



Ortholite-case-study

:Core5

OrthoLite India, located in Ambur, Tamil Nadu, is the most recent addition to OrthoLite's portfolio of vertically integrated, global facilities. Adding to OrthoLite's global capacity of over 1 billion pairs of foaming and insole production. OrthoLite India secures another one of the premier footwear manufacturing regions with the category leader in sustainable comfort. OrthoLite India opened its doors in June 2021 and is now fully operational, ready to further expand local capacities to meet the needs of our brand partners.



About Ortholite

OrthoLite's portfolio of vertically integrated, global facilities. Adding to OrthoLite's global capacity of over 1 billion pairs of foaming and insole production.

What We Make?

At present, OrthoLite India makes the following OrthoLite products:

- Open-cell PU sheets
- Laminated sheets
- Die cut insoles
- Molded foot beds

what we are?

As the number 1 nominated insole provider to 470 footwear brands across all categories and price points, it is critical that OrthoLite supports all of the global production regions that our brand partners operate within. OrthoLite India was another strategic investment to support this expansion initiative.

An Experienced Management Team

Together, with nearly 100 team members working in the factory at OrthoLite India, they focus their talent and energy on one mission: delivering an impeccable OrthoLite product to our brand partners in a way that elevates service, ease, delivery times, and sustainability practices.

Customer Challenges

The client faced numerous challenges with their on-premise infrastructure, including scalability limitations, increasing costs, and performance issues.

Scalability Constraints

The on-premise infrastructure could not handle the growing business demands, resulting in system limitations and potential downtime.

Costly Infrastructure

Managing and maintaining the hardware infrastructure was becoming increasingly expensive, impacting the client's overall budget.

Performance Bottlenecks

The client experienced performance issues and inefficiencies in resource allocation, leading to customer dissatisfaction and revenue loss.

Why AWS?

AWS's scalability, reliability, and global infrastructure offered the perfect solution for the client's growing business needs.

1 Scalable Resources

AWS's cloud infrastructure provided a scalable environment, allowing the client to seamlessly adjust resources to meet changing business demands.

3 Global Reach

AWS's global network of data centers provided low latency and improved performance for users worldwide, enhancing the client's customer experience.

2 High Availability

AWS's robust and redundant infrastructure ensured high availability, minimizing downtime and maintaining application performance.

4 Cost-Effective Solution

AWS's pay-as-you-go model allowed the client to pay only for the resources used, reducing infrastructure costs and improving budget efficiency.





Core5 Systems: AWS Advanced Tier Partner

1

Deep Expertise

Core5 Systems' deep understanding of cloud migrations ensured a smooth and efficient transition to AWS.

2

ERP Specialization

Core5 Systems possessed specialized knowledge in Odoo, ensuring the migration process was tailored to the client's specific requirements.

