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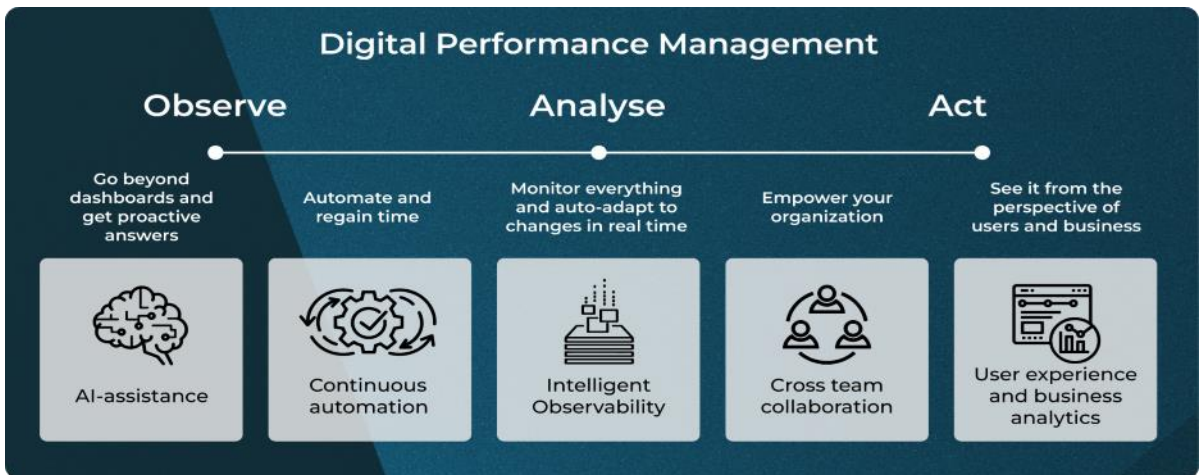
# Azure Cloud Platform

**Empowering with  
End-to-End Full-Stack  
Observability**

As digital transformation speeds up, every company, no matter the industry, needs to move towards digital operations to stay competitive. Balancing growing customer expectations and business complexity with clear control and visibility is essential to succeed today.

In today's digital-first business climate, transformation is rapidly accelerating, and dynamic multi-cloud environments are now the "new normal." We emphasize the significance of leveraging end-to-end full-stack observability, as it enhances or replaces native monitoring solutions on Azure. Our Digital Performance Management practice, powered by Dynatrace, the industry-leading full-stack observability platform, empowers organizations to gain comprehensive insights, optimize performance, reduce costs, and ensure robust operations in their Azure-based environments. Embrace our integrated solution to thrive in the evolving digital landscape with confidence.

## Observe, Analyse, Act: Core Principles



**Observe:** Real-time visibility across systems, apps, and infrastructure for proactive anomaly detection.

**Analyse:** Advanced analytics and ML algorithms swiftly identify root causes, providing actionable insights.

**Act:** Automated remediation, self-healing, and collaboration streamline incident response and continuous improvement.

## Benefits of End-to-End Full-Stack Observability on Azure

**Comprehensive Insights:** Native monitoring on Azure provides limited visibility into individual components, while end-to-end observability on Azure provides a holistic view, identifying performance bottlenecks between entities and enabling swift anomaly detection across frontend, middleware, and backend systems.

**Optimized Performance:** End-to-end observability on Azure empowers organizations to identify performance bottlenecks, optimize resource allocation, and proactively address issues, leading to enhanced application performance and user experience. Leveraging Artificial Intelligence, you can discover relationships between entities and gain code-level insights into the performance influence of deployed code. This enables you to pinpoint the actual root cause of anomalies and proactively optimize system performance.

**Cost Reduction:** Gain insights on capacity management, optimize resource utilization, & reduce costs spent on Azure by aligning infrastructure needs with actual usage data. Eliminate the need for additional monitoring tools for logging, further reducing licensing and infrastructure costs.

**Robust Operations:** Leveraging observability practices on Azure enhances incident management, automates remediation actions, and facilitates collaboration between teams, ensuring high availability, prompt issue resolution, and efficient operations.

**Seamless Integrations:** End-to-end observability solutions can seamlessly integrate with Azure services, enabling organizations to leverage existing Azure infrastructure and extend its capabilities for enhanced monitoring, analysis, and action.

