AWS Outposts is a fully managed service that brings the AWS cloud to anywhere you need it to be, whether that is on premises, or in states or countries where you need data to remain local. By bringing the cloud close to your data, you can:

1. **Meet data locality requirements**: By delivering services from in-country datacenter locations, organizations can comply with data residency regulations.
2. **Build next-generation trading and exchange platforms**: Financial services institutions can leverage AWS Outposts to meet the requirements of low latency trading platforms.
3. **Enable retail innovations**: Retailers can use AWS Outposts to bring the cloud to the store and enable local processing capabilities for a better customer experience.
4. **Develop cutting-edge media & entertainment applications**: Media and entertainment organizations can access the latest GPU innovations and use analytics and machine learning for data processing.
5. **Leverage AWS database, container, and analytics services**: Organizations can benefit from the scalability and performance of AWS services.
6. **Simplify modernization**: Organizations can modernize applications using AWS infrastructure and services.

AWS Outposts seamlessly integrates AWS resources on premises and in the AWS Region, providing a consistent on-premises and cloud experience.

How does AWS Outposts enhance your use case?

- **Consistent hybrid experience**: Fully managed infrastructure with common capability and a consistent API.
- **Seamless integration**: AWS management tools, virtual network functionality at any network operations center.
- **Scalable processor technology**: Like AWS, but suited to the environment.
- **Centralized operations**: Managed and monitored with automatic patches and upgrades, health and energy efficiency, easy serviceability and higher reliability.
- **Centralized redundant power conversion unit and DC distribution system**: For optimized purposes.
- **Redundant active components including top of rack switches**: For seamless operation.
- **Deploy, build, use the same infrastructure, services, APIs, management, and operations everywhere. Get a truly consistent developer and IT operations experience across on premises and cloud.**

Get started with AWS Outposts today

1. Log into the AWS Management Console to create a site
2. Select an Outposts configuration
3. Place your order

AWS brings the cloud to anywhere you need it to be! 

75% of enterprise applications that are on-premises

71% of organizations with hybrid deployments

Outposts bring AWS infrastructure and services on premises

- Fully managed cloud infrastructure
- Run your own AWS services on premises
- Store and process data that needs to remain local, for security reasons.
- Deliver the best digital experiences to customers. With AWS Outposts you can:
  - Serve all participants at low latency and at physical locations.
  - Reduce latency costs and get the most of your applications using AWS infrastructure and services.

Telecommunications providers need to offer reliable network services in many locations. With common infrastructure, services, APIs, and tools across their cloud and on-premises environments, your workstations require single digit millisecond latency. Local data processing and meeting regulatory requirements for telecommunication providers:

- Local data processing
- Data residency
- Low latency
- Scalable processors
- Intel® Xeon®
- Store and process data
- Deliver the best digital experiences to customers

Manufacturing control

- Modernization of applications
- Centralized operations
- Seamless integration
- Fully managed infrastructure
- Scalable processor technology
- Centralized redundant power conversion unit and DC distribution system

Financial services institutions are facing regulatory challenges and competing to meet data locality requirements, low latency by running them on premises or close to end users, and compliance with regulations.

- Financial services
- Retail
- Manufacturing control
- Media & Entertainment
- Telecom
- Retail
- Manufacturing control
- Media & Entertainment
- Telecom
- Financial services

AWS Outposts service includes the core AWS infrastructure we use in-region.