



Adept Technologies Inc.

For more than 19 years Adept Technologies® has been providing fully integrated enterprise software solutions to corporate and municipal government clients across North America.

We have built a reputation of providing state of the art software systems, with excellence and exceptional customer service.

Since the release of our Elite Enterprise Software “Adept Enterprise®” in the 3rd quarter of 2002, our robust and solid foundation has continued to provide a center of expansion of technology by modular platforms.

With today’s mounting threats with cyber security we now require our products infrastructure to be secured by the Adept Secure® Standard. This standard is updated monthly by Adept Technologies Inc.

To ease our customers with this threat we provide Adept Secure® the secure cloud that protects the Adept Enterprise® foundation, its modular platforms and data. Customers who are already on the myadept.com infrastructure will be moved automatically over to the adeptsecure.com infrastructure. All new customers will be on the adeptsecure.com infrastructure.

Adept Enterprise® Secure, the secure Enterprise as a Service (EaaS) advanced cloud computing service protects the Adept Enterprise® foundation, its modular platforms, infrastructure and data.

The Adept Enterprise® Secure is a private cloud enterprise platform that provides convenient, centralized access for the comprehensive management and automation of mission critical systems. Accessing systems in the secure Adept EaaS private cloud environment not only enhances productivity, but also streamlines management processes and enhances working relationships with your business customers, saving time and money.

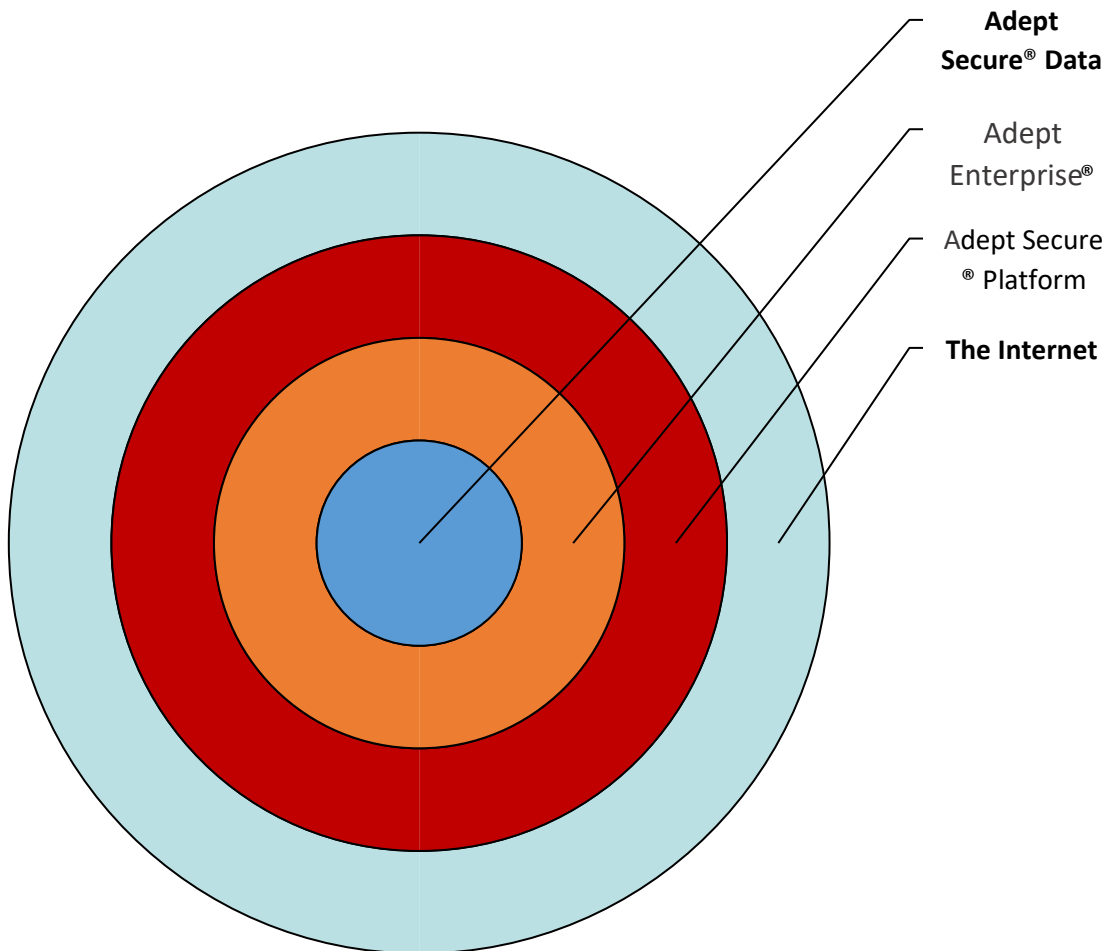
Adept offers integrated cyber security technology within all of our EaaS Business Process Management software systems. With today’s mounting cyber security threats, Adept mandates that our products and infrastructure must be secured with Adept Secure® services. Adept’s secure technology ensures that sensitive data remains safe and that end users are protected. Adept’s services are coupled with 24X7 monitoring and expert guidance from our professionals.