**Future-Proofing:** As organizations scale and evolve on the Azure cloud platform, end-to-end full-stack observability provides the flexibility and scalability required to adapt to changing business needs and technological advancements.

	Application Insights	Dynatrace
Navigate integration into Visual Studio IDE	●	○
Customizable metrics for code performance tuning	●	◐
Auto-injection * and auto-instrumentation of .Net, .Net Core, Java, Node.js	◐	●
1-click deployment of single agent per host for full-stack visibility and user experience monitoring	○	●
Real-time discovery and visualization of application topologies enterprise-wide	○	●
Machine learning to detect anomalies and performance changes without manual configuration and baselining	●	●
AI automatically identifies single root cause in enterprise systems with millions of dependences	○	●
Built for DevOps & Continuous Delivery processes	●	●
Scalability to 100.000+ hosts in public, private and hybrid environments	◐	●
100% technology coverage: cloud-native, enterprise technologies and packaged apps	○	●
User experience analytics: individual session visibility, web and mobile applications, all digital touchpoints	○	●

\* Auto-instrumentation for .NET and ASP.NET Core 2.0 only. Other technologies require SDK.

## Additional Cost-Saving Possibilities

**Right-Sizing Resources:** Utilize observability insights to right-size Azure resources, optimizing costs by aligning capacity with actual demands and eliminating unnecessary overprovisioning.

**Idle Resource Detection:** Identify and optimize idle or underutilized resources on Azure, reducing costs by reclaiming and reallocating resources where necessary.

**Automated Scaling:** Implement automated scaling based on observability insights to ensure optimal resource allocation during peak times and reduce costs during periods of low demand.

**Application Performance Optimization:** Leverage observability data to optimize application performance, reducing the need for over-provisioned resources and improving cost efficiency.

**Continuous Cost Monitoring:** Establish ongoing cost monitoring practices using observability tools, allowing organizations to track and manage costs in real-time, identify cost anomalies, and make informed decisions for cost optimization.

### Proof Points

**60%** reduction in log management TCO

**>10%** infrastructure optimization across Cloud environment

**95%** reduction in administer monitoring tools

**95%** reduction in MTTO cost

**43%** reduction in incident tickets

**80%** increased visibility across applications and infrastructure

Eviden's enhanced end-to-end observability practice, guided by the core principles of "Observe, Analyze, Act," brings immense value to organizations operating on the Azure cloud platform. By leveraging end-to-end full-stack observability, powered by Dynatrace and integrated with ServiceNow, as an enhancement or replacement of native monitoring solutions on Azure, organizations can gain comprehensive insights, optimize performance, reduce costs, and ensure robust operations in their Azure-based environments. Through capacity management, elimination of other monitoring tools, and additional cost-saving possibilities, organizations can achieve greater cost efficiency and maximize the return on their Azure investments. Embrace our integrated solution to thrive in the evolving Azure ecosystem with confidence.

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## About Eviden

Eviden designs the scope composed of Atos' digital, cloud, big data and security business lines. It will be a global leader in data-driven, trusted and sustainable digital transformation. As a next generation digital business with worldwide leading positions in digital, cloud, data, advanced computing and security, it brings deep expertise for all industries in more than 53 countries. By uniting unique high-end technologies across the full digital continuum with 57,000 world-class talents, Eviden expands the possibilities of technologies for enterprises and public authorities, helping them to build their digital future. Eviden is an Atos Group business with an annual revenue of c. € 5 billion.

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## About Dynatrace

[Dynatrace](#) (NYSE: DT) exists to make the world's software work perfectly. Dynatrace's unified platform combines broad and deep observability and continuous runtime application security with the most advanced AIOps to provide answers and intelligent automation from data at an enormous scale. This enables innovators to modernize and automate cloud operations, deliver software faster and more securely, and ensure flawless digital experiences. That's why the world's largest organizations trust the Dynatrace® platform to accelerate digital transformation.

## About ServiceNow

ServiceNow (NYSE: NOW) makes the world work better for everyone. Our cloud-based platform and solutions help digitize and unify organizations so that they can find smarter, faster, better ways to make work flow. So employees and customers can be more connected, more innovative, and more agile. And we can all create the future we imagine. The world works with ServiceNow™. For more information, visit: [www.servicenow.com](http://www.servicenow.com).

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