1.  Unisys appreciates the importance of this innovative and flexible contract vehicle. We are pleased to offer the following cloud deployment models (private, community, public, and hybrid) and the related; underlying cloud services models (Iaas, PaaS, and SaaS).

    For any questions or inquiries, please contact our contracts manager:

    Harsh Bajpai. Harsh.Bajpai@unisys.com 1-703-439-6200.

**Cloud Deployment & Service Delivery Models offered by Unisys**

|  | IaaS | PaaS | SaaS |
|---|---|---|---|
| Public Cloud | Amazon Microsoft EMC | Amazon Microsoft EMC | Amazon Microsoft Google Oracle |
| Community Cloud | Unisys | Unisys | Unisys |
| Private Cloud | Unisys | Unisys | Unisys |
| Hybrid Cloud | Unisys | Unisys | Unisys |
| Cloud Professional Services | Unisys | Unisys | Unisys |
| Cloud Value Add Services | Unisys | Unisys | Unisys |

2.  The industry is constantly advancing and changing. New features and capabilities are constantly added or updated into the marketplace. Unisys is a century old global firm. We have a track record in bringing latest, stable solutions and capabilities from the market place not only from our portfolio, but also from our partner community portfolios.

    The tables below outline the list of cloud related technologies we are pleased to offer via this contract vehicle. Our cloud offerings include capabilities and solutions provided by: Unisys, Amazon, Microsoft, Google, EMC and Oracle.

**Unisys Cloud Services Offerings**

| Unisys Public Sector Cloud Solutions | Description | Availability (Public, Private, Community, Hybrid) (IaaS, PaaS, SaaS) |
|---|---|---|
| **Unisys Justice Law Enforcement and Border Security Solutions for the Cloud** | | |
| Secure Image Management Solution | Unisys developed a highly secure solution to meet the forensic integrity standards and policy requirements of several of the largest police departments in the world. The secure storage of images and other multimedia content occurs in a tamperproof information archive – in effect, a digital evidence vault. | All |
| U-LEAF | U-LEAF provides a POLE-type data model (Person, Object, Location and Event) for the storage and recording of incidents and entities. The POLE model allows entities to be recorded in the system once. The recorded entities, however, can be linked to other entities and events as many times as necessary, to build the picture of an incident, or a | All |

| Unisys Public Sector Cloud Solutions | Description | Availability (Public, Private, Community, Hybrid) (IaaS, PaaS, SaaS) |
|---|---|---|
| | network of associations. | |
| **Unisys Social Services Solutions for the Cloud** | | |
| Unisys 311 | The Unisys "311 solution" is a Multi- Channel Citizen Service Delivery and Engagement solution that can be used by a Local Government or any Governmental Agency to deliver and manage non-emergency services, respond to inquiries and engage with their constituents. This offers multi-channel interaction including social media and mobile applications, supported by a knowledgebase and GIS systems and also interfaces with existing systems to manage work orders and service requests. The solution can be configured to meet specific needs and extend its functionality and flexibility through other apps, and integration to mobile apps, social media and other systems. | All |
| State/Local Government Enterprise Regulatory System (AMANDA) | The Unisys AMANDA Platform (from CSDC) is designed to provide a collection of back office functions such as Licensing, Permitting, Inspections, Land Use, Planning and a number of other functions in various form factors (desktop, mobile and tablet) and can also be deployed either on premise, hosted, or delivered via the Cloud. The solution includes the design, delivery, deployment and ongoing support and maintenance of the solution. The AMANDA platform can be configured specific to client needs in order to extend its functionality and interface with other systems as required. | All |
| **Unisys Enterprise Content Management for the Cloud** | | |
| InfoImage | Unisys InfoImage is the Enterprise Content Management (ECM), Business Process Management (BPM) and Record Management (RM) solution for organizations looking to significantly improve business processes that depend heavily high-volume paper documents, documents generated from Internet transactions, Office documents, and other electronic documents that need to be accessed for automated and manual processes. InfoImage can easily capture, manage, store, and access the content required for cases, inquiries, and process-centric work, regardless of data structure or document origination, with a single intuitive user interface. Unisys InfoImage brings together ECM, imaging, workflow, document management, record management and integration technologies to form an integrated end-to-end solution. | All |
| **Unisys Horizontal Solutions for the Cloud** | | |
| Stealth | The Unisys Stealth software-defined security portfolio delivers consistent, inimitable security for global | Private and Hybrid Cloud |

| Unisys Public Sector Cloud Solutions | Description | Availability (Public, Private, Community, Hybrid) (IaaS, PaaS, SaaS) |
|---|---|---|
| | enterprises focused on protecting data in their data center, cloud, and mobile infrastructures. We built a better way to deal with advanced threats for our clients by applying novel approaches to new threats. By substituting traditional hardware topology for software-based cryptography, our Stealth Microsegmentation solutions prevent unauthorized access to sensitive information and reduce the attack surface, thereby making end points invisible to unauthorized users. | Only. For Public and Community Cloud, see AWS offering above. IaaS, PaaS and SaaS |
| VantagePoint | VantagePoint can also extend beyond the boundaries of IT with uses cases to support relevant business scenarios in, <br>• Security: Strengthens the security posture of organizations through greater visibility into the Stealth enabled infrastructure. <br>• Advanced Data Analytics: Cuts across data silos and sources relevant data to optimize the performance of Advanced Analytics solution. <br>• Cloud and Infrastructure Services: Enables hybrid IT by seamlessly integrating with a variety of data sources and services and presenting them via a digital control panel, irrespective of technology underpinnings. <br>• End User Services: Supports millennial users via personalized and secure access to relevant data and services, across endpoints. <br>• Service Management: Cuts across ITSM platforms to improve service delivery through service automation, orchestration, and aggregation capabilities. <br>• Facilities/Crisis Management: Helps organizations monitor their facilities and keep their Facilities Managers abreast of any security threats and risks. Also acts as a standard communication vehicle for users at times of crisis. (178) <br>With VantagePoint, our clients gain a personalized, secure, and intuitive data and service aggregation platform that cuts across strategic and operational dimensions of business and accelerates digital transformation. | Private and Hybrid Only IaaS, PaaS and SaaS |
| Unisys Cloud Hosting | Unisys Hosted Private Cloud Services provide businesses and governments a comprehensive cloud architecture that gives customers cloud on their terms. We can provide, integrate and scale the cloud infrastructure to meet client's needs. Our management platform enables a single pane of glass to effectively manage client's workloads. | All |

| Unisys Public Sector Cloud Solutions | Description | Availability (Public, Private, Community, Hybrid) (IaaS, PaaS, SaaS) |
|---|---|---|
| | Unisys Hybrid Cloud Services provide businesses and governments a comprehensive cloud architecture that gives customers cloud on their terms. We can source, integrate and scale commodity infrastructure such as Microsoft Azure and Amazon Web Services. Our management platform enables a single pane of glass to effectively manage a variety of clouds within an organization, whether they be public or private. | |
| ServiceNow | ServiceNow offers enterprise service management software for human resources, law, facilities management, finance, marketing, and field operations in the cloud. ServiceNow has its STAR Self-Assessment available on the CSA's website. ServiceNow specializes in ITSM applications and provides forms-based workflow application development. ServiceNow has open integration options to variety platforms such as: Salesforce, SharePoint, and BMC Remedy Action Request System. | All |
| Unisys ClearPath Forward! | Unisys ClearPath Forward is an Intel based fabric computing platform designed to run mission critical applications that require predictable performance and low transport latency. The ClearPath Forward platform provides hardware partitioning technology similar to the Mainframes, but is designed to run Windows and Linux operating environments on commodity server hardware. The fabric interconnect included with the ClearPath Forward platform provides transport speeds at 56Gbps or higher. The ClearPath Forward platform fabric can be used in a hybrid mode with VMware. | Private and Hybrid Only IaaS, PaaS and SaaS |
| Unisys White Label Offerings | Unisys has strategic, long lasting relationships in the industry and is pleased to offer our partner products surrounding the cloud market space. This is an evolving list. Our current partner list includes: SalesForce, Oracle, Verizon, SHI, Decision Lens, Aptio, NetApp, VMware, EMC, NetApp, Birst, Okta, Box, WatchDox. We have created webpage on our public site that is updated with our list of current partners. The page is available here: http://www.unisys.com/ms/wsca-cloud-hosting/ | All |

