

Autonomous Operations

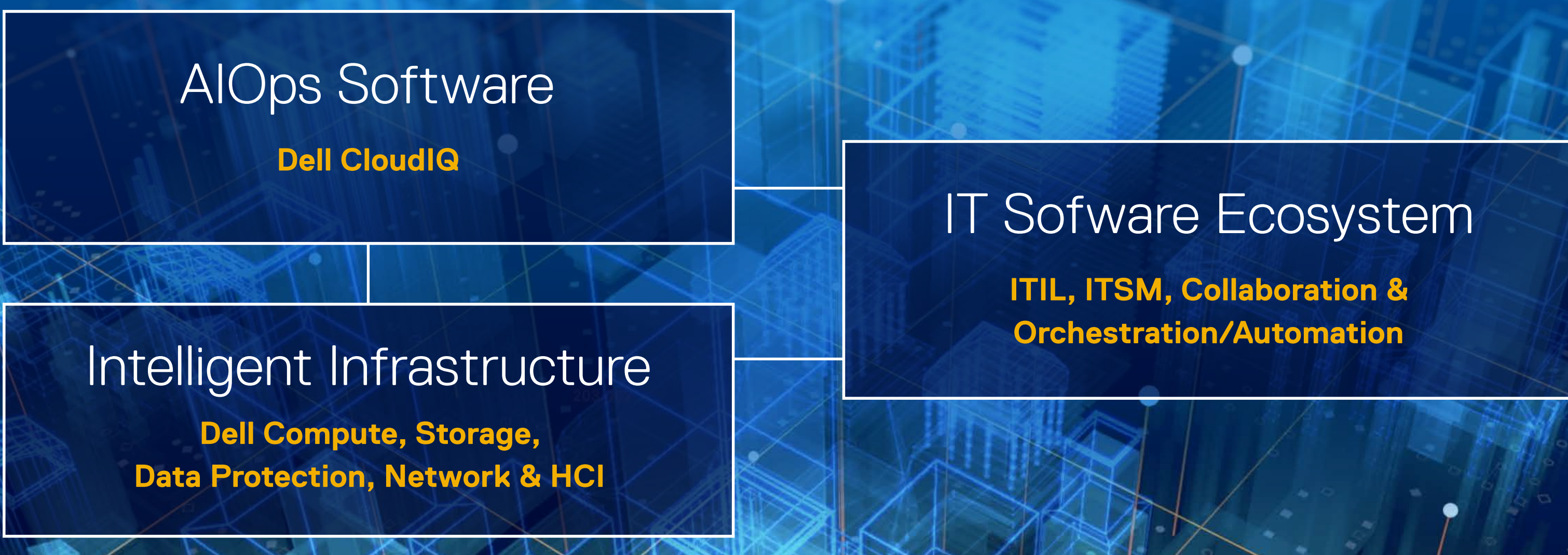
Realize your digital future with autonomous operations to deliver a radically simplified IT experience.



