

Cloud Migration to OCI

Enhanced Scalability and Cost Optimization

Introduction

Synaptics is changing the way humans engage with connected devices and data, engineering exceptional experiences throughout the home, at work, in the car and on the go. Their customers combine Synaptics' differentiated technologies in touch, display, and biometrics with a new generation of advanced connectivity and AI-enhanced video, vision, audio, speech and security processing. As they grew, Synaptics needed to replace aged facilities with contemporary cloud services and upgrade its complex critical business support systems and business processes within very aggressive timelines. Key objectives included streamlining operational costs, improving the user experience of business automation, and improving elasticity needed to match their complex supply chain needs. Synaptics partnered with Data Intensity as their managed services and cloud consulting provider to help determine the right cloud platform and ensure a seamless migration and successful application modernization.

Client Challenges

Executing on their cloud-first strategy, Synaptics was faced with several challenges:

- **Outdated Infrastructure and Applications:** Synaptics' complex ERP footprint included Oracle E-Business Suite (EBS), SOA for integration services, Hyperion, Agile PLM, OBIEE, ODI for ETL needs, and Oracle OLAP. Because some of these technologies were outdated and off support, the major challenge was to upgrade and modernize all elements by replacing legacy versions with newer, more powerful platforms.
- **Complex Migration:** Migrating these legacy applications while modernizing them in the cloud required careful planning, coordination, and technical expertise to avoid disruptions and data loss.
- **Scalability and Performance:** Synaptics needed the right combination of a scalable and high performance cloud environment to handle its increasing customer demands and growing business operations.
- **Security and Compliance:** As a technology company handling sensitive customer data, Synaptics required enhanced security measures and adherence to industry compliance standards.
- **Minimal Downtime:** Synaptics needed a migration approach that minimized downtime for planned and unplanned outages to avoid disruptions to critical business processes.
- **Operational Cost Efficiency:** After migration, Synaptics needed efficient cloud management and support to ensure optimal performance, availability, and cost control across their Oracle estate.



Synaptics is on the cutting edge of human interface technology. They are the partner of choice for the world's most innovative intelligent system providers who are integrating multiple experiential technologies into platforms that make our digital lives more productive, insightful, secure, and enjoyable.



Solution

Synaptics chose Data Intensity for its comprehensive experience in migrating, modernizing, and managing complex Oracle application workloads on OCI. The migration and modernization was based on Data Intensity's published reference architecture for legacy EBS versions and its experience in partnering with Oracle Cloud Lift Services.

Once migrated, Data Intensity provided a full stack, proactive monitoring and management service, including cloud tenancy with FinOps reporting, proactive technical operations support services for all cloud resources, application, middleware and database platforms inclusive of all high availability and disaster recovery services. Additionally, Data Intensity's robust Oracle License Management services future-proof Synaptics' investments in Oracle technologies.



Initial end-to-end evaluation and analysis of a data-driven and right-sized solution drove faster time to decision and action. Time-to-Live reduced 40%.



Zero down time during business critical operational periods; enhanced performance for business operations; closing cycles and data integration improved by 30%.



Cost drivers are now clearly identified for future optimization efforts and better predictability for future project deployments. Scalability factors are more instantaneous and predictable to match rapid growth needs of the business.



“We needed a partner with a proven track record of managing this type of complexity. Data Intensity not only exceeded our expectations from the initial assessment through the go-live, but delivered ahead of schedule. We look forward to their continued partnership to quickly understand and expand to other workloads, scale our capacity, and meet the needs of our customers and suppliers.”

Sudhakar Parakala, VP of Worldwide IT & Applications, Synaptics

Conclusion

Synaptics' successful migration to Oracle Cloud Infrastructure (OCI), application modernization, and ongoing cloud management and support by Data Intensity demonstrates the value of a strategic and collaborative approach to cloud transformation.

By leveraging Data Intensity's expertise and OCI's advanced capabilities, Synaptics achieved an agile, secure, and cost-efficient cloud infrastructure, allowing the company to focus on innovation and to continue to deliver exceptional products and services to its global customer base.

About Data Intensity

Data Intensity is recognized as an Oracle Strategic MSP partner delivering world-class managed services for the complex lifecycle of Oracle-powered workloads. Offering a complete portfolio under one roof, we provide full-stack, SLA-backed, technical and functional application managed services on any cloud. Our unique differentiation future-proofs our clients' investments in Oracle technologies and applications – from effective license position assessments to cloud-independent migration services, to 24x7 technical operational managed services and functional adaptation of E-Business Suite – to optimally power businesses. We manage Oracle better than anyone, anywhere.

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