Midstream

Lenovo helps companies safeguard the security of their data, processes, and people with data-driven insights that enable informed decision-making in real time.

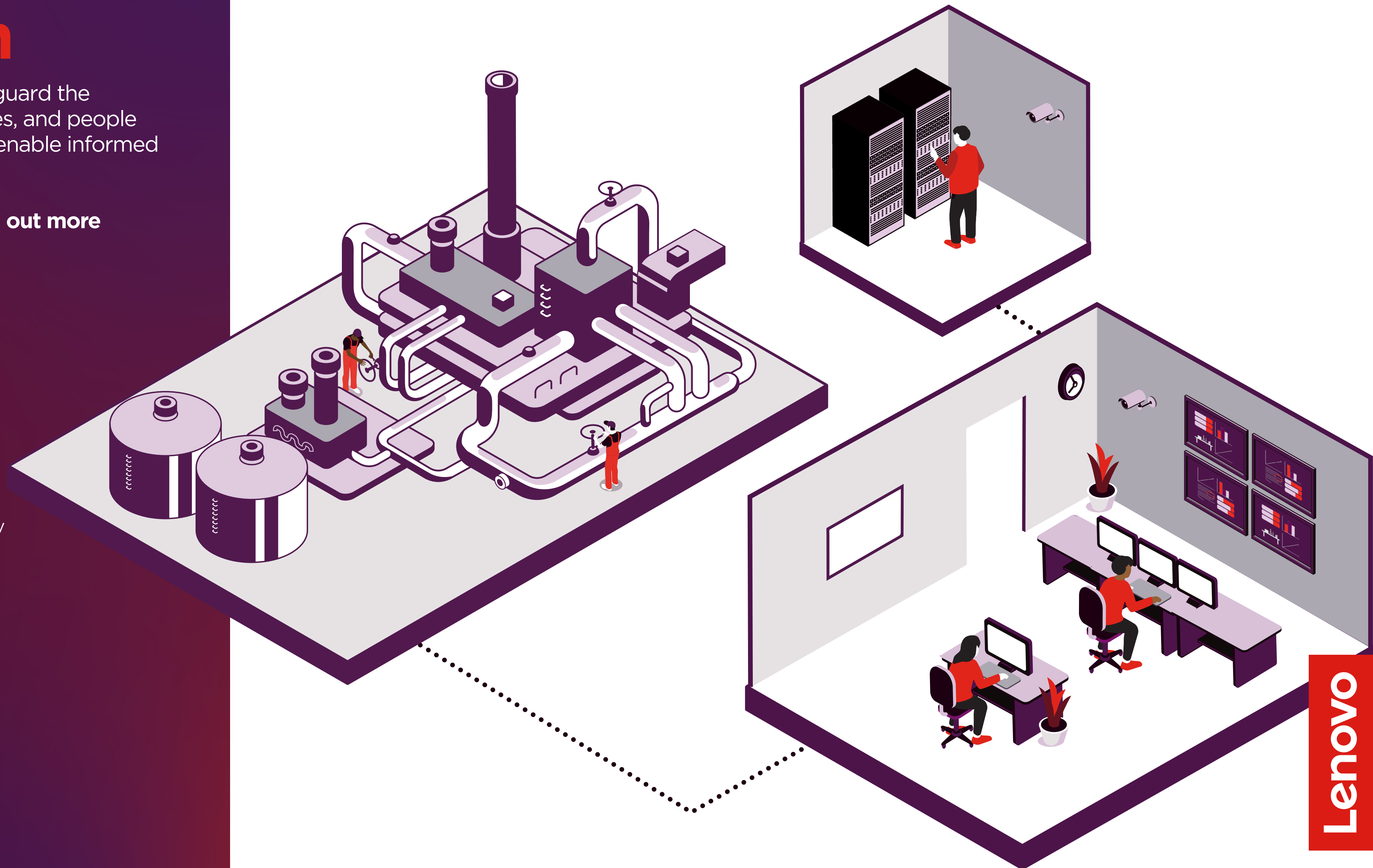**Click on an area below to find out more**