Every Adept system comes with end to end customization tailored to meet your organization’s unique business processes and growing needs. Adept’s flexible Enterprise as a Service licensing plans provide you with options to purchase only what you need.

Adept Technologies offers many Premier Enterprise Software platforms. All premier platforms are customizable to meet your specific requirements.



Master Layer Core Viewpoint



Adept Secure ® Platform

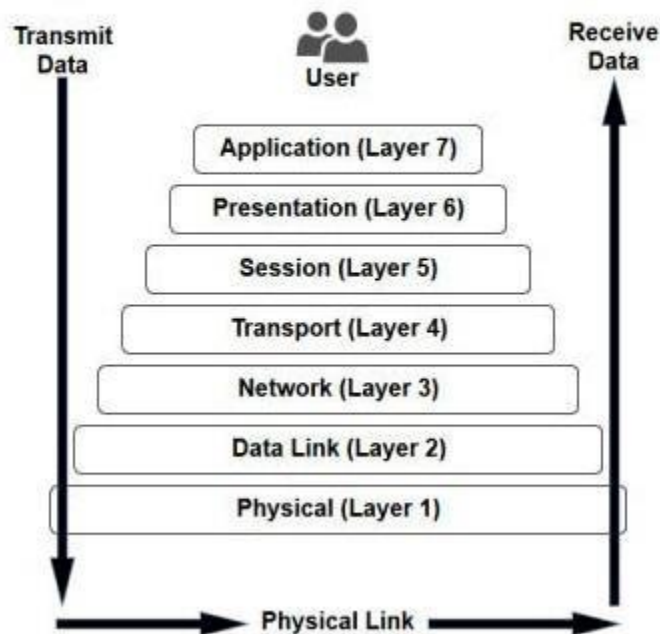
Secures and Monitors - Seven Layers of Open Systems Interconnection (OSI)

The *Open System Interconnection (OSI)* model defines a *networking framework to implement protocols in seven layers*. The OSI model doesn't perform any functions in the networking process. It is a *conceptual framework* so we can better understand complex interactions.

The International Standards Organization (ISO) developed the Open Systems Interconnection (OSI) model. It divides network communication into seven layers. Layers 1-4 are considered the lower layers, and mostly concern themselves with moving data around. Layers 5-7, the upper layers, contain application-level data. Networks operate on one basic principle: "pass it on." Each layer takes care of a very specific job, and then passes the data onto the next layer.

In the OSI model, control is passed from one layer to the next, starting at the application layer in one station, and proceeding to the bottom layer, over the channel to the next station and back up the hierarchy. The OSI model takes the task of inter-networking and divides that up into what is referred to as a *vertical stack* that consists of the following 7 layers.

