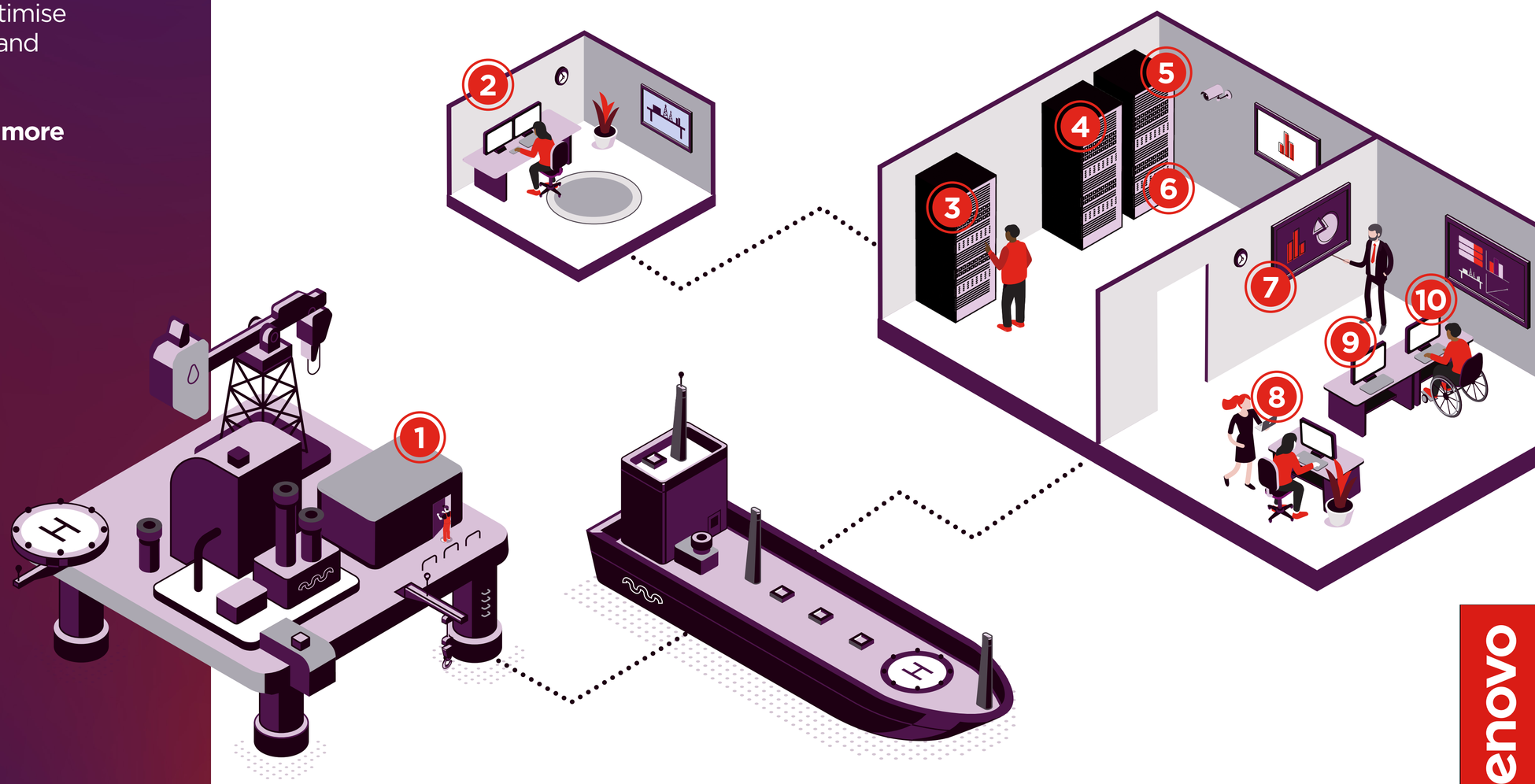
Upstream

Lenovo's high-performance solutions and rugged infrastructure empower companies to harness the power of data to optimise their operations, improve security, and drive sustainability.