**Amazon Cloud Services offered by Unisys**

| Cloud Service Name | Service Description |
|---|---|
| Amazon EC2 | Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides resizable computing capacity—servers in Amazon's data centers—that customers use to build and host their software systems. |
| Amazon EC2 Container Service | Amazon EC2 Container Service is a highly scalable, high- performance container management service that supports Docker containers and allows customers to easily run distributed applications on a managed cluster of Amazon EC2 instances. |
| AWS Lambda | AWS Lambda is a compute service that runs code in response to events and automatically manages the compute resources for customers, making it easy to build applications that respond quickly to new information. AWS Lambda starts running code within milliseconds of an event such as an image upload, in-app activity, website click, or output from a connected device. |
| Auto Scaling | Auto Scaling is a web service designed to launch or terminate Amazon EC2 instances automatically in accordance with user-defined policies, schedules, and health checks. |
| Elastic Load Balancing | Elastic Load Balancing automatically distributes customers' incoming application traffic across multiple Amazon EC2 instances. It detects unhealthy instances and reroutes traffic to healthy instances until the unhealthy instances are restored. Elastic Load Balancing automatically scales its request handling capacity in response to incoming traffic. |
| Amazon VPC | Amazon Virtual Private Cloud (Amazon VPC) enables customers to launch AWS resources into a virtual network that they defined. This virtual network closely resembles a traditional network that customers would operate in their own data center, with the benefits of using the scalable infrastructure of AWS. |
| Amazon Route 53 | Amazon Route 53 is a highly available and scalable Domain Name System (DNS) web service. |
| AWS Direct Connect | AWS Direct Connect links a customer's internal network to an AWS Direct Connect location over a standard 1 GB or 10 GB Ethernet fiber optic cable. One end of the cable is connected to the customer's router and the other to an AWS Direct Connect router. With this connection, customers can create virtual interfaces directly in the AWS cloud and Amazon VPC, bypassing Internet service providers in their network path. |
| Amazon S3 | Amazon Simple Storage Service (Amazon S3) is storage for the Internet. Customers can use Amazon S3 to store and retrieve data from anywhere on the web. To accomplish these tasks, they can use the simple and intuitive web interface of the AWS Management Console. |
| Amazon Glacier | Amazon Glacier is a storage service optimized for infrequently used data, also known as "cold data." The service provides secure, durable, and extremely low-cost storage for data archiving and backup. With Amazon Glacier, customers can store their data cost-effectively for months, years, or decades. Amazon Glacier enables customers to offload the administrative burdens of operating and scaling storage to AWS, so that they do not have to worry about capacity planning, hardware provisioning, data replication, hardware failure detection and recovery, or time-consuming hardware migrations. |
| Amazon EBS | Amazon Elastic Block Store (Amazon EBS) provides block-level storage volumes for use with Amazon EC2 instances. Amazon EBS volumes are highly available and reliable storage volumes that can be attached to one or more running instances that are in the same Availability Zone. Amazon EBS |

| Cloud Service Name | Service Description |
|---|---|
| | volumes that are attached to an Amazon EC2 instance are exposed as storage volumes that persist independently from the life of the instance. With Amazon EBS, you only pay for what you use. |
| Amazon CloudFront | Amazon CloudFront is a content delivery web service. It integrates with other AWS cloud services to give developers and governments an easy way to distribute content to end users with low latency, high data transfer speeds, and no commitments. |
| AWS Import/Export | AWS Import/Export accelerates transferring large amounts of data between the cloud and portable storage devices that customers mail to AWS. To transfer data directly onto and off of their storage devices, AWS uses Amazon's high-speed internal network. A customer's data load typically begins the next business day after the customer's storage device arrives at AWS. After the data export or import completes, AWS returns the customer's storage device. For large datasets, AWS Import/Export is significantly faster than Internet transfer and more cost effective than upgrading connectivity. |
| AWS Storage Gateway | AWS Storage Gateway is a service that connects an on-premises software appliance with cloud-based storage to provide seamless and secure integration between a customer's on-premises IT environment and the AWS storage infrastructure. |
| Amazon RDS | Amazon Relational Database Service (Amazon RDS) is a web service that makes it easier to set up, operate, and scale a relational database in the cloud. It provides cost-efficient, resizable capacity for an industry-standard relational database and manages common database administration tasks. Database engines available through Amazon RDS include Amazon Aurora, MySQL, Oracle, Microsoft SQL Server, and PostgreSQL. |
| Amazon DynamoDB | Amazon DynamoDB is a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability. Customers can use Amazon DynamoDB to create a database table that can store and retrieve data, and serve levels request traffic. Amazon DynamoDB automatically spreads the data and traffic for the table over a sufficient number of servers to handle the request capacity specified by a customer and the amount of data stored, while maintaining consistent and fast performance. |
| Amazon Redshift | Amazon Redshift is a fast, fully managed, petabyte-scale data warehouse solution that makes it simple and cost-effective to efficiently analyze of a customer's data using the customer's existing business intelligence tools. Customers can start small for only $0.25 per hour with no commitments or upfront costs and scale to a petabyte or more for $1,000 per terabyte per year, less than one-tenth of most other data warehousing solutions. |
| Amazon ElastiCache | Amazon ElastiCache is a web service that makes it easy to set up, manage, and scale distributed, in-memory cache environments in the cloud. It provides a high-performance, resizable, and cost-effective in-memory cache, while removing the complexity of deploying and managing a distributed cache environment. |
| Amazon EMR | Amazon Elastic MapReduce (Amazon EMR) is a web service that makes it easy to process large amounts of data efficiently. Amazon EMR uses Hadoop processing combined with several AWS products to perform tasks such as web indexing, data mining, log file analysis, machine learning, scientific simulation, and data warehousing. |
| Amazon Kinesis | Amazon Kinesis is a managed service that scales elastically for real-time processing of streaming big data. The service takes in large streams of data records that can then be consumed in real time by multiple data processing applications that can be run on Amazon EC2 instances. The data processing |

