## DCLTechnologies

### Dell AlOps

## Accelerate environmental IT initiatives and achieve sustainability goals with Dell AlOps – AlOps for Intelligent Infrastructure insights

Overview	~	Connectivity to CloudiQ All 44 systems are connected	Contract Expiration 7 Expired	Collectors 1 Updates Available	
Capacity	č	R System Health	32 monitored systems	Cybersecurity Risks     1 Systems	
Performance	~	8 7 POOR FAI	17 R GOOD	High 1 4 Issues	
C Lifecycle	~	System Name Health Score		GO TO CYBERSECURITY	
(a) Admin	~	Test_Dev     60       UnityVSA   FCNCH0972C32F3   Storage System     60       Account Management     60       ME4012   CIQAPU1   Storage System     60       Security Office     60       PowerScale Cluster   ELMISLFAGEF789   Storage System     50	Top Health Issue Capacity -40 The storage pool 'Test_Dev_Pool1' is full and oversubscribed.	System Alerts Last 24 Hours  3 4 8 Critical Error Warning	II AT&T 중 7:10 PM
		GO TO SYSTEM HEALTH		GO TO ALERTS	Dell AlOps
		Capacity Approaching Full 3 Imminent 1 Full 3 Within a week Name Dete to Full DR_Pool2_FS2 Mar 29, 2021 622.11	Jan 21 Pels 21 Mar 21	Support     Support for all of your Dell EMC Systems     DELL SUPPORT	Capacity App All 3 1 3 Imminent Full Week
		UNITY 400 FCNCH0972C32F2 I File System         454.71           TD_Pool1_NAS_Datastore1 UnityVSA   FCNCH0972C32F3 I File System         Mar 29, 2021           TD_Pool1_NAS_Datastore2 UnityVSA   FCNCH0972C32F3   File System         Mar 29, 2021		Systems Needing Updates     1     7      Urgent     Recommended	Performance Impacts (4)
		🖉 Free 🖉 Used — Total 🚥 Forecast Used 💋 🖉 Confidence Range	Z — Subscribed	System Name Update Account Management System Code ME4012 (CI0APUT I Storage System	Market Research
	<	III Performance Impacts	4 systems with performance impacts	Business Analytics System Code Scroop 61 95148   Storage System	UNITY XT 880F   FCNCH0972C
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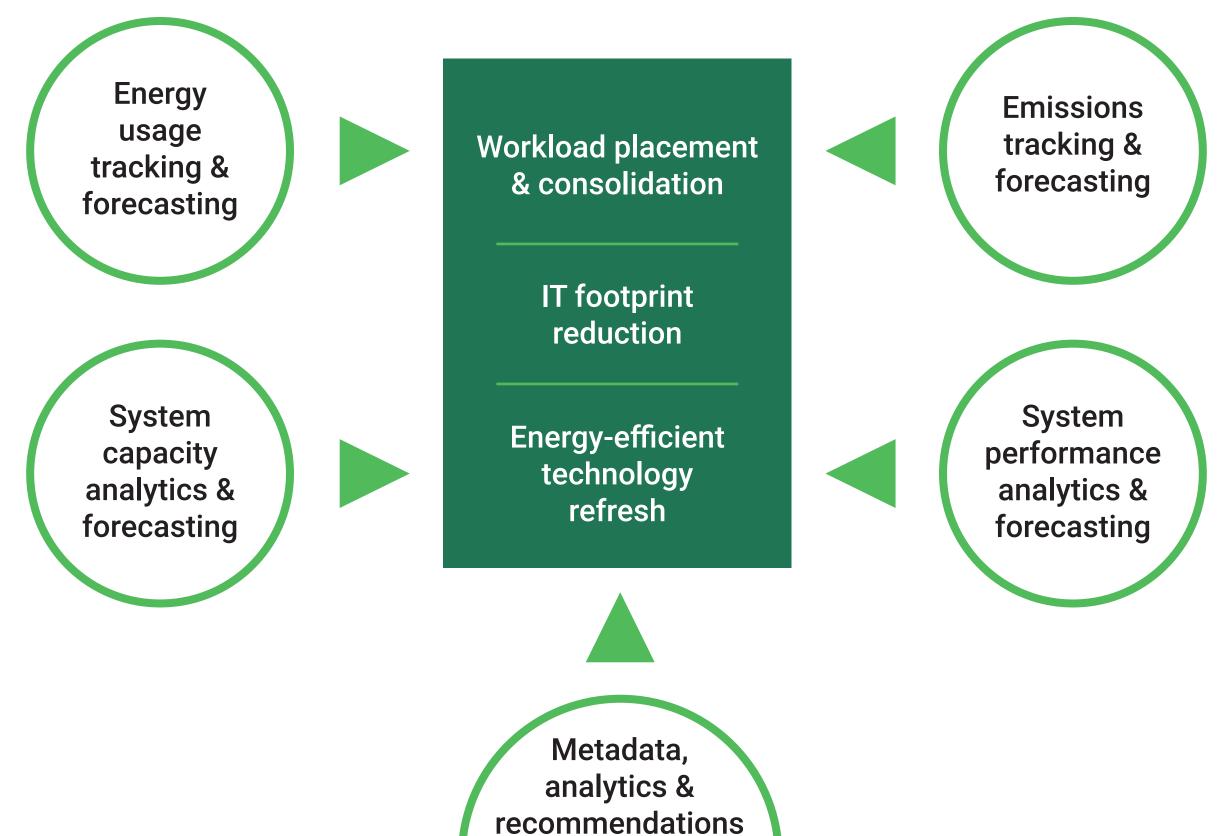
#### Dell AlOps -