- Real-time insights

- Insights at the edge

- Seamless server performance

- Stronger security

- Virtual testing done right

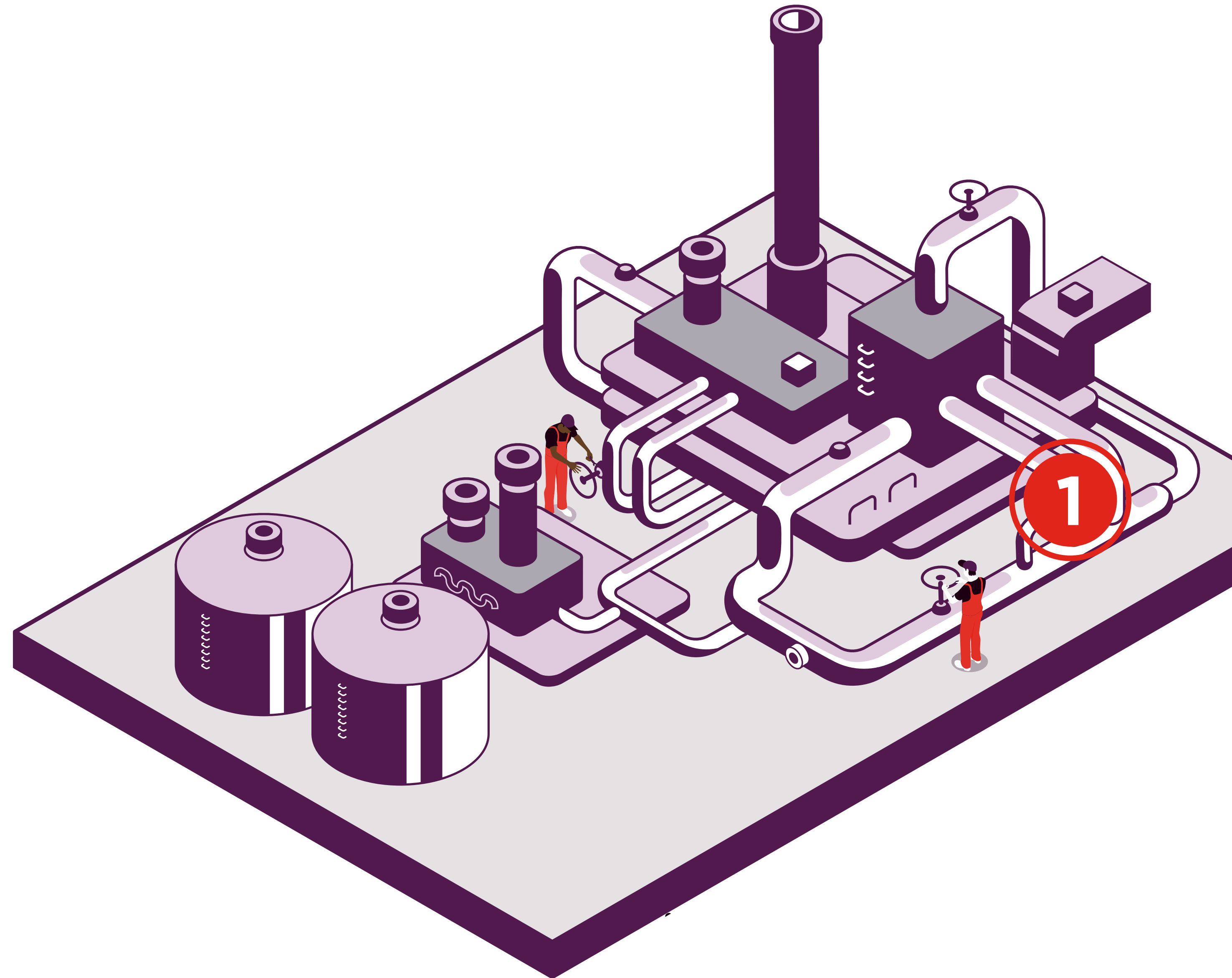- Power, performance and reliability
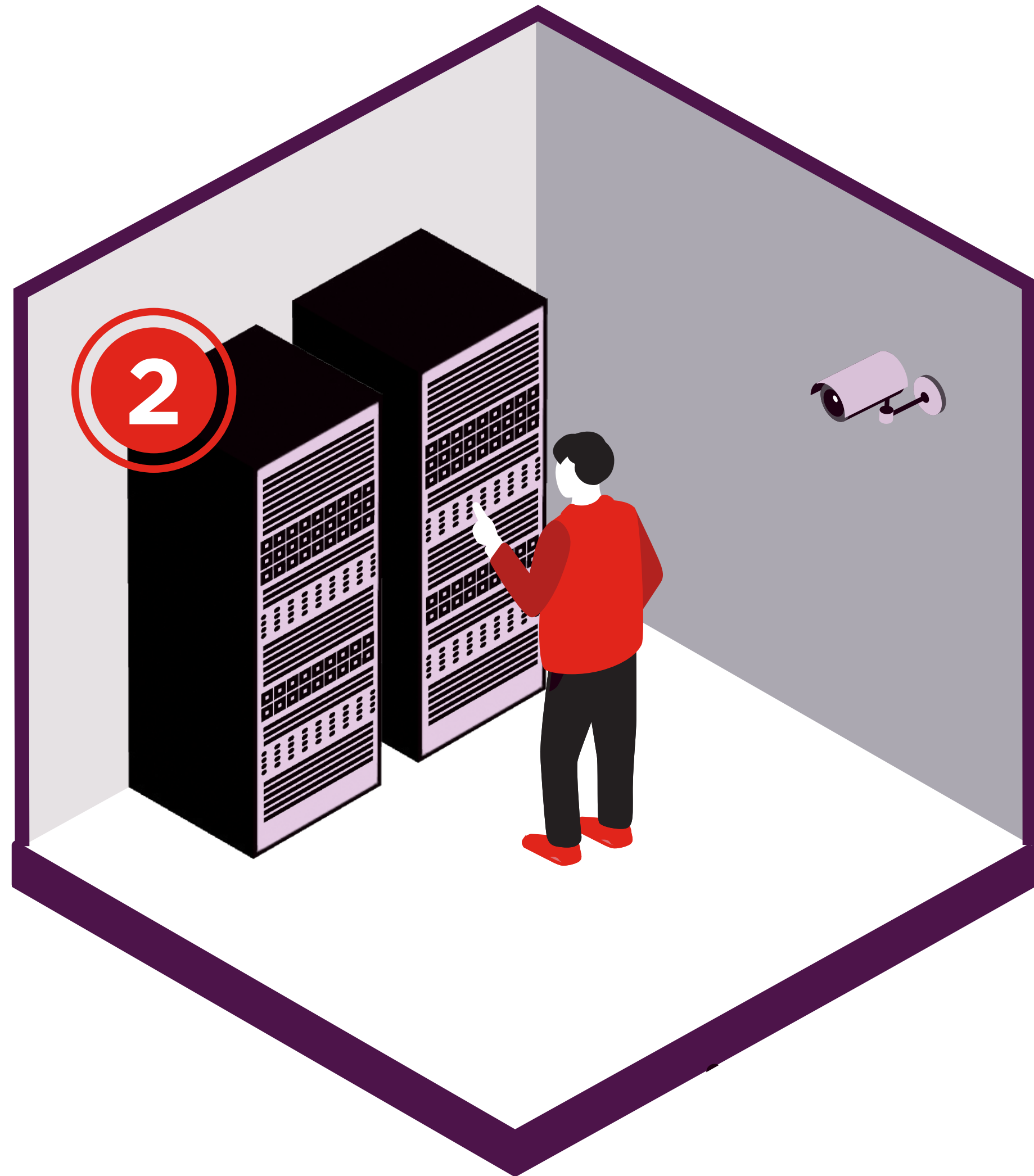
Powered by