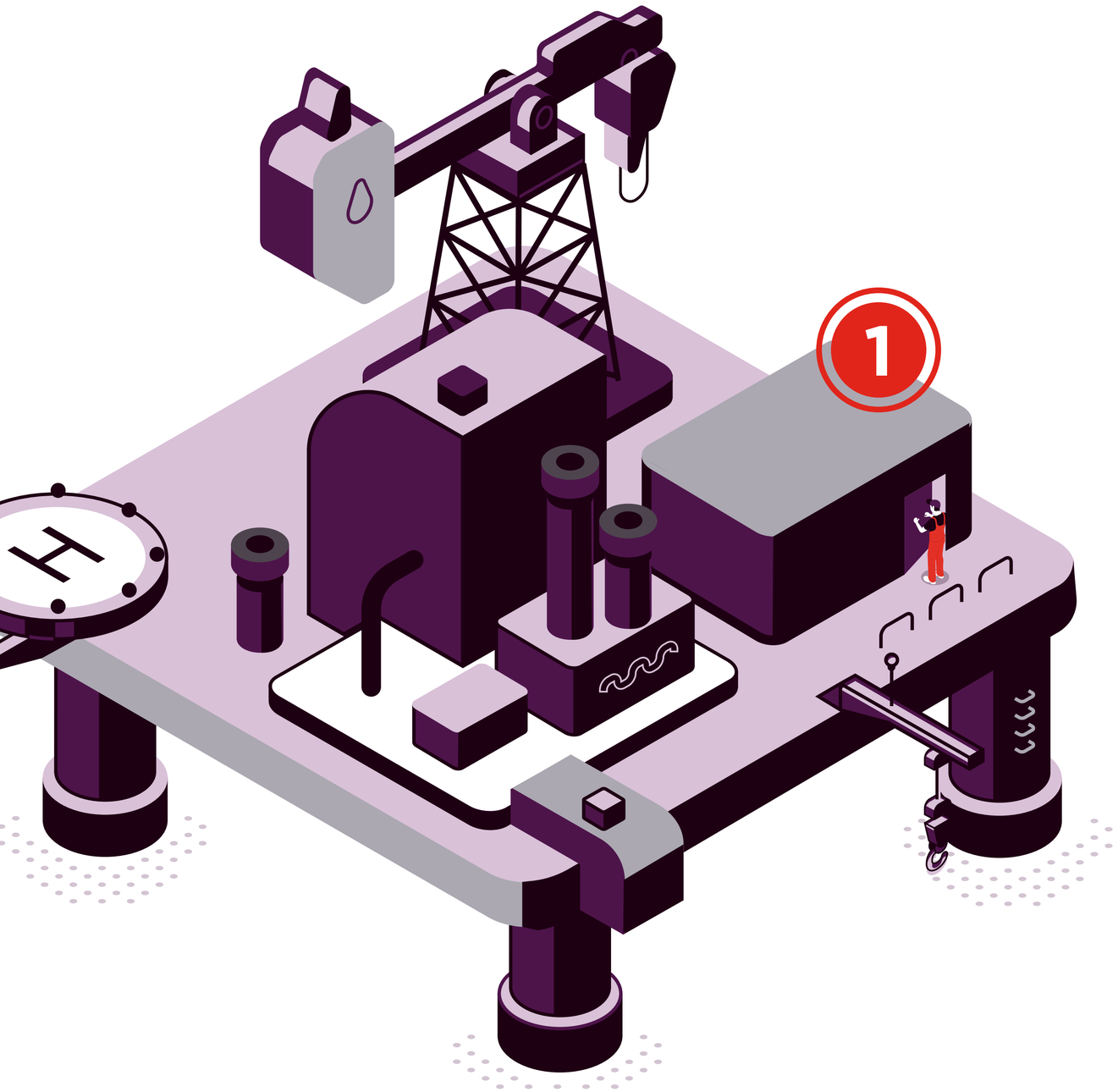
Click on an area below to find out more

1. Real-time insights
2. Work from anywhere
3. Seamless server performance
4. Insights at the edge
5. Storage made simple
6. Accelerate sustainability
7. Leverage AI
8. Secure your infrustructure
9. Virtual testing
10. Power, performance and reliability

Powered by intel



Lenovo



Real-time insights

Lenovo's IoT devices offer intelligent remote monitoring at every turn on energy sites. IoT devices placed on rigs, drills and pipelines allow for real-time data collection to be interpreted by local control rooms or at HQ for better accuracy in 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. Whether it's using a camera on an offshore rig to ensure personnel remain within safe boundaries or using a temperature sensor on a truck to prevent overheating, IoT sensors, enabled with AI, are an essential part of every modern energy firm's tech toolkit.

