



## Case Study

### ASE Energía Modernizes Its IT Landscape with Managed Services on Oracle Cloud Infrastructure

ASE Energía y Gestión, S.L. ("ASE") is a Spanish energy services company supporting operational, analytical, and business-critical systems that require continuous availability, strong performance, and secure connectivity. As its business evolved, ASE faced the challenge of modernizing an aging, on-premises infrastructure while ensuring uninterrupted service delivery for its core applications.

To address these requirements, ASE selected Oracle Cloud Infrastructure (OCI) as the foundation for its server and database environment and partnered with Broadpin to design, migrate, and operate the platform under a managed services model. Since 2017, ASE has been running its production workloads on OCI, benefiting from a scalable, secure, and professionally managed cloud environment.

#### The Challenge

ASE needed to transition several physical, on-premises servers to a modern cloud infrastructure without disrupting day-to-day operations or losing control over critical systems.

Key challenges included:

- Ensuring high availability and consistent performance for transactional, analytical, and reporting workloads
- Establishing secure and encrypted connectivity between the cloud environment and corporate offices
- Supporting a mixed workload landscape, running both Oracle and non-Oracle technologies
- Introducing a managed operating model with defined support services and clear operational accountability

- Reducing dependency on on-premises hardware while maintaining operational continuity

The objective was not purely technical. ASE required an infrastructure platform that could modernize its IT operations, reduce operational risk, and provide a stable foundation for long-term business needs.



## The Solution

ASE partnered with Broadpin to migrate its existing infrastructure to Oracle Cloud Infrastructure and to provide ongoing managed cloud services.

Broadpin delivered an end-to-end solution based on Oracle Infrastructure as a Service (IaaS), covering:

- Cloud architecture design and provisioning
- Configuration of OCI compute, storage, and networking services
- Migration of on-premises environments to OCI
- Implementation of secure site-to-site VPN connectivity
- Ongoing managed services and operational support

This approach enabled ASE to modernize its infrastructure while maintaining full operational control over its applications and data.

## Oracle Workloads on Oracle Cloud Infrastructure

ASE operates a wide range of Oracle workloads on OCI, supporting both operational and analytical requirements.

Key Oracle components include:

- Oracle Autonomous AI Database.
  - The Autonomous Database hosts core data workloads.
  - A legacy custom desktop application was replaced with a modern web-based application developed using Oracle APEX.
  - Oracle REST Data Services (ORDS) and Oracle APEX are used to expose REST APIs.
- Oracle Database Standard Edition.
- Oracle Analytics Cloud (OAC) for reporting and analytics.
- Oracle Data Integrator (ODI) for data integration workloads.
- OCI Compute for virtualized application and database servers.
- OCI Block Storage and OCI Object Storage.

Together, these services support ASE's transactional processing, analytics, reporting, and integration requirements.



## Non-Oracle Workloads on Oracle Cloud Infrastructure

In addition to Oracle technologies, ASE operates several non-Oracle components on the same OCI platform, enabling a unified and flexible cloud environment.

Non-Oracle workloads include:

- MySQL HeatWave.
- Linux-based application servers.
- File services using NFS and CIFS.
- Web and application services.
- Secure VPN connectivity components.

This mixed workload model allows ASE to consolidate Oracle and non-Oracle systems within a single, secure cloud platform,

## Oracle Cloud Services Used

ASE's cloud environment leverages a broad set of Oracle Cloud services, including:

- OCI Compute (virtual machines).
- OCI Block Storage.
- OCI Object Storage.
- OCI Networking, including encrypted site-to-site VPN connectivity.

- Oracle Database Cloud Service – Standard Edition.
- Oracle Database Backup Service.
- Email Delivery.
- API Gateway.

These services provide the technical foundation for reliability, scalability, and secure operations.

## Service Timeline

- Initial migration to Oracle Cloud Infrastructure: September 2017
- Start of managed cloud services: September 2017
- OCI has been used continuously for production workloads since the initial migration

This long-running deployment reflects a stable, mature cloud environment rather than a short-term or experimental implementation.



## Managed Services Model

Managed cloud services for ASE are delivered by Broadpin under yearly renewable contractual terms:

- Initial managed services engagement began in 2017.
- Services are renewed annually, confirming the continuation of Oracle IaaS hosting and managed operations

## Managed Cloud Services Scope

Under the managed services agreement, Broadpin provides:

- Oracle IaaS hosting and infrastructure management.
- Installation and configuration of cloud resources.
- Migration of existing environments to OCI.
- Monitoring and operational support (12x5).

This managed operating model ensures stable daily operations and reduces the operational burden on ASE's internal teams.

## Business Outcomes

### Operational Benefits

- Improved availability and reliability of IT systems
- Secure, encrypted connectivity between cloud and corporate offices
- Scalable infrastructure capable of supporting future growth
- Centralized management of Oracle and non-Oracle workloads

### Business Benefits

- Reduced dependency on on-premises hardware
- More predictable cloud operating costs
- A modernized IT platform aligned with business and operational requirements



## Summary

By migrating its infrastructure to **Oracle Cloud Infrastructure** and adopting a managed services model with Broadpin, ASE has successfully modernized its IT landscape while maintaining continuity and control over business-critical systems. The long-term use of OCI for production workloads demonstrates the stability, scalability, and suitability of Oracle Cloud as a foundation for ASE's operations.

This case serves as an example of how a mixed Oracle and non-Oracle cloud environment, combined with structured managed services, can support modernization goals while delivering reliable and secure day-to-day operations.



# **broadpin**

Your solution is here.