intel.®

Lenovo

Real-time insights

Lenovo's smart IoT devices offer intelligent remote monitoring into any environment. Distributed IoT devices allow for real-time data collection which can be sent to local control rooms or headquarters to inform decision-making.

With superior reliability, processing power, and performance-driven innovation, Lenovo's ThinkStation P series, powered by Intel® processors, helps you get the most out of data-intensive ISV applications. For example, using sensory data or cameras in a refinery facility to ensure personnel remain within safe boundaries or using transportation tags to keep deliveries monitored while enroute.

Visualize real-time insights with Lenovo's ThinkReality platform to help support remote operations management, training, collaboration, site walkthroughs and more.
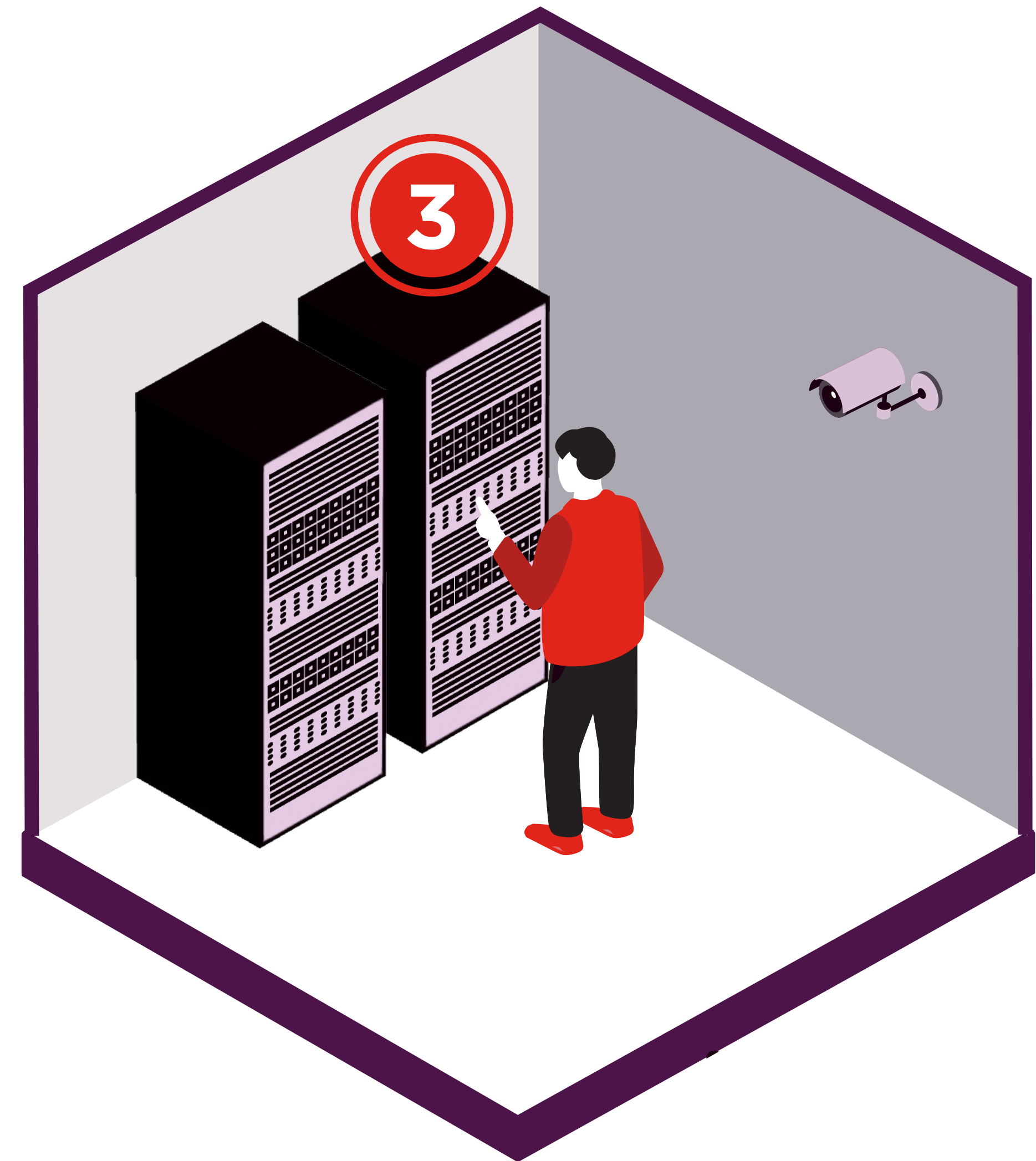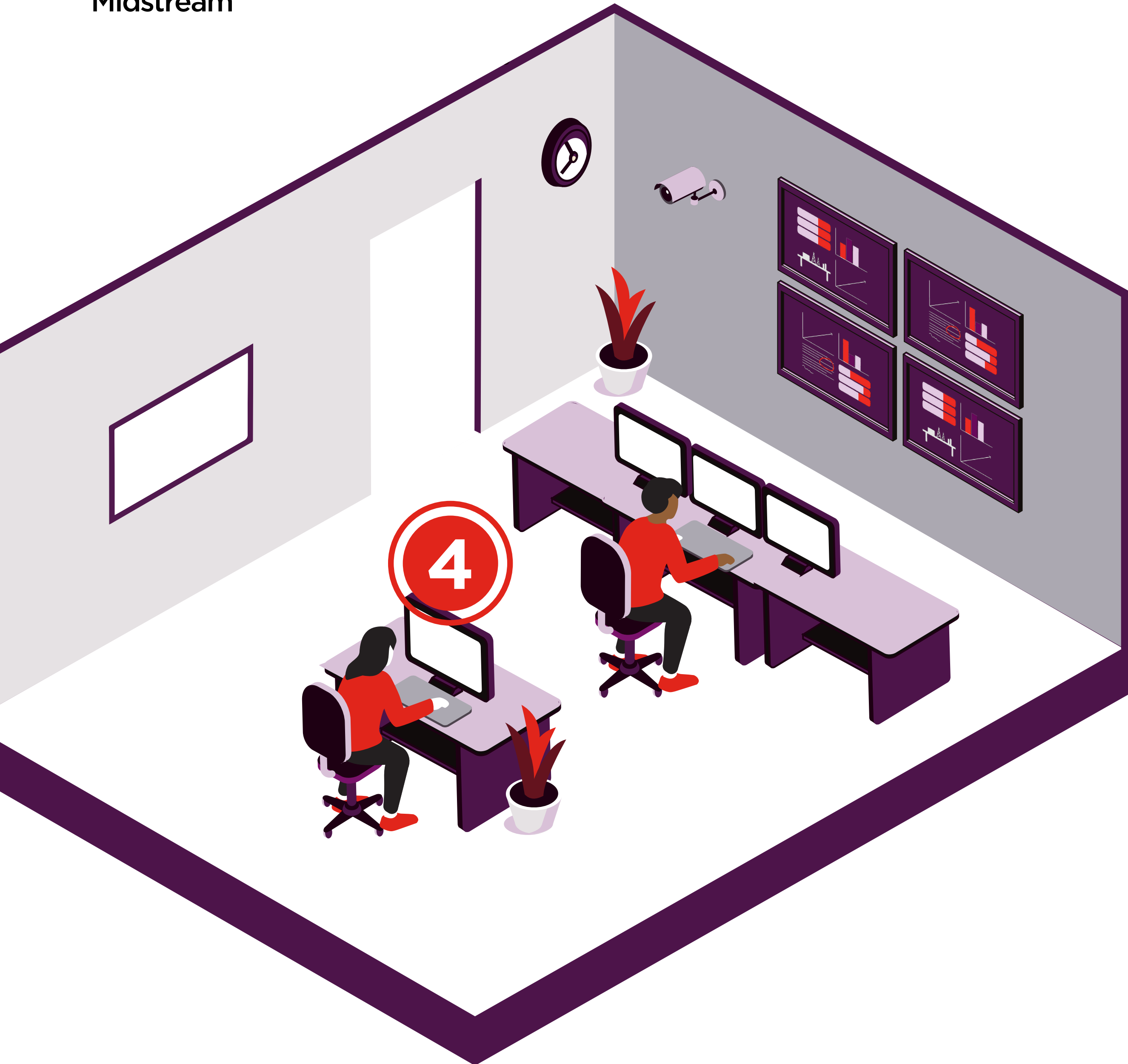
Insights at the edge