Learn more

Working from anywhere

Geoscientists can work from anywhere without compromise thanks to Lenovo's Remote Visualization solution and high-performance computing platforms, RiVA and RVIZ—so their office, home office or kitchen table can become their exploration site. With access to the apps they require to do their jobs, RiVA ensures that energy companies can streamline exploration activities, find the right opportunities and support their team to work more flexibly.

Learn more

Seamless server performance

Lenovo’s high-performance ThinkSystem servers, powered Intel processors, provide best-in-class reliability, capable of powering the intense workloads that run your upstream business. With a variety of options offering flexibility and industry-leading efficiency, energy companies can stretch the limitations of server locations without stretching their IT budget.

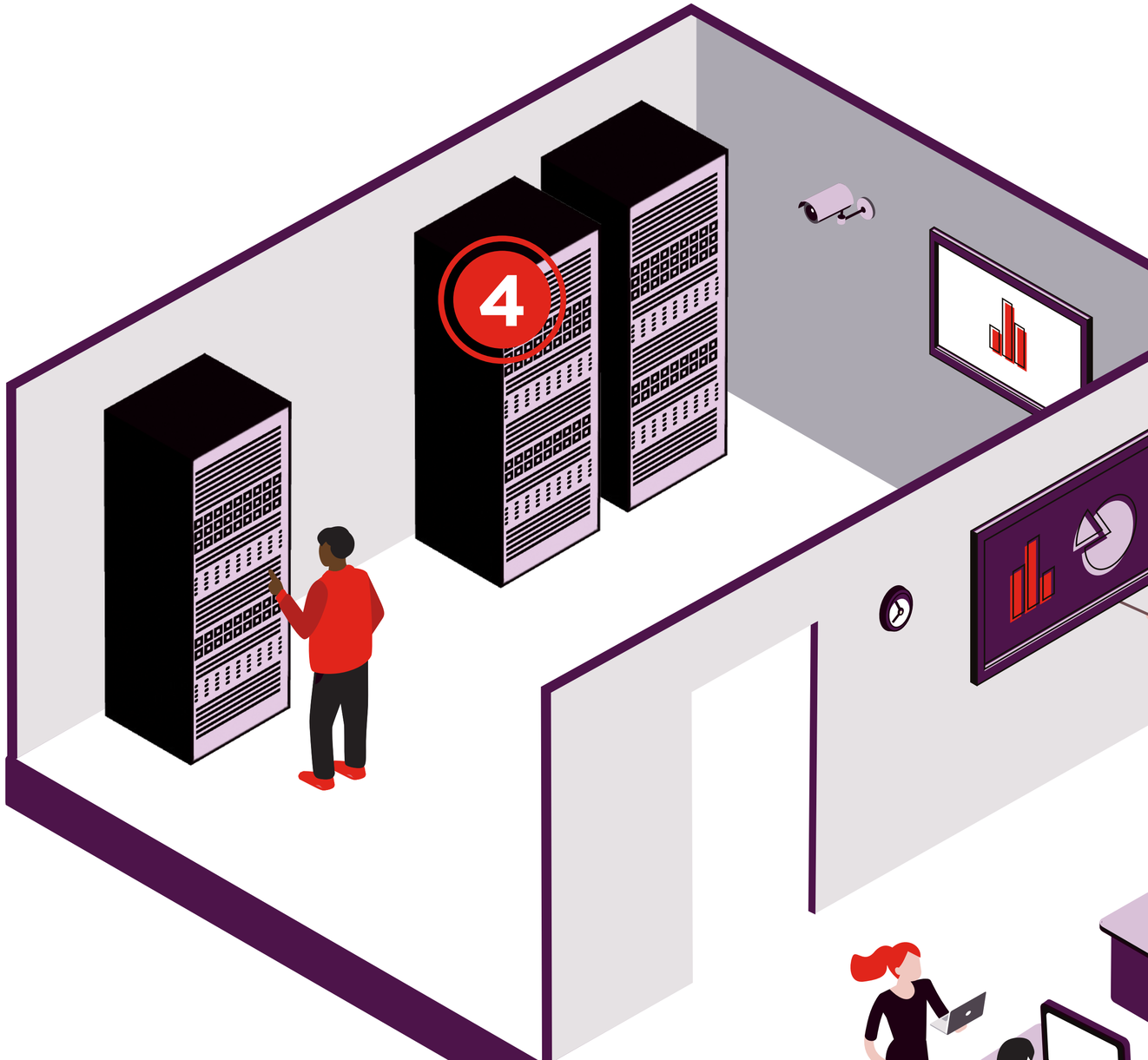
Learn more

Insights at the edge

Lenovo's range of rugged, globally certified ThinkEdge® internal servers, powered Intel processors, and external devices are built to handle large volumes of data. With the power to aggregate and analyze real-time data from IoT devices—off-shore and on-shore—Lenovo's ThinkEdge® series makes for easy management and more versatility for energy firms who operate in extreme environments.

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

Learn more



Storage made simple

Operating in multiple, complex environments—from offshore rigs to office spaces—can make it difficult to access the right data when and where you need it. Lenovo's enterprise-grade storage solutions resolve this issue with unmatched performance, scalability, reliability and availability.

Learn more

Lenovo's Network Attached Storage (NAS) solution, in partnership with NetApp and Lenovo's Distributed Storage System for IBM Spectrum Scale, supports dense, scalable file and object storage suitable for high-performance and data-intensive environments—like data processing for networks in the upstream.

Learn more

Accelerate Sustainability

Asset Recovery Services
Lenovo's unique Asset Recovery Services help customers to minimize e-waste and maximize their circular economy model. With end-to-end support to help mitigate the environmental impact and security risks associated with end-of-life IT asset disposal, ARS aims to give unwanted hardware a second lease of life.