The 7 Layers of OSI



Physical (Layer 1)

OSI Model, Layer 1 conveys the bit stream - electrical impulse, light or radio signal — through the network at the electrical and mechanical level. It provides the hardware means of sending and receiving data on a carrier, including defining cables, cards and physical aspects. Fast_Ethernet, RS232, and ATM are protocols with physical layer components.

Layer 1 Physical examples include Ethernet, FDDI, B8ZS, V.35, V.24, RJ45.

Data Link (Layer 2)

At OSI Model, Layer 2, data packets are encoded and decoded into bits. It furnishes transmission protocol knowledge and management and handles errors in the physical layer, flow control and frame synchronization. The data link layer is divided into two sub layers: The Media Access Control (MAC) layer and the Logical Link Control (LLC) layer. The MAC sub layer controls how a computer on the network gains access to the data and permission to transmit it. The LLC layer controls frame synchronization, flow control and error checking.

Layer 2 Data Link examples include PPP, FDDI, ATM, IEEE 802.5/ 802.2, IEEE 802.3/802.2, HDLC, Frame Relay.

Network (Layer 3)

Layer 3 provides switching and routing technologies, creating logical paths, known as virtual circuits, for transmitting data from node to node. Routing and forwarding are functions of this layer, as well as addressing, internetworking, error handling, congestion control and packet sequencing.

Layer 3 Network examples include AppleTalk DDP, IP, IPX.

Transport (Layer 4)

OSI Model, Layer 4, provides transparent transfer of data between end systems, or hosts, and is responsible for end-to-end error recovery and flow control. It ensures complete data transfer.

Layer 4 Transport examples include SPX, TCP, UDP.

Session (Layer 5)

This layer establishes, manages and terminates connections between applications. The session layer sets up, coordinates, and terminates conversations, exchanges, and dialogues between the applications at each end. It deals with session and connection coordination.

Layer 5 Session examples include NFS, NetBios names, RPC, SQL.

Presentation (Layer 6)

This layer provides independence from differences in data representation (e.g., encryption) by translating from application to network format, and vice versa. The presentation layer works to transform data into the form that the application layer can accept. This layer formats and encrypts data to be sent across a network, providing freedom from compatibility problems. It is sometimes called the syntax layer.

Layer 6 Presentation examples include encryption, ASCII, EBCDIC, TIFF, GIF, PICT, JPEG, MPEG, MIDI.

Application (Layer 7)

OSI Model, Layer 7, supports application and end-user processes. Communication partners are identified, quality of service is identified, user authentication and privacy are considered, and any constraints on data syntax are identified. Everything at this layer is application-specific. This layer provides application services for file transfers, e-mail, and other network software services. Telnet and FTP are applications that exist entirely in the application level. Tiered application architectures are part of this layer.

Layer 7 Application examples include WWW browsers, NFS, SNMP, Telnet, HTTP, HTTPS, FTP

Adept Secure[®] Standard.



ADEPT SECURE[®] sets the new standard in providing never before seen levels of protecting data and integrity of computing assets belonging to or connecting to an organization's network. Its purpose is to defend those assets against all threat actors throughout the entire life cycle of any cyber-attack.

The US power industry is the target of unprecedented amount of cyber terror risks and threats. Hacking, cracking, kill chains, zero-day attacks, ransomware, alert fatigue and other attacks have reached levels of sophistication surpassing the capabilities of most organizations to defend against.

Adept Enterprise[®]

Management Edition

The Adept Enterprise[®] Management System is a software system that provides for the comprehensive management of all activities to conduct business. It is specifically designed for Municipal Governments, Hydropower Project Reservoirs licensed by FERC, Corporate Real Estate Divisions, Water Districts, EPA, U.S. Army Corps of Engineers, Permit and Licensing operations.

Adept's Enterprise[®] Management System consolidates your management operations and workflow processes, providing convenient, centralized access to permits, inspections, cases, accounts, and license data.