| Cloud Service Name | Service Description |
|---|---|
| | applications use the Amazon Kinesis Client Library and are called Amazon Kinesis applications. |
| AWS Data Pipeline | AWS Data Pipeline is a web service that helps customers reliably process and move data between different AWS compute and storage services as well as on-premises data sources at specified intervals. With AWS Data Pipeline, customers can regularly access their data where it is stored, transform and process it at scale, and efficiently transfer the results to AWS cloud services such as Amazon S3, Amazon RDS, Amazon DynamoDB, and Amazon EMR. |
| Amazon Mobile Analytics | Amazon Mobile Analytics is a service that lets customers easily collect, visualize, and understand application usage data at scale. Many mobile application analytics solutions deliver usage data several hours after the events occur. Amazon Mobile Analytics is designed to deliver usage reports within 60 minutes of receiving data from an application so that customers can act on the data more quickly. |
| AWS Identity & Access Management | AWS Identity and Access Management (IAM) is a web service that enables AWS customers to manage users and user permissions in AWS. The service is targeted at organizations with many users or systems that use AWS products such as Amazon EC2, Amazon SimpleDB, and the AWS Management Console. With AWS IAM, customers can centrally manage users, security credentials such as access keys, and permissions that control which AWS resources users can access. |
| AWS Directory Service | AWS Directory Service is a managed service that allows customers to connect their AWS resources with an existing on-premises Microsoft Active Directory or to set up a new standalone directory in the AWS cloud. Connecting to an on-premises directory is easy; once this connection is established, users can access AWS resources and applications with their existing corporate credentials. |
| AWS Service Catalog | AWS Service Catalog is a service that allows administrators to create and manage approved catalogs of resources that end users can then access at a personalized portal. Administrators can control which users have access to which applications or AWS resources to enable compliance with a customer's business policies; users can easily browse and launch products from the catalogs administrators create. |
| AWS Config | AWS Config is a fully managed service that provides customers with an AWS resource inventory, configuration history, and configuration change notifications to enable security and governance. With AWS Config, customers can discover existing AWS resources, export a complete inventory of their AWS resources with configuration details, and determine how a resource was configured at a point in time. These capabilities enable compliance auditing, security analysis, resource change tracking, and troubleshooting. |
| AWS CloudHSM | AWS CloudHSM provides customers with secure cryptographic key storage by making Hardware Security Modules (HSMs) available in the AWS cloud. |
| AWS Key Management Service | AWS Key Management Service (KMS) is a managed service that makes it easy for customers to create and control the encryption keys used to encrypt their data and uses Hardware Security Modules (HSMs) to protect the security of their keys. AWS KMS is integrated with other AWS cloud services, including Amazon EBS, Amazon S3, and Amazon Redshift. AWS KMS is also integrated with AWS CloudTrail to provide customers with logs of key usage to help meet their regulatory and compliance needs. |
| AWS CloudTrail | With AWS CloudTrail, customers can get a history of AWS API calls for their account, including API calls made at the AWS Management Console, the AWS Software Development Kits (SDKs), the command line tools, and higher level |

| Cloud Service Name | Service Description |
|---|---|
| | AWS cloud services. Customers can also identify which users and accounts called AWS APIs for services that support AWS CloudTrail, the source IP address the calls were made from, and when the calls occurred. Customers can integrate AWS CloudTrail into applications by using the API, automate trail creation for their organization, check the status of their trails, and control how administrators turn AWS CloudTrail logging on and off. |
| Amazon CloudWatch | Amazon CloudWatch is a web service that enables customers to collect, view, and analyze metrics. Amazon CloudWatch lets customers programmatically retrieve their monitoring data, view graphs, and set alarms to help them troubleshoot, spot trends, and take automated action based on the state of their cloud environment. |
| AWS Management Console | Customers can access and manage Amazon cloud services at a simple and intuitive web-based user interface. They can also use the AWS Console mobile app to quickly view resources on-the-go. |
| AWS Command Line Interface | The AWS Command Line Interface (CLI) is a unified tool used to manage customers' AWS cloud services. With just one tool to download and configure, they can control many AWS cloud services from the command line and automate them through scripts. |
| APIs | AWS provides API-based cloud computing services with several interfaces to those services, including SDKs, IDE Toolkits, and Command Line Tools for developing and managing AWS resources. |
| AWS Elastic Beanstalk | With AWS Elastic Beanstalk, customers can quickly deploy and manage applications in the AWS cloud without worrying about the infrastructure that runs those applications. AWS Elastic Beanstalk reduces management complexity without restricting choice or control. Customers simply upload their application, and AWS Elastic Beanstalk automatically handles the details of capacity provisioning, load balancing, scaling, and application health monitoring. |
| AWS CloudFormation | AWS CloudFormation gives developers and system administrators an easy way to create and manage a collection of related AWS resources, provisioning and updating them in an orderly and predictable way. Developers and system administrators can use AWS CloudFormation's sample templates or create their own templates to describe the AWS resources and associated dependencies or runtime parameters required to run an application. |
| AWS CodeDeploy | AWS CodeDeploy is a service that automates code deployments to Amazon EC2 instances. AWS CodeDeploy makes it easier for customers to rapidly release new features, helps them avoid downtime during deployment, and handles the complexity of updating their applications. Customers can use AWS CodeDeploy to automate deployments, eliminating the need for error-prone manual operations. The service scales with a customer's infrastructure so that they can easily deploy to one Amazon EC2 instance or thousands. |
| AWS CodeCommit | AWS CodeCommit is a secure, highly scalable, managed source control service that hosts private Git repositories. AWS CodeCommit eliminates the need for customers to operate their own source control system or worry about scaling its infrastructure. Customers can use AWS CodeCommit to store anything from code to binaries; it supports the standard functionality of Git, allowing it to work seamlessly with existing Git-based tools. |
| AWS CodePipeline | AWS CodePipeline is a continuous delivery and release automation service that aids smooth deployments. Developers can design their development workflow for checking in code, building the code, deploying their application to staging, testing it, and releasing it to production. Developers can integrate third-party tools into one or more steps of a release process, or they can use |

| Cloud Service Name | Service Description |
|---|---|
| | AWS CodePipeline as an end-to-end solution. |
| AWS OpsWorks | AWS OpsWorks provides a simple and flexible way to create and manage stacks and applications. With AWS OpsWorks, customers can provision AWS resources, manage their configuration, deploy applications to those resources, and monitor their health. |
| Amazon WorkDocs | Amazon WorkDocs is a fully managed, secure enterprise storage and sharing service with strong administrative controls and feedback capabilities that improve user productivity. Users can comment on files, send them to others for feedback, and upload new versions without having to email several versions of their files as attachments. |
| Amazon Workspaces | Amazon WorkSpaces is a fully managed desktop computing service in the cloud. Amazon WorkSpaces allows customers to easily provision cloud-based desktops that allow end users to access the documents, applications, and resources they need with the device of their choice, including laptops and iPad, Kindle Fire, or Android tablets. With a few clicks at the AWS Management Console, customers can provision a high-quality cloud desktop experience for users at a cost that is highly competitive with traditional desktops and half the cost of most Virtual Desktop Infrastructure (VDI) solutions. |
| Amazon AppStream | The Amazon AppStream web service deploys a customer's application on AWS infrastructure and streams input and output between the customer's application and devices such as personal computers, tablets, and mobile phones. The application's processing occurs in the cloud, so that it can scale to handle vast computational loads. Devices only display output and return user input, so that the client application on the device can have minor file size and processing requirements. |
| Amazon CloudSearch | Amazon CloudSearch is a fully managed service in the cloud that makes it easy to set up, manage, and scale a search solution for a website. Amazon CloudSearch enables customers to search large collections of data such as web pages, document files, forum posts, or product information. With Amazon CloudSearch, customers can quickly add search capabilities to their website without having to become a search expert or worry about hardware provisioning, setup, and maintenance. As customers' volume of data and traffic fluctuates, Amazon CloudSearch automatically scales to meet their needs. |
| Amazon SWF | Amazon Simple Workflow Service (Amazon SWF) makes it easy to build applications that coordinate work across distributed components. In Amazon SWF, a task represents a logical unit of work that is performed by a component of an application. Coordinating tasks across the application involves managing intertask dependencies, scheduling, and concurrency in accordance with the application's logical flow. Amazon SWF gives customers full control over implementing tasks and coordinating them without worrying about underlying complexities such as tracking their progress and maintaining their state. |
| Amazon SQS | Amazon Simple Queue Service (Amazon SQS) is a messaging queue service that handles messages or workflows between other components in a system. |
| Amazon SES | Amazon Simple Email Service (Amazon SES) is an outbound-only email-sending service that provides customers with an easy, cost-effective way customers to send email. |
| Amazon SNS | Amazon Simple Notification Service (Amazon SNS) is a web service that enables applications, end users, and devices to instantly send and receive notifications from the cloud. |