Learn more

Liquid Cooling
Where servers are typically concerned, system overheating can cause shutdowns, poor performance, downtime and loss of data. Instead, Lenovo Neptune™ uses liquid to remove excess heat, which is much more efficient than traditional air-cooling methods, helping you to reduce carbon emissions.

For mission critical situations on energy sites, Lenovo Neptune™ means the difference between unplanned outages and that all-important competitive advantage.

Learn more

Leverage AI

From pocket to the cloud, Lenovo's AI solutions already support companies as they move to reap the benefits of AI/ML in processing, analyzing and learning from data. This may include optimizing on-site processes, reducing infrastructure complexities at HQ, or improving total performance across the upstream.

Learn more

Secure your infrastructure

Lenovo ThinkShield, powered by Intel, offers uncompromising security for every workers and their devices. Ensuring a protected workforce no matter how remote, with zero-trust security principles across the supply chain and effective endpoint management built-in.

With our partner network, Lenovo delivers complete IT, OT and IoT network and endpoint visibility, with threat detection and AI-powered data analysis.

Learn more

Virtual testing

Companies have seen tangible benefits from deploying Digital Twin technology in recent years. When combined with AI, digital twins allow energy companies to make improvements to their upstream processes through strategic planning, predictive maintenance, simulation and optimization, autonomous systems and resource allocations.

For example, a company could use AI and digital twins to test new environments for a rig—including varied operating conditions, like the weather, to determine how equipment will perform.

Learn more

Power, performance, and reliability

Certified by independent software vendors, Lenovo ThinkStations help companies to run complex simulations, data processing and pre-stack imaging fast. From seismic interpretation to reservoir modelling and drilling, Lenovo ThinkStations can help ensure that every process goes according to plan.

Learn more