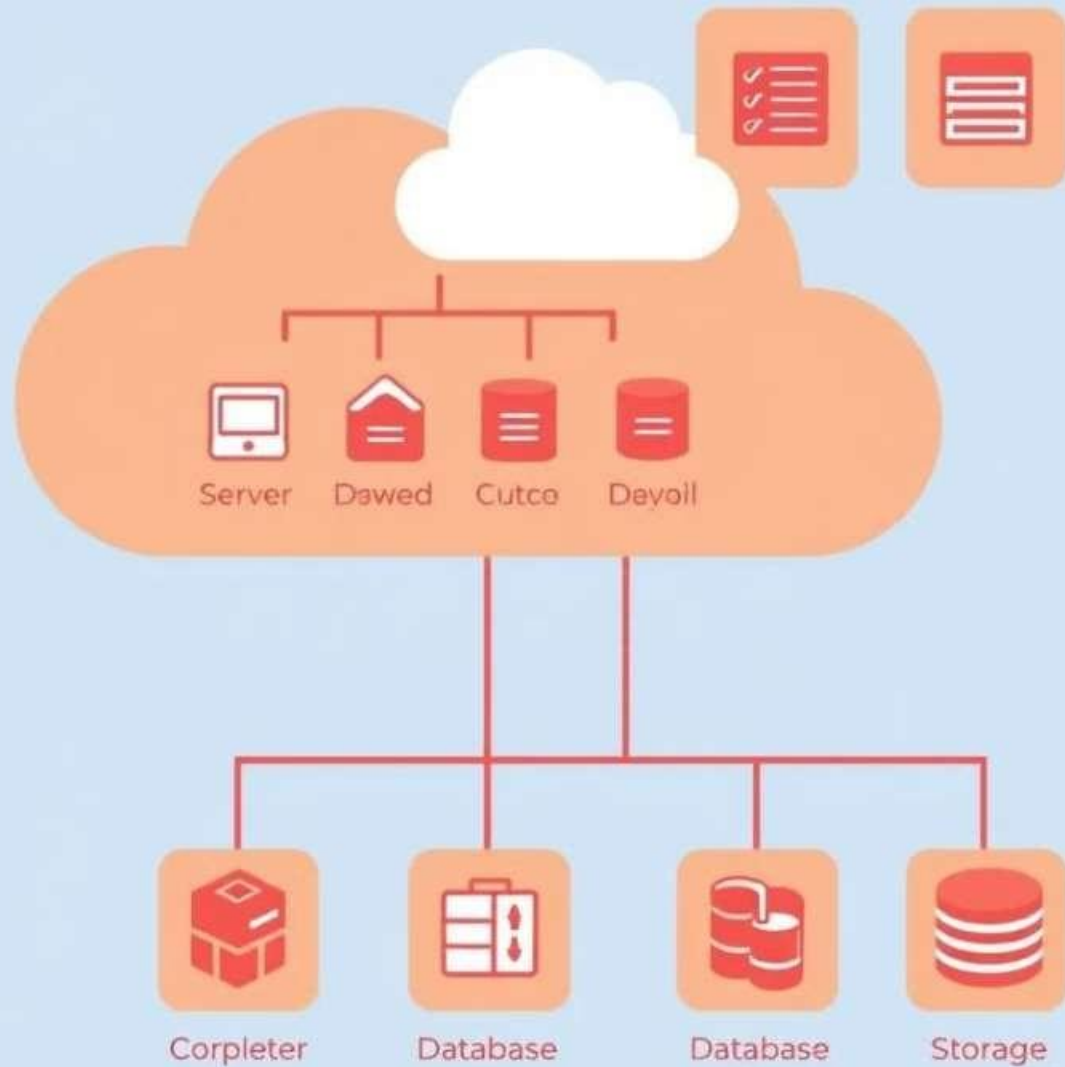
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Client-Centric Approach

Core5 Systems provided a customized solution that met the client's specific needs, addressing performance and cost objectives.