Every Adept solution comes with end to end customization tailored to meet the unique and growing needs of your organization. Adept also offers Hosted Software as a Service plans for all its products, providing customers with state of the art, Secure Private Cloud options.



Adept Enterprise[®]

Management Edition

Module**Adept Enterprise**[®]**Feature Module Sets**

Task Management (Workflow)
Manage Activities
Start Activities
Manage Properties
Manage Accounts (Annual Fees)
Manage Professionals (CDB)
Portal
Organization Management (ATS)
Reports

Feature Module Subsets

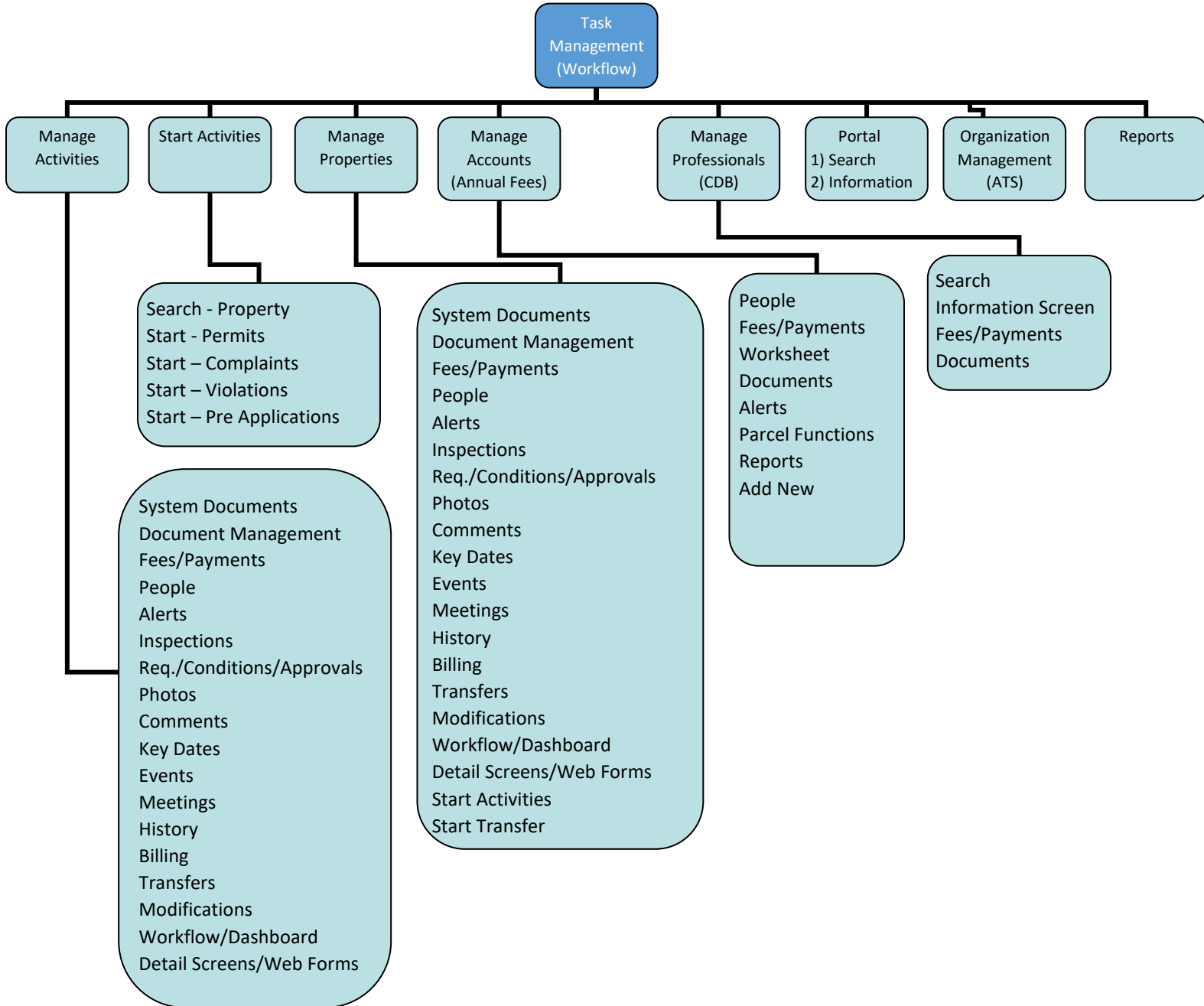
System Documents
Document Management
Fees/Payments
People
Alerts
Inspections
Req./Conditions/Approvals
Photos
Comments
Key Dates
Events
Meetings
History
Billing
Transfers
Modifications Workflow/Dashboard
Detail Screens/Web Forms