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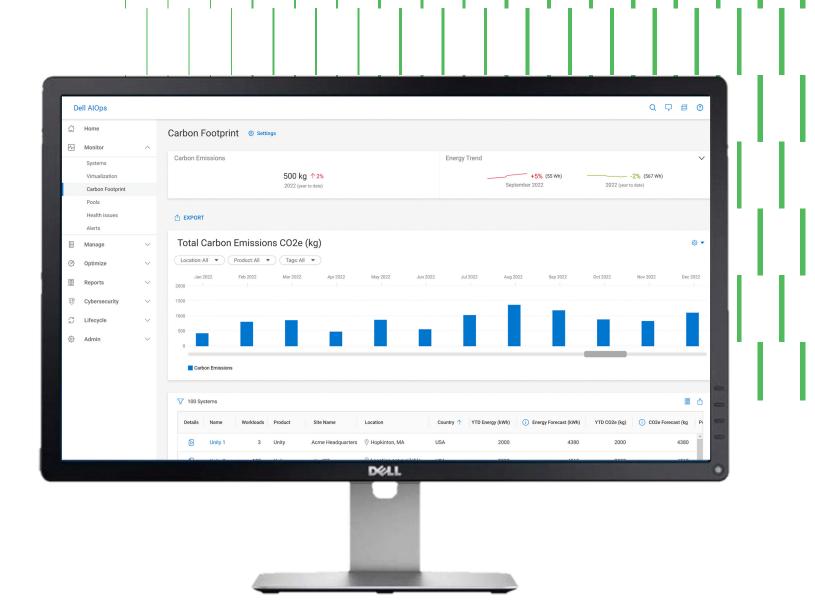
AI/ML-based energy and use phase carbon footprint monitoring and forecasting for server, storage and network infrastructure.

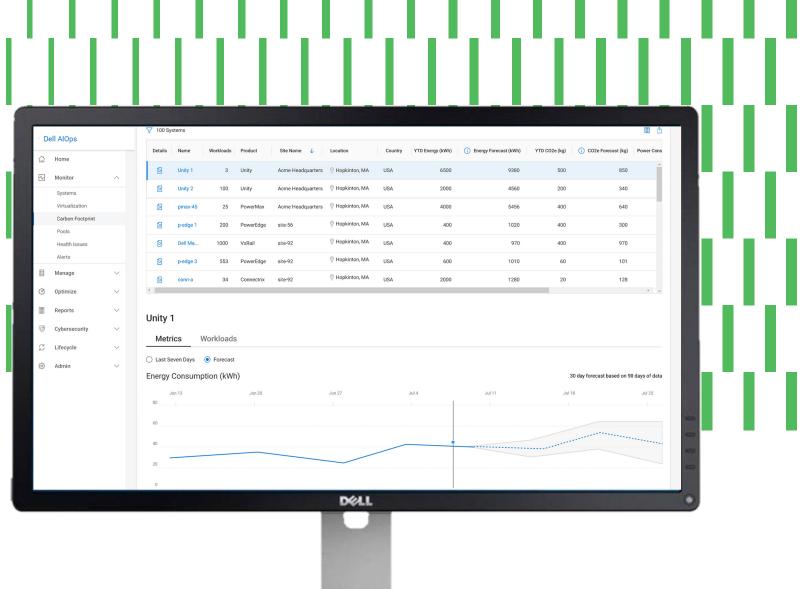
Dell AlOps combines IT infrastructure energy and emissions tracking and forecasting with IT infrastructure analytics, so you can make informed decisions about consolidating workloads and refreshing technology for energy efficiency to reduce IT and carbon footprint.

## **Dell AlOps:** Intelligent Insights for Better Sustainability Decisions



Custom tags, filtering & reports





#### Reduce Risk of Missing Sustainability Goals

- Track energy usage and use phase carbon footprint at organization, system and workload levels
- Assure accurate calculation with IEA\* CO<sub>2</sub>e emission factors and standard PUE\*\* ratio or customize them yourself
- See power usage anomalies

\*International Energy Agency \*\*Power Usage Effectiveness

### Plan Ahead with Sustainability Trends

- Forecast energy usage and use phase carbon footprint at system & workload levels
- See organization level trends and year-to-year comparisons
- Understand server load and storage capacity in context with energy usage

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	Carbon Emissions     Energy Trend       500 kg ↑ 2.23%     200% (\$67 kW)       2003 (year to date)     2003 (year to date)									~		
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C	Clear All	$\times$	Details	Name	Product 1	Site Name	Location	Country	i Energy Foreca	st ( 🧻 YTD Energy (kWh	(i) YTD CO2e (kg)	<ol> <li>CO2</li> </ol>
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### Improve Sustainability Productivity

- Eliminate manual tracking and reporting with continuous, automated monitoring and calculation
- Export data to spreadsheets; customize, schedule, export and share reports
- Integrate data with other applications through REST API to improve cross-operations collaboration and automate actions to help meet your sustainability goals

#### Make Informed Sustainability Decisions

- Combine system sustainability, health, capacity performance and cybersecurity insights to help reduce your IT and carbon footprint
- Track system and workload efficiency to know when and where to optimize, consolidate and reclaim workloads and resources
- Track and forecast system emissions to know when and where to refresh with modern, energy-efficient technology

## **Dell AlOps Validated Value**

Resolves issues up to 10X times faster<sup>1</sup>

# Frees IT 1 day/week<sup>1</sup>



**Dell AlOps** comes with Dell ProSupport and ProSupport Plus Services at no additional cost. For demos, datasheets and white papers visit:

www.dell.com/aiops

1Based on a Dell Technologies survey of CloudIQ users conducted May - June 2021. Actual results may vary.

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