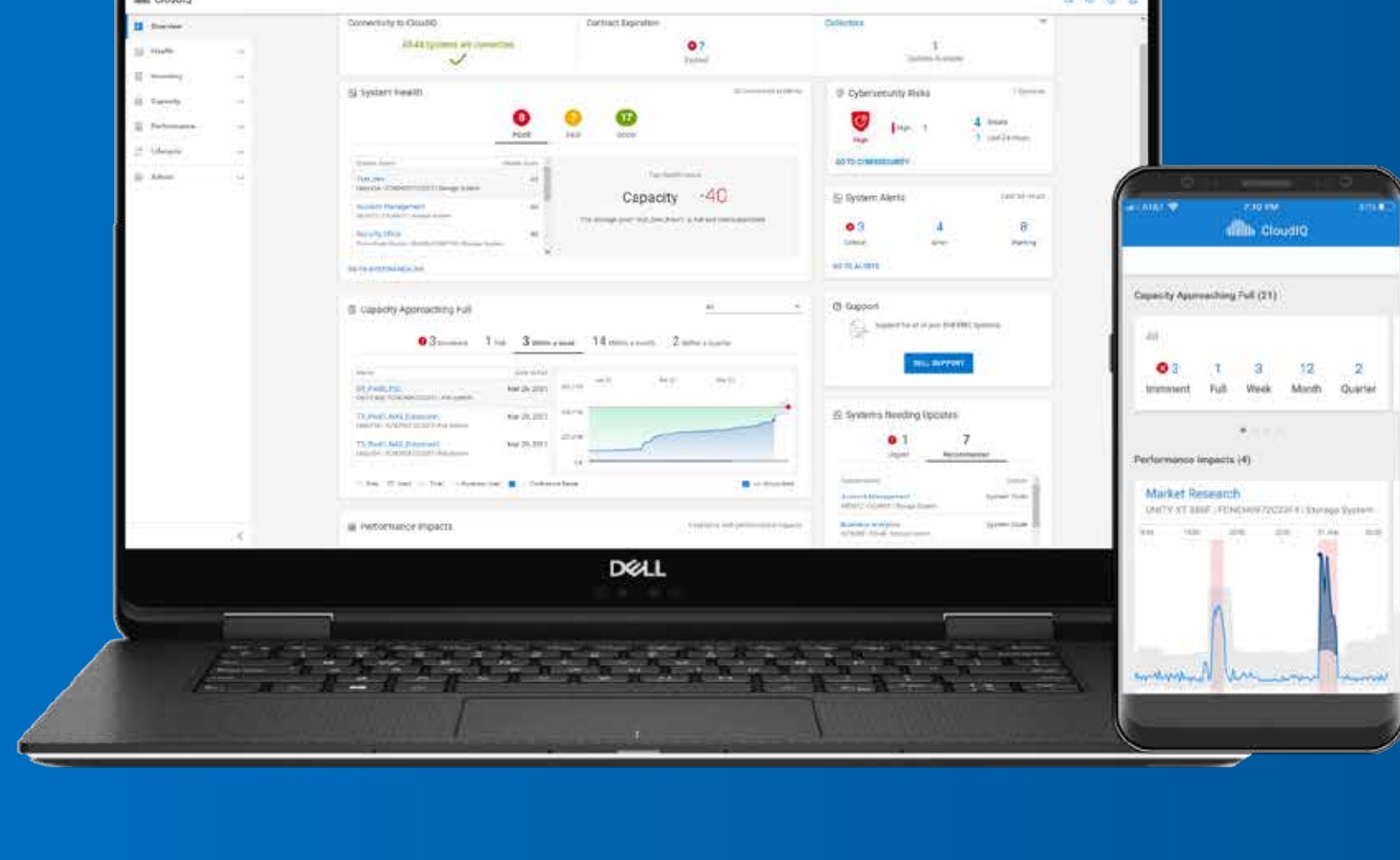
Autonomous Operations Framework

No Automation	Operator Assisted	Partial Automation	Conditional Automation	High Autonomy	Full Autonomy
System is exclusively driven by manual actions.	System is driven by both scripted and manual actions. Human input required.	System uses rules-based decision making to achieve explicit outcomes. Human input required.	System uses inferred decision making to achieve generalized outcomes, including insights, recommendations and actions. System can handle most operations with some exceptions.	System automatically takes action to achieve service-level objectives. Automatic alignment with these outcomes is expected. System can handle all operations with few exceptions.	System automatically takes action to align with organizational values. Automatic alignment is expected with or without human input. System can handle all operations without exceptions.
HIGH		HUMAN RELIANCE/EFFORT		LOW	

Autonomous Operations Components



AIOps Intelligent Insights



Proactive monitoring, recommendations, machine learning & predictive analytics

- Full infrastructure stack & virtualization awareness
- Short & long-term capacity forecasting
- VMware integration & workload contention analysis
- Health & cybersecurity notifications & recommendations
- Capacity anomaly detection
- Custom, real-time & scheduled reports
- Performance impact analysis & anomaly detection
- Webhook & REST API integration for workflow automation
- Trusted Advisor access