Lenovo's ThinkEdge® devices, powered Intel processors, are built to handle mass volumes of data in a variety of environments—delivering data-center capabilities at the edge. In refineries, ThinkEdge makes it easier for teams to make complex decisions quickly. Thanks to real-time data pouring in from data acquisition activities and IoT devices.

Seamless server performance

Lenovo's high-performance ThinkSystem servers, powered by Intel procesors, provide best-in-class reliability, capable of powering the intense workloads that run your midstream business. With a variety of options offering flexibility and industry-leading efficiency, you can stretch the limitations of ThinkSystem server locations without stretching your IT budget.
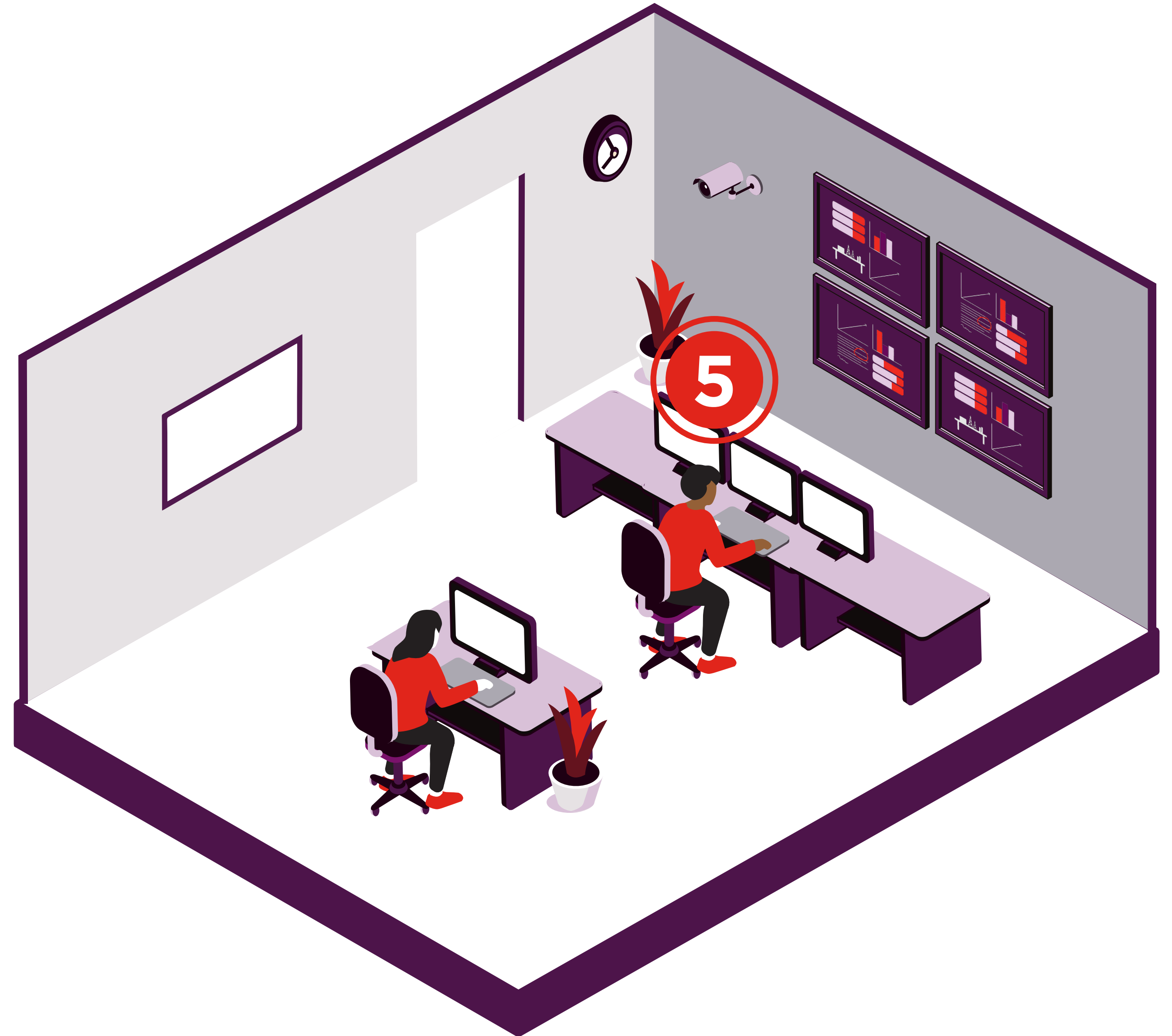
Midstream