| Cloud Service Name | Service Description |
|---|---|
| Amazon Elastic Transcoder | Amazon Elastic Transcoder lets customers convert media files that are stored in Amazon S3 into media files in the formats required by consumer playback devices. For example, customers can convert large, high-quality digital media files into formats that users can play back on mobile devices, tablets, web browsers, and connected televisions. |
| Amazon Cognito | Amazon Cognito is a simple user identity and data synchronization service that helps customers securely manage and synchronize application data for their users across their mobile devices. Customers can create unique identities for their users through several public login providers (Amazon, Facebook, and Google) and support unauthenticated guests. |
| Amazon FPS | Amazon Flexible Payments Service facilitates the digital transfer of money between two entities, be they humans or computers. |
| AWS Support | AWS Support is a one-on-one, fast-response support channel that is staffed 24x7x365 with experienced technical support engineers to help customers to successfully use the products and features provided by AWS. |
| AWS Trusted Advisor | AWS Trusted Advisor acts like a customized cloud expert; and it helps customers provision their resources by following best practices. AWS Trusted Advisor inspects a customer's AWS environment and finds opportunities to save money, improve system performance and reliability, or help close security gaps. Since 2013, customers have viewed more than 1.7 million best-practice recommendations and realized more than $300 million in estimated cost reductions. |
| AWS Marketplace | AWS Marketplace is an online store that helps customers find, buy, and immediately start using the software and services they need to build products and run their businesses. |

**Microsoft Cloud Services offered by Unisys**

| Infrastructure as a Service (Iaas) | Platform as a Service (PaaS) | Software as a Service (SaaS) |
|---|---|---|
| Microsoft IaaS includes network services and virtual machines. These services can be combined with PaaS services. | Microsoft Azure PaaS is a growing collection of integrated services – compute, storage, data, application, and networking. | Office 365: Enterprise Cloud productivity and collaboration services: Office, Exchange, SharePoint, Lync, Skype for Business, One Drive for Business, and Project |
| Virtual Network: Provision and manage virtual networks in Azure and securely link to your on-premises IT infrastructure. | Azure Web Apps: Build websites with I.Net, PHP, Python, Java, or Node.js and deploy them in seconds. | Microsoft Dynamics: Enterprise Cloud customer relationship management |
| Express Route: Connects on-premises infrastructure directly to Azure data centers without using the public Internet (will require telco connectivity). | Azure Storage: Massively scale storage in difference types. | Microsoft Intune: Enterprise Cloud PC and mobile device management |
| Virtual Machines: Create new virtual machines or create and upload your own to create preconfigured virtual machines. | SQL Database as a Service | Azure Active Directory: Provides access and identity management solutions, directory services, identity governance, security, and application access and |

| Infrastructure as a Service (Iaas) | Platform as a Service (PaaS) | Software as a Service (SaaS) |
|---|---|---|
| | | management. |
| Traffic Manager: Load balance incoming global traffic across multiple services running in the same or different data centers. | Azure Compute: Quickly deploy and manage multi-tier apps, achieving continuous availability. | Azure Multifactor Authentication; Used with Azure Active directory, it allows you to safeguard access to data and applications while deploying a simple sign in process. |
| | Azure Media Services: Encode, store, and stream video and audio at scale. | |
| | Azure Mobile Services: Create highly functional mobile apps that can access backend capabilities. | |
| | Azure Stream Analytics: Perform real-time stream processing in the cloud for IoT solutions. Create dashboards and alerts. | |
| | Azure Logic Apps: Develop powerful integration solutions with SaaS and enterprise applications. | |
| | Azure API Apps: Expose your application's AP's to your SaaS and enterprise applications. | |

**Google Cloud Services offered by Unisys**

| Cloud Service Name | Description |
|---|---|
| Google Apps Auth User | Google Apps Auth User includes the ability to define Google Apps user identities for managing Android applications and devices only. |
| Google Apps Message Encryption | With Google Apps for Work, Edu, or Unlimited, customers can add Google Apps Message Encryption to set policies to route their outbound email to an encryption server for external recipients to securely receive and send email to their end users. |
| Google Apps No Gmail | Google Apps No Gmail includes Google Drive, Mobile Device Management, groups, G+, sites (unlimited), videoconferencing, and VoIP. |
| Google Apps for Work | Google Apps for Work includes mail (30 GB of storage), a calendar, Google Drive, Mobile Device Management, groups, G+, sites (unlimited), videoconferencing, and VoIP. |
| Google Apps for EDU, Unlimited | For qualifying K-12 and higher education organizations, Google Apps for EDU, Unlimited includes mail, Google Vault eDiscovery and Archiving (unlimited storage), a calendar, Google Drive, Mobile Device Management, groups, G+, sites (unlimited), videoconferencing, and VoIP. |
| Google Apps Deskless | Google Apps Deskless includes the same services above; this offering is intended for nontechnical workers and infrequent users. |

| Google Apps Unlimited | Google Apps Unlimited includes mail, Google Vault eDiscovery and Archiving (unlimited storage), a calendar, Google Drive, Mobile Device Management, groups, G+, sites (unlimited), videoconferencing, and VoIP. |
|---|---|
| Google Apps Unlimited Deskless | Google Apps Unlimited customers can blend this product into their contract. This offering, which includes the same services above, is intended for nontechnical workers and infrequent users. |
| Google Apps Vault | Google Apps Vault provides Vault eDiscovery and Archiving (unlimited storage). |
| Google Apps Vault Deskless | Google Apps customers can blend this product into their contract. This offering, which includes the same services above, is intended for nontechnical workers and infrequent users. |

**EMC Cloud Services offered by Unisys**

| Cloud Service | Description |
|---|---|
| Backup and Recovery as a Service | Offsite Data Protection.  Tap into fast, secure, reliable and scalable offsite replication built on the industry's leading platforms—EMC Data Domain and Avamar. State-of-the-art backup and replication technologies. High-speed, reliable network connectivity. Highly secure and compliant offsite data center. Expert staffing and support. A usage-based subscription model. |
| Managed SAS Service | Our data solutions better enable you to respond to needs as they arise in your industry, allowing you to respond rapidly to regulatory requirements, security risks, technological advances and customer expectations. Our data solutions bring together best-of-breed technology, combined with delivery experience gained from over 30 years of successful systems implementation, to provide the answers to complex IT questions. |
| Big Data as a Service | From strategy consulting to implementation and support, our cost-effective Business Intelligence, Analytics and Performance Management services give you a solid understanding of your business, enabling you to make more insightful business decisions, take bold action and execute quickly. Whether optimizing operational and financial performance, building strategic plans, creating innovative ways to connect with your customers, assessing and mitigating enterprise risk or managing compliance, Unisys has proven services and solutions that can help your organization to establish and maintain a competitive advantage. |