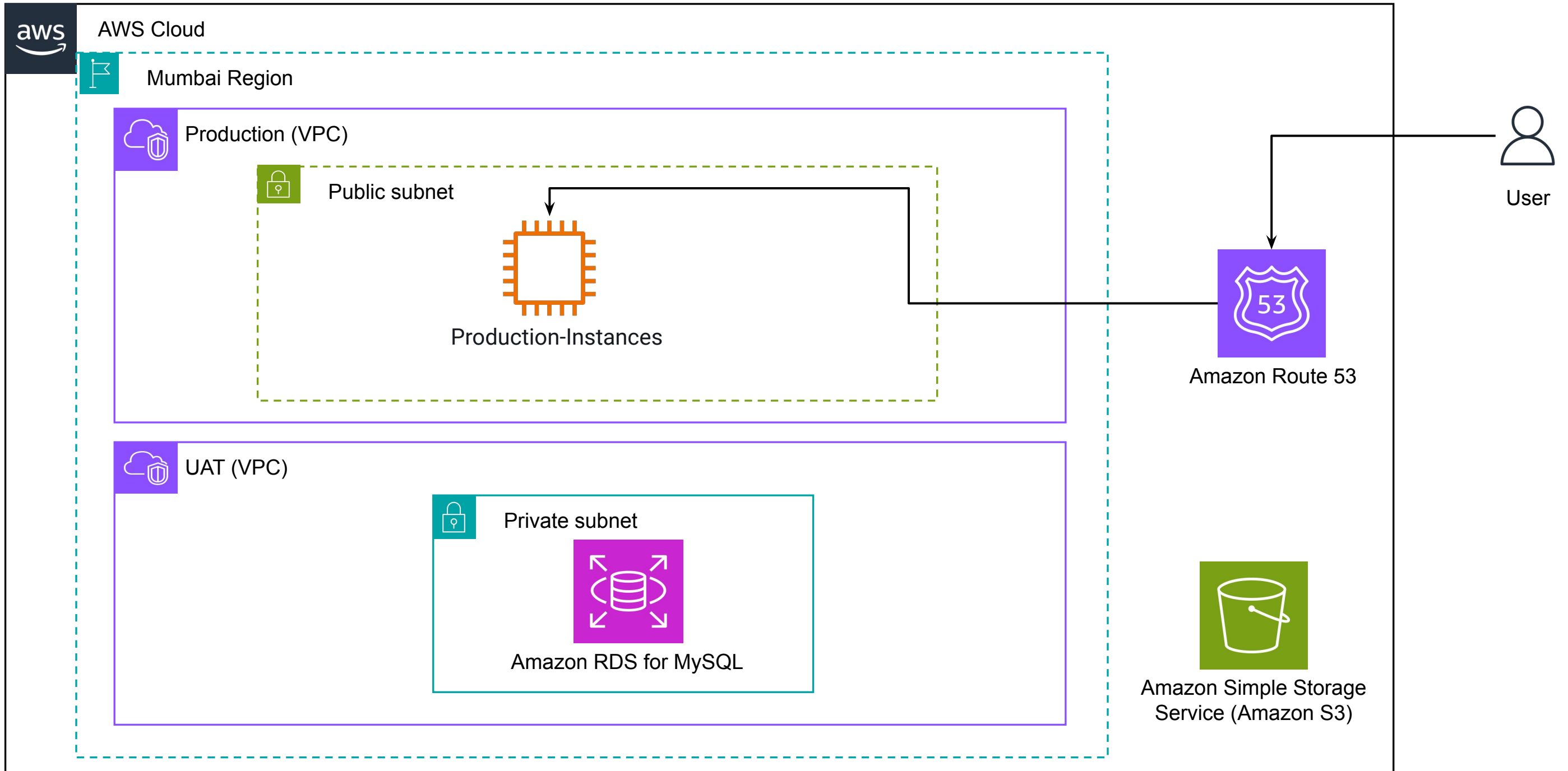
Partner Solution

Core5 Systems designed a cloud architecture on AWS to address the client's challenges, leveraging key AWS services.



Service	Function
Amazon EC2	Provisioned compute instances for production and testing environments.
Amazon RDS (MySQL)	Managed MySQL database service for high availability and simplified administration.
Amazon S3	Secure data storage and backups for durability and easy data retrieval.
Amazon Route 53	Efficient and secure traffic routing to the client's application.

Architecture Diagram





Results and Benefits

Post-migration, the client experienced significant benefits, including reduced costs, improved performance, and enhanced scalability.



Cost Reduction

The client achieved a 40% reduction in infrastructure costs due to AWS's pay-as-you-go model and reduced maintenance overhead.



Performance Improvement

Application latency decreased by 50%, and uptime was maximized through AWS's highly reliable infrastructure.



Seamless Scalability

The client can now easily scale resources to meet fluctuating business demands without worrying about infrastructure limitations.



Zero Unplanned Downtime

The migration ensured zero unplanned downtime, maintaining business continuity and minimizing disruptions to operations.

Next Steps

Ortholite and Core5 Systems will continue supporting the client's AWS infrastructure, focusing on optimization and cost management.

1 Resource Optimization

Further optimizing resource usage to maximize efficiency and minimize cost.

2 Cost Management

Developing strategies to manage and control cloud costs effectively, ensuring long-term financial sustainability.





About Core5 Systems

Core5 Systems is an AWS Advanced Tier Partner specializing in cloud migration, ERP solutions, and infrastructure management.



Cloud Migration Expertise
Core5 Systems has a proven track record of successfully migrating businesses to AWS, offering comprehensive services and support.

ERP Solutions
Core5 Systems provides expertise in implementing and optimizing various ERP systems, including Odoo, to enhance business operations.

Infrastructure Management
Core5 Systems manages and optimizes cloud infrastructure, ensuring high performance, reliability, and security for clients.