Module ToolsAdept Enterprise[®] - Administration**Peripheral Interfaces**

Historic Documents – GIS - Adept Automation



Feature Module Sets



Adept Technologies Product Functionality Matrix

This document is a guide for helping you determine the level, master platforms, single platforms and modules of the Adept Enterprise[®] foundation that best fits your organization.

In the overview section that follows, you are presented with the Adept Enterprise[®] Platforms and Modules. You should compare this information with the capabilities you need, the number of people in your organization, and the work these people perform.

As always, an Adept representative can help you further to define what capabilities you require to meet your objectives.

Functionality Matrix Overview – Master Platforms

Selecting the Appropriate Adept Enterprise[®] Master Platform

Asset Management

The Adept Enterprise[®] foundation

Land Management

The Adept Enterprise[®] foundation

- Building
- Planning
- Code Enforcement
- Public Health
- Social Services
- Public Works

Shoreline Management

The Adept Enterprise[®] foundation

Forestry Management

The Adept Enterprise[®] foundation

Functionality Matrix Overview - Levels

Selecting the Appropriate Adept Enterprise ® Level for Master Platforms

The Adept Enterprise ® foundation is offered in three levels. Each successive level offers greater functionality.

Standard

The Adept Enterprise ® foundation Standard Level

Advanced

The Adept Enterprise ® foundation Advanced Level

Elite

The Adept Enterprise ® foundation Elite Level

Contact us today to get detailed information on our Matrix Levels



Functionality Matrix Master Platform Overview

MODULE SERVICE CAPABILITIES	STANDARD	ADVANCED	ELITE
Start Activities/Records	Included	Included	Included
Manage Activities/Records	Included	Included	Included
Manage Properties	Included	Included	Included
System Documents	Included	Included	Included
Standard Reporting	Included	Included	Included
Fees/Payments	Included	Included	Included
People	Included	Included	Included
Alerts	Included	Included	Included
Adhoc Reporting	<i>Optional</i>	Included	Included
Inspections	<i>Optional</i>	Included	Included
Req./Conditions/Approvals	<i>Optional</i>	Included	Included

Document Management	<i>Optional</i>	Included	Included
Photos	<i>Optional</i>	Included	Included
Comments	<i>Optional</i>	Included	Included
Key Dates	<i>Optional</i>	Included	Included
Events	<i>Optional</i>	Included	Included
Meetings	<i>Optional</i>	Included	Included
History	<i>Optional</i>	<i>Optional</i>	Included
Billing	<i>Optional</i>	<i>Optional</i>	Included
Transfers	<i>Optional</i>	<i>Optional</i>	Included
Workflow/Dashboard	<i>Optional</i>	<i>Optional</i>	Included
Custom Detail Screens/Web Forms	<i>Optional</i>	<i>Optional</i>	Included
Contractors/Licensed Professionals	<i>Optional</i>	<i>Optional</i>	Included
Admin Toolsets	<i>Optional</i>	<i>Optional</i>	<i>Optional</i>
Integration Toolsets	<i>Optional</i>	<i>Optional</i>	<i>Optional</i>

Functionality Matrix Overview – Single Platforms

Selecting the Appropriate Adept Enterprise ® Platform

Billing Management

The Adept Enterprise ® foundation

Document Management

The Adept Enterprise ® foundation

Licensing Management

The Adept Enterprise ® foundation

Organization Management

The Adept Enterprise ® foundation

Portal Management

The Adept Enterprise ® foundation

Note: *Optional* services use licenses can be purchased and added to any level if they are not included.