| Cloud Service | Description |
|---|---|
| Platform and Test Dev as a Service for Retail/eCommerce | Open hybrid platform to help retailers and organizations that rely on a digital marketing platform to engage customers seamlessly via a website, portal/extranet, mobile app or online store. |
| Backup and Recovery as a Service for Healthcare | We provide comprehensive services to support your healthcare environment, helping to ensure high availability, ease of management, and business continuity for mission-critical clinical applications and business operations. |
| Disaster Recovery as a Service | Managed replication and recovery across all enterprise applications. 20-30% reduction in costs compared to DIY. Sign up to SLA with 4 hour RTO and 15 min RPO.  OpEx pricing model. |
| Active Archive | Active Archive is a high performance, scalable, secure, robust and cost effective data archival & analytics solution. Unisys Active Archive is built on industry leading EMC big data storage and analytics platform that features warm archival of structured and un-structured data for easy archival, access and analytics. |
| Storage and Infrastructure Management | Solution puts business services as a pivotal point, and provides a transformation path that is workload centric, hybrid, software defined and hyper-resilient. |
| Storage as a Service | Cloud Storage addresses the requirements of any number of business initiatives quickly and easily. Protect critical corporate assets, expand customer interaction or enable new business processes while enjoying the economies and resiliency of the cloud. |
| Compute and Virtual Data Center as a Service | As an-end-to end solution, Unisys EPC provides all you need to securely enable your business in the cloud, including cloud management, automation and complete support. By choosing Unisys EPC, your business is accelerating its cloud journey by removing the technical risk of creating a bespoke solution, either by yourself or with a partner, and ensuring your cloud is fully functional from day one. |

| Cloud Service | Description |
| --- | --- |
| Object Storage | Object storage provides large storage capacities, data high availability and protection. The solution enables 2nd and 3rd Platform coexistence, Object storage, Unstructured storage, and is S3 compatible. It is based on ECS. |
| SAP HANA Appliances | The bullion / VNX platform for SAP HANA delivers unique flexibility, unmatched scalability and best-in-class quality of service in the x86 world, essential criteria for in-memory DB and real-time computing. Combined with expertise and value-added services from Atos, this forms an end-to-end solution for successful SAP HANA deployments in even the most critical environments. |
| Storage as a Service for Video Surveillance | Our managed Digital Video Surveillance service is set to change forever how you secure, monitor, and manage your world- letting you create one dynamic surveillance view across your security landscape. Redefine video surveillance achieving one real-time, integrated view across multiple surveillance systems. |
| Big Data as a Service | The BDLaaS is a technology based on EMC and Pivotal Cloud Foundry technology designed to help clients process large data sets. It supports Pivotal , Hortonworks and Cloudera as hadoop distributions. The Business Data Lake (BDLaaS) is a secure, flexible and scalable infra environment, with which compute power and storage is delivered on a elastic usage principle using EMC Federation technology. |
| Managed Private Cloud | Single provider solution for managing and securing mission-critical IT services, including cloud computing, infrastructure as a service, platform as a service, colocation and data centers. |
| Platform as a Service | Single provider solution for managing and securing mission-critical IT services, including cloud computing, infrastructure as a service, platform as a service, colocation and data centers. |

| Cloud Service | Description |
|---|---|
| Backup and Recovery/Cloud for SLED | EMC's converged infrastructure enables Deloitte's reference architecture to:<br>Reduce implementation time,<br>Lower costs by reducing the number of FTEs required for implementation, and Mitigate risk by leveraging proven technologies Based on requirements, there may be additional opportunity for our Storage, Backup/Recovery, Document Management, Imaging & Workflow, and Privacy and Security |
| SAP as a Service | End-to-end managed cloud services for SAP and SAP HANA guides customers through a step-by-step process designed to help make the most of their SAP investment, coupled with a strategic journey to the cloud. The approach is simple and focused, and based on aligning technology platform decisions with business priorities while articulating ROI. |
| Managed Services for Storage | Provides enterprises with the cost-benefits of public cloud, AND the enterprise-class features of storage management. Drives faster storage ROI by automatizing storage management processes and increasing utilization rates. Facilitates charge-back to LoB with detailed consumption tracking, reporting and billing. |
| Disaster Recovery and Data Replication for Financial Services | Integrated Recovery Service is a "Hacktivist" risk mitigation service. Multiple configurations based on EMC Storage and DPAD available. Target is # 25-50 banks (mid tier). Deal sold at Board Room level. Complements Unisys's Data Resiliency Service solution. Service - covers the essentials of DR/HA/Business continuity and is extended/enhanced with the IRS solution |
| StaaS | Benefits of Cloud Storage: High availability and reliability, Fast single-step restore, Data is stored in known locations, Simple deployment, Secure encrypted bandwidth, Meets legislative and compliance requirements, No additional investment in hardware or software, Efficient use of connectivity, Centralized management, Leading hypervisor integration, Flexible pricing, Low bandwidth requirements, Guaranteed service levels. |

| Cloud Service | Description |
|---|---|
| DRaaS | Rapidly restore your business critical data and systems with simple Disaster Recovery solution. Effective Disaster Recovery in the cloud, providing complete peace of mind. Disaster Recovery as a Service from iomart works unobtrusively with our Cloud Backup solution. Iomart's Disaster Recovery as a Service solution is based on the world's leading Cloud Backup solution, EMC's Avamar, and Cristie Software's Bare Metal Recovery for Avamar. |
| Backup and Recovery as a Service | Offsite Data Protection.  Tap into fast, secure, reliable and scalable offsite replication built on the industry's leading platforms—EMC Data Domain and Avamar. State-of-the-art backup and replication technologies. High-speed, reliable network connectivity. Highly secure and compliant offsite data center. Expert staffing and support. A usage-based subscription model. |
| Managed SAS Service | Our data solutions better enable you to respond to needs as they arise in your industry, allowing you to respond rapidly to regulatory requirements, security risks, technological advances and customer expectations. Our data solutions bring together best-of-breed technology, combined with delivery experience gained from over 30 years of successful systems implementation, to provide the answers to complex IT questions. |
| Application Rationalization as a Service | Service to understand and provide insight into applications and how they can be moved to the cloud.  This service determines interaction between applications and determines which applications need to be migrated together |

**Oracle Cloud Services Offered by Unisys**

| Cloud SaS Offering | SaS Product | Description |
|---|---|---|
| Oracle Service Cloud | Web Experience | Customer service excellence is an expectation, and the Oracle RightNow Web Experience provides a rich, online customer experience solution for customers to research and purchase products, or resolve issues from any device—from smartphones to the desktop. While setting a standard for best-in-class customer service, you will simultaneously increase conversions and lower service costs. |