Stronger security

Lenovo ThinkShield, powered by Intel, offers uncompromising security for every worker and their devices. Ensuring a protected workforce with zero-trust security principles across the supply chain and effective endpoint management built-in. Lenovo delivers complete OT and IoT network and endpoint visibility, with threat detection and AI-powered data analysis.
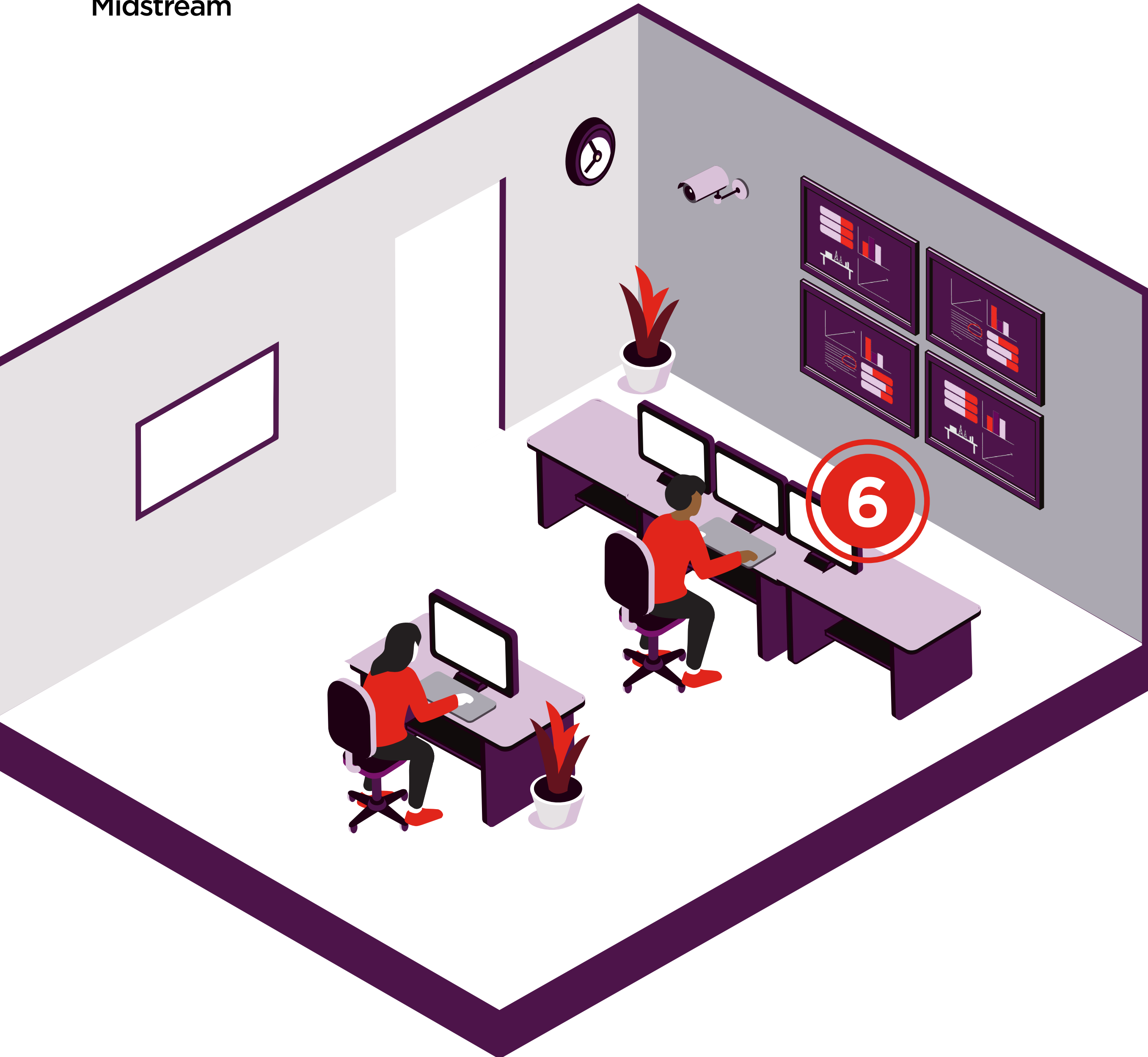
Virtual testing done right

Digital twin technology uses AI to improve midstream business processes. Whether it's strategic planning, asset monitoring and predictive maintenance or autonomous systems and resource allocations, it can all bring great benefits to companies.

For example, AI and digital twin technology can easily create, adjust, and optimize various simulated environments and scenarios around a refinery. And enable smarter planning of future and current facilities.

Power, performance and reliability

Certified by independent software vendors (ISVs), Lenovo ThinkStations help you run complex simulations, data processing and pre-stack imaging fast. From storage and transportation to refining and supply chain management, Lenovo ThinkStations can help ensure that every process goes according to plan.