Hardware Matrix

Typical Production 1 Environment



- Secure Server Microsoft Server 2012 R2 - Microsoft Server 2019

- Adept Secure



- Web Server Microsoft Server 2012 R2 - Microsoft Server 2019

- Adept Enterprise



-Database Server Microsoft Server 2012 R2 - Microsoft Server 2019/SQL Server 2016 Sp1



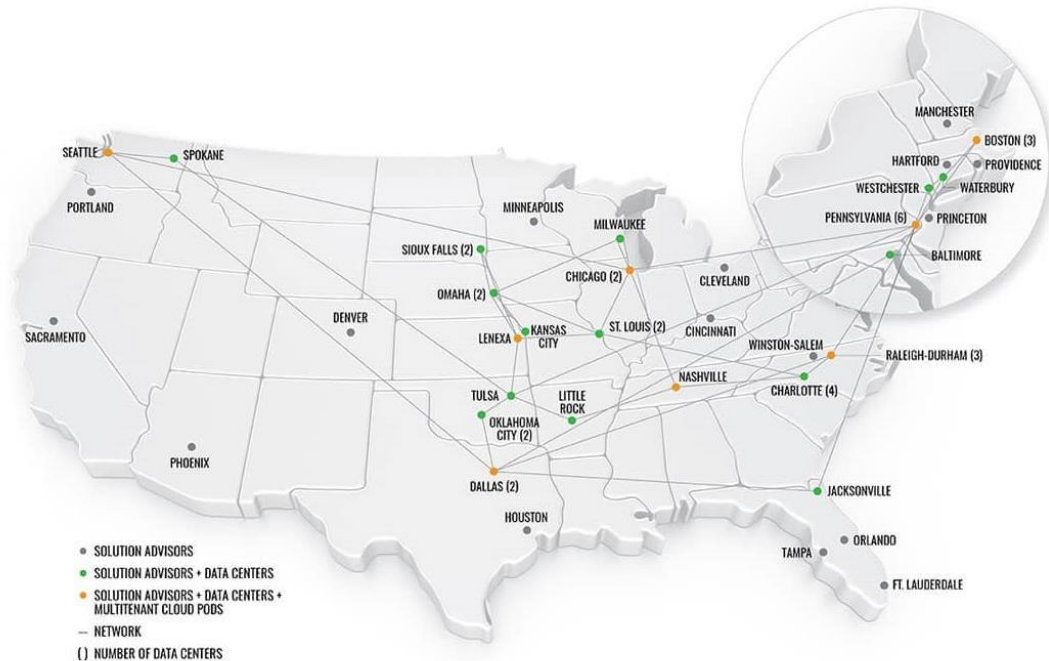
-Backup Server Microsoft Server 2012 R2 - Microsoft Server 2019

Optional add on for Production 1



- GIS Server Microsoft Server 2019 – ESRI ARCGIS Server 10.4.1 – 10.7 or newer (Must have valid license(s) from ESRI)

Hardware Matrix - (continued)



Locations of Production 2 environments can be at any location that is available on the above map.

Simple Conclusion

We offer Adept Enterprise® in 3 flavors. Private Cloud, On Premise, and Hybrid. We know there are certain mission critical systems that can never be placed outside the organization, while other mission systems can.

Offering Adept Enterprise in 3 flavors, On Premise, Private Cloud, and Hybrid gives our customers the flexibility to manage their systems, that best fits their organization, and prevents critical information from being in the hands of the wrong people.

We work together as a team to mold Adept Enterprise® around your organization.