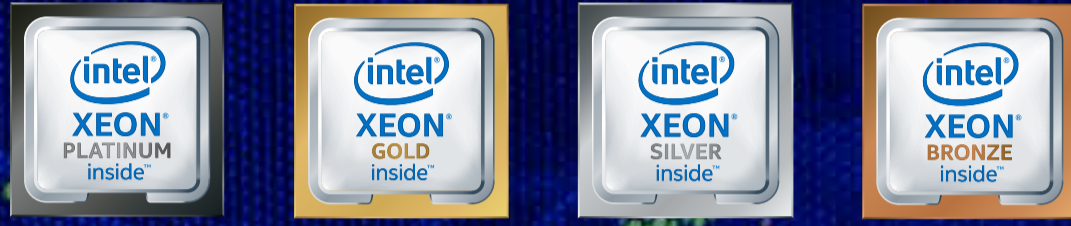


INNOVATIVE TECHNOLOGIES DRIVE THE FUTURE OF DATA CENTER TELEMETRY

Are your applications, servers, and other data center components performing efficiently? Are you meeting security and compliance requirements? To find out, you need telemetry. And to achieve predictive telemetry analysis—to minimize time-to-root-cause issues, optimize resources and planning, and enable agility—you need the enhanced features of the new **Intel® Xeon® Scalable platform**.



TELEMETRY ACROSS THE PLATFORM

As data centers continue to move to hybrid cloud models, efficiency depends on being able to monitor, manage, and control resource utilization, including numerous servers running varied workloads.

The **Intel Xeon Scalable platform** includes the latest technologies to support enhanced telemetry at the processor, software, and platform levels.

TELEMETRY ON THE PROCESSOR

The latest **Intel Xeon Scalable processors** include new features that help increase agility and improve data center efficiency.



Intel® Volume Management Device (Intel® VMD)

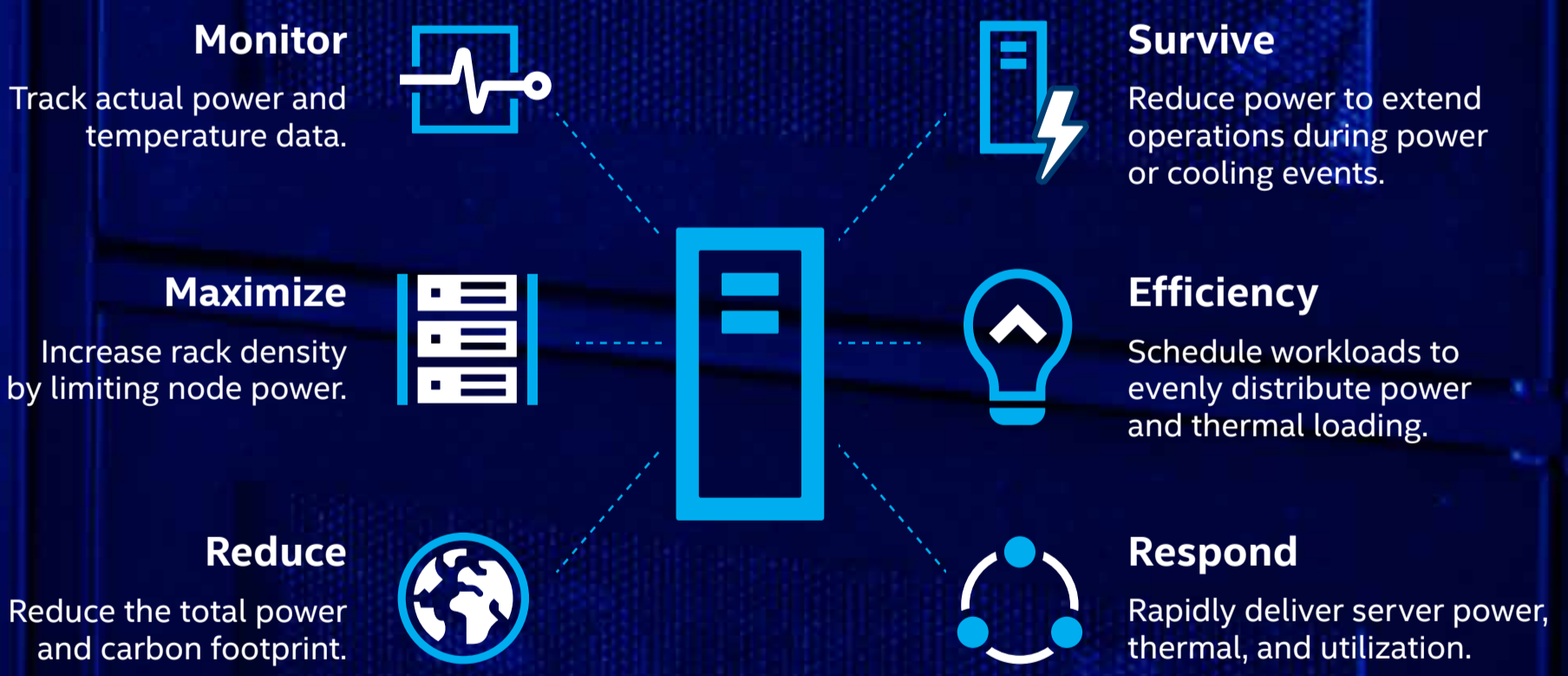
Intel VMD enables a common, robust method of hot plug, while standardized LED management helps provide much faster identification of NVMe-based solid state drives (SSDs). This commonality brings enterprise-class reliability to NVMe SSDs.

Intel® Speed Shift Technology

With Intel Speed Shift Technology, the processor can more quickly select its best operating frequency and voltage.

SMART SERVER MANAGEMENT

Intel® Node Manager provides a smart way to optimize and manage power, cooling, and compute resources in the data center. As a server management technology, it extends component instrumentation to the platform level, and can be used to make the most of every watt consumed in the data center.



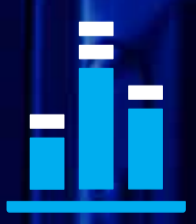
TELEMETRY ENABLED BY SOFTWARE

The **Intel Xeon Scalable platform** continues to provide telemetry through underlying technologies and software solutions.



ENHANCED INTEL® CLOUD INTEGRITY TECHNOLOGY (INTEL® CIT)

Intel CIT leverages **Intel® Trusted Execution Technology (Intel® TXT)** to assure a full chain of trust, from bare metal up through virtual machines, which enables software-controlled visibility and policy enforcement of hardware-secured asset tags.



SNAP

Snap is an open telemetry framework, standardized behind a single API for simpler management. It exposes measurements from hardware counters to application statistics, resulting in more agile and efficient infrastructures.



INTEL® DATA CENTER MANAGER (INTEL® DCM)

Intel DCM is a standalone solution that provides accurate, real-time power and thermal monitoring and management for servers and IT equipment while lowering total operating costs.

TAKE CONTROL

Achieve real-time telemetry—and the control and significant cost savings that come with it—with the **Intel Xeon Scalable platform**. Visit www.intel.com/xeonscalable for details.