Intelligent Infrastructure Automation

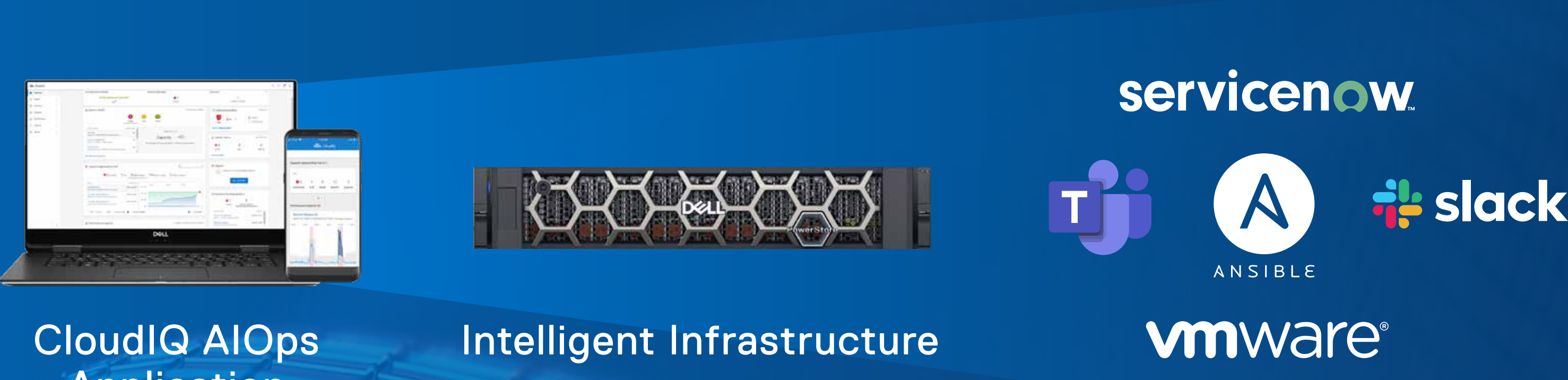


Built-in automation for optimizing systems & simplifying operations

Storage • Compute • Network • HCI

- Performance & efficiency balancing
- Recovery from drive failures
- Deployment
- Programmable infrastructure & REST API
- Performance & efficiency balancing
- Recovery from drive failures
- Programmable Infrastructure & REST API
- Storage class memory metadata tiering
- Lifecycle management
- Support & service request creation
- Programmable Infrastructure & REST API
- Configuration drift detection
- Support & service request creation
- Deployment, day 2+ operations & lifecycle management
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- Deployment, day 2+ operations & lifecycle management
- Support & service request creation
- Deployment, day 2+ operations & lifecycle management

IT Ecosystem Integration



Outcomes

- Elevate IT Operations**
Spend more time delivering value and less time managing infrastructure.
- Operate with Confidence**
Achieve higher service levels, improve performance, and mitigate security threats.
- Unleash your Potential**
Create a more informed and responsive business powered by data and driven by AI/ML.

Learn more about Autonomous Operations and AIOps

www.DellTechnologies.com/CloudIQ

*Based on CloudIQ user survey conducted by Dell Technologies, May-June 2021. Actual results may vary. Ad# CLM-000884
 **Based on IDC report commissioned by Dell Technologies, "The Business Value of Storage Solutions from Dell Technologies," February 2021. Actual results may vary. IDC Doc. #US47335621
 ***Based on a Principled Technologies report commissioned by Dell Technologies, "Performing Common Systems Management Tasks with Dell EMC OpenManage Enterprise 3.5 vs Manual approaches," March 2021. Actual results may vary. Ad# G21000081
 ****Based on IDC report commissioned by Dell Technologies, "The Business Value of Dell EMC VxRail and VMware Cloud Foundation on Dell EMC VxRail," December 2020. Actual results may vary. Ad# G21000005
 *****Based on Dell Technologies field performance, July 2020. Actual results may vary. Ad# G20000255