| Cloud SaS Offering | SaS Product | Description |
|---|---|---|
| | Cross Channel Contact Center | Providing consistent and connected customer experiences is difficult when your agents have to navigate multiple, disconnected systems. |
| | Knowledge Management | By enabling searches across a wide variety of sources, Oracle's InQuira knowledge management products offer simple and convenient ways for users to access knowledge that was once hidden in the myriad systems, applications, and databases used to store enterprise content. |
| | Policy Automation | Oracle Policy Automation empowers organizations to achieve enterprise policy agility to disseminate policies across the organization and beyond. Dedicated to collecting, modeling, deploying, analyzing, and updating policies, Oracle Policy Automation helps organizations in all industries to effectively deliver services and consistently determine policy obligations while maintaining full compliance with laws and regulations. |
| | Field Service Management | Extend superior customer service into the field. Drive operational efficiency—no matter how complex your organization. Automate, then optimize the entire service process—from customer incident through service delivery and feedback. |
| | Service Experience Platform | Purpose built Cloud-based platform to deliver great customer experiences across all channels of interaction. For over a decade, Oracle RightNow has taken learnings and matured the Cloud infrastructure to lead the way in SaaS delivery, supporting over 2 billion global transactions a day for some of the world's largest brands. |
| Oracle Social Cloud | Social Cloud | Oracle Social Cloud is a scalable, enterprise-ready social relationship management solution that empowers brands to leverage the power of social media across their organizations. With over 100 social media management solutions in the marketplace all claiming to do the same thing, how do you differentiate between these solutions and decide which vendor to choose from? Oracle Social has deep listening, global reach, a unified social media management platform, and integrations with Customer Experience (CX) applications. |
| Oracle Marketing Cloud | Marketing Automation | Oracle Eloqua enables marketers to plan and execute campaigns while delivering a personalized customer experience for their prospects. Campaigns greatly scale for audiences across channels including email, display search, video, and mobile. With integrated lead management and easy campaign creation, our solution helps marketers engage the right audience at the right time in their buyer's journey. |
| | Cross Channel Orchestration | Oracle Responsys empowers marketing teams with the tools to deliver the relevant, engaging experiences their customers demand across devices, channels, and lifecycles. |
| | Data Management Platform | Oracle Data Management Platform (Oracle DMP) — powered by the expertise and technology of Oracle BlueKai — turns insights into action. |
| Oracle Commerce Cloud | Commerce Cloud | Oracle's enterprise ecommerce solutions enable you to keep up with evolving demands by offering battle-tested ecommerce applications focused on personalized experiences, business user enablement, and scalability. |

| Cloud SaS Offering | SaS Product | Description |
|---|---|---|
| | Commerce Platform | Enterprise B2C and B2B ecommerce platform built to manage the most complex and sophisticated ecommerce environments and maximize revenue. |
| Oracle Sales Cloud | Sales Cloud | Oracle Sales Cloud provides modern, enterprise-level sales capabilities to help your organization sell more, know more, and grow more. |
| | Performance Management | Oracle Sales Performance Management is a holistic solution to better Manage, Motivate, and Mentor salespeople. |
| | CPQ | CPQ is a complete quote-to-cash solution to help you sell with greater accuracy. Create a more repeatable, compliant sales process with Oracle CPQ. |
| Data Cloud Service | | Oracle Data Cloud aggregates, analyzes, and activates consumer data into one unified solution. Powered by Oracle ID Graph, this DaaS offering creates cross-channel consumer understanding, so that you can know more about who your customers are, what they do, where they go, and what they buy. |
| | | Modern HR empowers the individual by leveraging easy to use tools that are personalized, social, deliver insights and cover the full employee lifecycle. With Oracle HCM Cloud, you can find, grow, and retain the best talent, enable collaboration, provide complete workforce insights, increase operational efficiency and make it easy for everyone to connect on any device. |
| | | ERP software is the backbone of many organizations— "managing accounting, procurement, and projects throughout the enterprise. Oracle's modern, integrated cloud applications deliver the functionality, analytics, security, and collaboration tools you need to run your business. |
| Order Management | | Oracle Order Management improves the entire ordering and fulfillment process across the order-to-cash lifecycle. Increase customer satisfaction and order profitability with an integrated, centrally managed, and globally-available platform for order management. |
| Risk Management | | Oracle Risk Management Cloud controls risk and compliance programs, quickly detects potential process and control issues, and provides line-of-business leaders with strategic risk insights. |
| Financials | | Oracle Financials Cloud helps finance teams be more productive, serve business managers with innovative modern best practices, and give all users on-demand access to role-based information for better decision-making. |
| Procurement | | Modern procurement starts with standardizing, streamlining, and automating the source-to-pay process. With Oracle Procurement Cloud, you'll gain a more efficient, effective, and influential procurement organization that helps keep costs under control by selecting the best suppliers, enforcing policy, and managing supplier risk. |

| Cloud SaS Offering | SaS Product | Description |
|---|---|---|
| Manufacturing and Planning | | Enhance shop floor execution capabilities. Discrete manufacturers can improve productivity by deploying Oracle Manufacturing directly as the manufacturing execution system on their shop floor. |
| Project Portfolio Management | | Deliver project transparency with Oracle Project Portfolio Management (PPM) Cloud, part of Oracle ERP Cloud. Gain insight by leveraging a complete, integrated solution with a single source of project truth. Collaborate more effectively by using mobile and embedded social capabilities for fast, secure communication. |
| Enterprise Performance Management | | Oracle's market-leading EPM applications combined with the innovation and simplicity of the cloud, help companies of any size drive predictable performance, report with confidence, and connect the entire organization |
| Supply Chain Management | | Oracle SCM Cloud enables you to innovate quickly, execute rapidly, and scale your value chain. Companies can rapidly deploy Oracle's supply chain management functionality with minimal risk, low cost, and maximum flexibility. With Oracle SCM Cloud, companies do not have to maintain or upgrade to the latest version–they can receive the latest, best-in-class functionality through a flexible subscription pricing model. |
| | | Oracle Analytics Cloud delivers business analytics for traditional data and big data across the entire enterprise. Built on proven Oracle technologies and Cloud infrastructure, Oracle Analytics Cloud is a comprehensive portfolio of offerings built for the cloud, covering your every need across business intelligence, big data analytics and embedded SaaS analytics. |
| PaaS | | Oracle Cloud Platform meets the unique needs of developers, IT professionals, and business users with a comprehensive, integrated portfolio of platform services that enables them to innovate faster, increase productivity, and lower costs. Use Oracle Cloud Platform to integrate existing IT with next-generation cloud services, accelerate application development and deployment, and lead business transformation. |
| IaaS | | Oracle Cloud Infrastructure as a service (IaaS) offers a set of core capabilities, like elastic compute, networking, and storage to help you quickly reach your IT goals. |

3. We are also pleased to provide architecture, design, implementation, and other value-add services that support the various cloud solution options. The following table outlines the list of various services we offer today within the marketplace.

**Unisys value-add Services Offerings**

| Unisys Professional Services | Description |
|---|---|
| Cloud Advisory Services | Unisys Cloud Advisory Services provide strategic and financial guidance on |

