

Solution Brief

Dell Technologies Live Optics

Get the data you need for fully informed IT investment decisions.

Making decisions to maximize efficiency through IT modernization requires a deep understanding of your existing infrastructure. Without a clear, comprehensive view of your current IT environment and workloads, investing for innovation can be a risky move — but gathering and analyzing data from each of your disparate IT systems can be complex and costly.

Live Optics® from Dell Technologies, delivered by Insight, helps organizations aggregate and analyze data from across your IT environment and workloads, providing the visibility you need to make smart IT purchasing decisions. Having the right information at your fingertips allows you to easily compare products, platforms, and vendors to make the decisions that will move your business forward.

Understanding Dell Technologies Live Optics

Live Optics is a free, remote, agentless software for collecting data about your environment and workloads. It gathers and streams data from your storage, data protection, server, and file systems to an online analytics engine, where it measures, analyzes, and blends workload characteristics, providing a clear view of your workload data in just 24 hours.

Using the Live Optics user dashboard, you can visualize high- and low-performance areas, and share data securely. Data gathered from Live Optics allows you to:

- **Visualize and explore data** about select infrastructure, including private or public cloud servers, storage, files, workloads, and data protection policies.
- **Gain real-time insights** into performance metrics — from a high level down to specific CPUs.
- **Compare general public cloud pricing options** — from Amazon, Google, and Microsoft — for every Virtual Machine (VM) inventoried in your projects.
- **Save time** by creating fully formatted, executive-level, and detailed infrastructure reports — in just seconds.
- **Improve IT decision-making**, especially when it comes to infrastructure sizing.
- **Optimize your workloads**, even in hybrid cloud environments.

Your partner in discovery, data analytics, and beyond

Insight brings decades of experience helping clients navigate modernization. We leverage deep partnerships and extensive expertise in cloud and data center environments to help you get a clear picture of your entire IT ecosystem and map out your path for successful modernization.

Our role in delivering data solutions for your organization can be as broad or as narrow as your business needs require, providing expert support for the entire spectrum of your modernization or optimization initiatives:



Map, prioritize, and consolidate IT assets.



Modernize legacy infrastructure and workflows.



Migrate workloads, applications, and data.



Secure and protect data across environments.



Manage resources, teams, performance, and utilization.

Why Insight?

25+ years
of data center experience

>1EB of data and
>2M workloads migrated since 2015



~35,000
critical enterprise infrastructure components monitored

~1M devices
discovered, analyzed, and remediated for cloud readiness

\$1.5B cost savings identified for clients



Core features



Collect

Capture performance, software, OS distribution, and VM data for time frames ranging from a few hours to one week. Live Optics runs only in memory, making no modifications to servers while it gathers data with near zero overhead. It uses common protocols that generally require no “change control” or firewall modifications.



Visualize

See your IT environment in near real time and eliminate guesswork. With Live Optics, you can even model project requirements to gain a deeper knowledge of your workloads. The Viewer console gives you quick access to graphs and calculations from the Live Optics analytics engine, so you can clearly see resource requirements for all workloads.



Share

Consult with IT pros worldwide, or just the people you choose. Using a feature similar to social media, Live Optics lets you share IT performance and workload data characteristics securely and anonymously. You can collaborate with peers, vendors, or channel partners without compromising security.

Live Optics components and concepts

Component/Concept	Explanation
Server & Cloud Collector	The Server & Cloud Collector is the Live Optics tool that gathers data about the servers, VMs, files, applications, data protection processes, and workloads you specify. For every collection process, you will configure Collector to store your data as a project in your web-based account on LiveOptics.com or on your local system, as an encrypted SIOKIT file.
Dashboard	You access your customized dashboard when you log into your account from the portal on LiveOptics.com. From your dashboard, you can interactively explore your projects, create and share reports, and initiate collection processes.
Project	A project is what Live Optics Collector creates when you authorize it to store your collection process data in your account on LiveOptics.com.
SIOKIT file	A SIOKIT file is an encrypted file that Live Optics Collector creates if you choose to store your collection process data on your local system. To view the contents, you must upload the file to your account on LiveOptics.com, where it is then automatically converted into a project.
Collector home screen	The Collector home screen is what displays when you download and launch the Live Optics Collector. From this screen, you will specify which targets you want the Collector to gather information about.

Getting started is easy.

Visit solutions.insight.com/contact-us to connect with our team.

Driving innovation with digital transformation

At Insight, we help clients enable innovation with an approach that spans people, processes, and technologies. We believe the best path to digital transformation is integrative, responsive, and proactively aligned to industry demands. Our client-focused approach delivers best-fit solutions across a scope of services, including the modern workplace, modern applications, modern infrastructures, the intelligent edge, cybersecurity, and data and AI.

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