| Unisys Professional Services | Description |
|---|---|
|  | aligning IT with business objectives. This starts with a roadmap that outlines the vision of a hybrid IT based on a combination of existing data center, internal cloud, and external cloud resources to provide agility, flexibility, and control. |
| Data Center Planning, Design, and Implementation Services | Unisys Data Center Planning, Design, and Implementation Services offer a complete range of services that delivers cohesive, end-to-end optimization of data centers. With a wide range of services for discovery, analysis, optimization, virtualization, consolidation, and migration of data centers that can complement client efforts and fill gaps in skills and capacities and a combination of world-class people, processes, and technology with program and project management expertise, Unisys transforms clients' existing data centers to a business engine that provides agility at a lower cost. |
| CloudBuild Services | Unisys CloudBuild Services enable organizations to successfully build a cloud that is integrated with the overall business process, transforming their existing infrastructure to an agile IT-as-a-service model. The Unisys "8-Tracks" model, a 360-degree cloud view approach, covers eight critical data center domains. Together with ConOps, which includes industry best practices, Unisys enables a client's cloud infrastructure to meet the security, regulatory, and compliance requirements that enable us to deliver the most secure and reliable cloud in the marketplace. |
| Hybrid Cloud Strategy | Unisys Hybrid Cloud strategy helps organizations overcome key challenges when planning to implement a cloud environment. Unisys provides governments and businesses with a comprehensive cloud architecture that gives clients cloud on their terms. We can source, integrate, and scale commodity infrastructure such as Microsoft Azure and Amazon Web Services. Our homegrown VantagePoint management platform enables a single pane of glass to effectively manage a variety of clouds in an organization, whether they be public or private. |
| **Platform Services** | |
| Platform Assessment Services | Unisys Platform Assessment Services enable governments and businesses to foster their platform adoption initiatives. Unisys analyzes organizations' business goals and objectives along with their technology landscape of their enterprise application portfolio and recommend a best-fit Platform Suitability Analysis to help them make the right decision in their move to PaaS. |
| Architecture Design Services | Unisys Architecture Design Services assist governments and businesses with designing an effective architecture suited for cloud. We provide several concepts and best practices that are essential to build highly scalable applications in the cloud – be it on-premises, public, or hybrid. |
| PaaS Enablement Services | Unisys PaaS Enablement Services analyze an organization's current set of applications and provide a strategy to use the best practices and engagement models of various platform providers such as Microsoft Azure, IBM Bluemix, SAP HCP, and SFDC AppCloud. |
| Application Migration Services | Unisys Application Migration Services assist organizations in their cloud migration activities by using tools and frameworks adhering to Unisys best practices that promise minimal downtime without affecting the day-to-day business processes. |
| Application Portability Services | Unisys Application Portability Services help organizations to develop cross-platform applications that can be scaled across multiple cloud platforms. |
| Application Development Services | Unisys Application Development Services help organizations to build rich, interactive applications focused on business logic and workflows using visual tools as well as cloud-based tools, architectures, and services that make their applications cloud ready. |
| IoT Development Services | Unisys IoT Development Services enable organizations to use IoT Services across various cloud platforms that enable apps to communicate and consume data collected by the connected devices, sensors, and gateways. |
| API Management Services | Unisys API Management Services provide a solution that addresses the aspects |

| Unisys Professional Services | Description |
|---|---|
| | of the application programming interface (API) life cycle for on-premises and cloud environments and offer capabilities to create, run, manage, secure, and monetize APIs and microservices that deliver an integrated user experience and enable rapid deployment and simplified administration of APIs. |
| **Horizontal Technology Integration Services** | |
| Horizontal Technology Integration Services | Unisys is a world-recognized leader in integrating technology infrastructures across platforms and vendors. We particularly specialize in integrating solutions surrounding service desks, cloud provisioning, data center management, and the ITIL framework. |
| **Service Management Services** | |
| Maturity and Platform Technology Assessments | Unisys Service Management Consulting Services leverage subject matter experts with more than 15 years of experience in working and delivering services for ITIL and service management. We leverage that knowledge to provide best practices, lessons learned, and roadmap development for Service Management disciplines and benchmark them with industry and operational best practices. |
| Service Management Platform Implementation | Unisys brings experience in moving existing ITSM tool information, processes, and requirements to new cloud enterprise Service Management platforms. By leveraging industry best practices and structured methodologies, Unisys can establish transition and transformation plans that minimize risk to clients' ongoing operations and deliver speed to value with the new cloud-based Service Management platform. |
| Enterprise Cloud Service Management Platform Support | Unisys can provide ongoing day-to-day support in the ongoing management of a client's Service Management platform. This service allows the organization to focus on the business aspects instead of the routine activities necessary to support and maintain a platform. Unisys provides cost-effective solutions that leverage staff in many locations, driving the cost of servicing the environment to effective and efficient levels. |

4. We are also pleased to provide cloud related professional and consulting services. The table below outlines the list of labor categories available for procurement from Unisys.

**Unisys provided Professional & Consulting Services Labor Categories**

| Title | Role Descriptions |
|---|---|
| Cloud Practice Director | Manages the delivery of contracted services to clients to maintain time, quality, and cost of delivery. Maintains tight control over the project schedule, risks, scope of work, and budget; confirms that operational teams and subcontractors have a clear understanding of client requirements. Builds and maintains strong client relationships; provides day-to-day client advice and support. -Promotes the organization's capabilities to clients, identifies sales opportunities to be forwarded to the account managers, and achieves contract extensions or additional business in the accounts. Contracts may involve both short- and long-term commitment of service and vary significantly in value or strategic importance. |
| Cloud Program Manager | Manages very complex programs, high-risk programs, or both. May manage fixed price contracts. Oversees program budget and schedules. May direct staff. Has primary responsibility for program growth; may market new technology or acquire follow-on business. The total value of programs under this manager's responsibility is more than $100 million (over the life of the contract, not annually). May be responsible for programs of a lower dollar value if they are more complex or developmental.<br>This description does not include engineers or other individuals who are temporarily assigned program management responsibilities and technical functional managers for a program. |

| Title | Role Descriptions |
|---|---|
| Transition Manager | Manages programs of moderate risk and complexity or may have deputy responsibility for a large program. Is frequently involved simultaneously in several programs. Oversees program budget and schedules prepared by subordinate staff. May have supervisory responsibilities, including hiring, firing, and salary and performance management. May have primary responsibility for program growth. Serves a primary client contact. The total value of programs under this manager's responsibility is $10 million to $50 million over the life of the contract, not annually. (For India, the incumbent manages a project team of 100 to 200 employees.) May be responsible for programs of a lower dollar value if they are more complex or developmental.<br>This description does not include engineers or other individuals who are temporarily assigned program management responsibilities and technical functional managers for a program. |
| Project Manager | Oversees one or more of the following: hardware/software architecture, operating systems, system configuration and control, and Cloud Migration projects. Provides subordinates with guidance based on organizational goals and company policy. Accomplishes results through subordinates' meeting schedules and resolving technical or operational problems. Develops and administers budgets, schedules, and performance standards. Assists in the development of overall objectives and long-range goals for the assigned area. Manages employees with higher skills, more than two clients, projects that are medium to complex. Has more project management and transformation responsibilities. |
| Quality Assurance Manager | Provides data-driven analysis of business processes; helps to implement improvements in the client focus, efficiency, accuracy, and effectiveness of these processes. Delivers champion awareness training; implements business processes in organizations. Provides expertise in external standards and validations (e.g., ISO 9000). Proficient in a wide range of improvement tools, including statistics. Leads and directs a team of professional individual contributors with specific assigned program objectives. Interprets and applies policy; translates goals to programs and projects. |
| Lead Cloud Architect | This role is subject to Unisys billing rates as well as productivity, utilization, and total chargeability metrics. Only billable/direct client chargeable employees are to be assigned to this role.<br>Works in and across practices and organizations to design leading-edge technology or application solutions that lead to profitable revenue growth for Unisys. Conceptualizes, architects, designs, implements, and supports integrated solutions for client engagements. Demonstrates extensive knowledge of industry, technology, and strategy trends; uses this knowledge to generate profitable revenue growth for Unisys. Builds relationships with product development organizations; is recognized by these organizations as a key product champion who adds value through exposure to client situations. Advises, analyzes, researches, designs, installs, and implements complex integrated solutions for an entire enterprise. Interacts extensively with the client's senior management team (e.g., IT directors) on business, systems, architectural, and technical issues. Provides other architects with mentoring and team leadership. Develops the integrated technology requirements project plan. Integrates complex solutions with new or existing client environments. Uses advanced diagnostic analytical and design capabilities. Confirms that the client is provided with the best solution (e.g., completes solution integrity engineering and development attributes). |

| Title | Role Descriptions |
|---|---|
| Infrastructure Migration Consultant | Analyzes and evaluates major system project requirements of considerable complexity and that require a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements and provides direction for the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex multiple interlinked systems. Defines system objectives and prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions by applying systems and methods of engineering techniques. Reviews alternate approaches and selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned problems. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development to a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as organization spokesperson for advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field. |
| Monitoring Specialist | Performs Tier 1 operating system-specific tasks to support a host environment. Supports and maintains servers, networks, messaging, mainframes, database environments, and/or host infrastructures. Responds to service outages and other problems and issues; serves as a Tier 1 escalation point for well-defined incidents and basic problems, working under general supervision. |
| Storage Specialist | Delivers Level 2 remote hardware and software support services to clients to resolve product use and multi-product/platform problems, and/or questions relating to storage on enterprise systems across networks and in the cloud. Provides referrals, dispatches, or both to other service providers to confirm that the client's service level and technical requirements are met. Provides design and implementation support for storage innovations. Prepares and approves technical documentation; verifies that technical and client documentation is clear, accurate, and complete. Identifies training needs. May develop and conduct training sessions for other analysts and clients. May lead teams of analysts on defined projects. |
| Application Migration Architect | This role is subject to Unisys billing rates, productivity, utilization, and total chargeability metrics. Only billable/direct client chargeable employees are to be assigned to this role.<br>Works in and across practices and organizations to design leading-edge technology or application solutions that lead to profitable revenue growth for Unisys. Conceptualizes, architects, designs, implements, and supports integrated solutions for client engagements. Demonstrates extensive knowledge of industry, technology, and strategy trends; uses this knowledge to generate profitable revenue growth for Unisys. Builds relationships with product development organizations; is recognized by these organizations as a key product champion who adds value through exposure to client situations. Advises, analyzes, researches, designs, installs, and implements complex integrated solutions for an entire enterprise. Interacts extensively with the client's senior management team (e.g., IT directors) on business, systems architectural, and technical issues. Provides other architects with mentoring and team leadership. Develops the integrated technology requirements project plan. Integrates complex solutions with new or existing client environments. Uses advanced diagnostic, analytical, and design capabilities. Confirms that the client is provided with the best solution (e.g., completes solution integrity engineering and development attributes). |

| Title | Role Descriptions |
|---|---|
| Database Consultant | Analyzes and evaluates major system project requirements of considerable complexity that requires a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; provides direction for the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field.This description does not include those with full supervisory responsibility. |
| Risk, Compliance and Security Consultant | Analyzes and evaluates major system project requirements of considerable complexity that requires a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; provides direction in the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field.This description does not include those with full supervisory responsibility. |

| Title | Role Descriptions |
|---|---|
| Network Specialist | Analyzes and evaluates major system project requirements of considerable complexity that requires a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; provides direction for the identification of problems and their potential resolution. Provides analytical support in the conceptualization, development, and implementation of complex multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Acts as advisor to management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field. This description does not include those with full supervisory responsibility. |
| Service Delivery Manager | Is accountable for managing the delivery of contracted outsourced services such as business process and information technology to clients with account revenue of $6 million to $15 million per year (levels are based on the size of account revenue). Serves as the primary point of contact to one or more clients on overall and day-to-day service delivery. Verifies that SLAs (service level agreements) and KPIs (key performance indicators) defined in the relevant contracts are met or exceeded. To enable implementations and ongoing services to be delivered on time and meet client requirements, maintains tight control over the project's schedule, risks, scope of work, and budget. Builds and maintains strong client relationships; participates in client meetings on performance to confirm client satisfaction. Verifies that operational teams and subcontractors maintain a clear understanding of the client's needs; provides day-to-day client advice and support. Promotes the organization's capabilities; works to achieve contract extensions or win additional business in the accounts.<br>This description does not include specific technical functional managers or other individuals who are temporarily assigned project management responsibilities. |

| Title | Role Descriptions |
|---|---|
| Disaster Recovery Specialist | Analyzes and evaluates major system project requirements of considerable complexity that requires a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; and provides direction for the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex, multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field. This description does not include those with full supervisory responsibility. |
| AWS Specialist | Analyzes and evaluates major system project requirements of considerable complexity that require a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; provides direction for the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex, multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas and guides their development into a final product. Erroneous decisions or recommendations would typically result in failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as organization spokesperson on advanced projects and/or programs. Acts as advisor to management on advanced technical research studies and applications. May provide work leadership for lower level employees. Considered expert in field. This description does not include those with full supervisory responsibility. |

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| Azure Specialist | Analyzes and evaluates major system project requirements of considerable complexity requiring a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements and provides direction in the identification of problem and potential resolution. Provides analytical support in the conceptualization, development and implementation of complex, multiple inter-linked systems. Defines system objectives and prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements and develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches and selects appropriate methodology. Addresses complex problems where analysis of situations or data requires and evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections in technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems and provides solutions which are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field.This description does not include those with full supervisory responsibility. |
| VMware Specialist | Analyzes and evaluates major system project requirements of considerable complexity that requires a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; and provides direction for the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex, multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field.<br>This description does not include those with full supervisory responsibility. |

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| ServiceNow Specialist | Analyzes and evaluates major system project requirements of considerable complexity that requires a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; and provides direction for the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex, multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field. This description does not include those with full supervisory responsibility. |
| Google Specialist | Analyzes and evaluates major system project requirements of considerable complexity that requires a thorough understanding of the parameters affecting and interfacing with the system. Reviews user requirements; and provides direction for the identification of problems and their potential resolution. Provides analytical support for the conceptualization, development, and implementation of complex, multiple interlinked systems. Defines system objectives; prepares system design specifications to meet user requirements and satisfy interface problems. Formulates logical statements of user requirements; develops solutions through application of systems and methods of engineering techniques. Reviews alternate approaches; selects appropriate methodology. Addresses complex problems for which the analysis of situations or data requires an evaluation of often intangible factors. Reviews literature, patents, and current practices relevant to the solution of assigned projects. Recommends corrections to technical applications and analysis. Evaluates vendor capabilities to provide required products or services. Is accountable for technical contributions that lead to a profitable return on technical investment. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems; provides solutions that are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Work is checked through consultation and agreement with others instead of a formal review by the leader. Develops advanced technological ideas; guides their development into a final product. Erroneous decisions or recommendations would typically lead to failure to achieve critical organizational objectives and affect the image of the organization's technological capability. Serves as the organization's spokesperson on advanced projects, programs, or both. Advises management on advanced technical research studies and applications. May provide lower level employees with work leadership. Considered expert in field. This description does not include those with full supervisory responsibility. |

| Title | Role Descriptions |
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| System Administrator | Delivers Level 2 remote hardware and software support services to clients to resolve product use, multiproduct/platform problems and/or questions relating to enterprise systems, networks, and application software, as well as desktop applications that are beyond the scope of the client's Level 1 help desk support function. Provides referrals, dispatches, or both to other service providers to confirm that the client's service level and technical requirements are met. Provides the client and Unisys management with alerts and information on a situation's status. Coordinates critical client issues and implementations of new products, systems, or both. Prepares and approves technical documentation; verifies that the documentation is clear, accurate, and complete. Identifies training needs. May develop and conduct training sessions for other analysts and clients. May lead teams of analysts on defined projects. |