Extend your hybrid cloud to the edge with Red Hat and Onlogic

Brief

Red Hat Enterprise Linux can help you extend your hybrid cloud infrastructure across hundreds of thousands of nodes.

Bring the hybrid cloud to the network edge

At the edge of the network, connected devices at remote sites such as programmable logic controllers (PLC) are generating ever-increasing volumes of data. Industrial businesses engaged in modernization efforts are overseeing growing numbers of individual devices and computing locations, many of them with intermittent connectivity and limited physical access. At the same time, privacy and security have never been more urgent concerns.

Increasing complexity and rapid technological innovation at the edge represent an opportunity to extend an open hybrid cloud platform and approach all the way to the data sources and end users.

Red Hat and OnLogic are working together to combine IT methodology with operational technology (OT) advancements and bring the benefits of an open hybrid cloud-to-edge environment.

Discover the benefits of working with Red Hat and OnLogic

OnLogic is an industrial technology company that produces advanced, powerful, and highly configurable small form factor computers designed to operate reliably in the challenging environments often found at remote edge sites, where traditional computers or servers can often fail.

Red Hat and OnLogic have partnered to create a portfolio of Red Hat-certified hardware devices. With certification by Red Hat, users can be sure that OnLogic's systems are fully compatible with Red Hat® Enterprise Linux® out of the box.

Explore the capabilities of Red Hat and OnLogic

Red Hat Enterprise Linux

Edge deployments require overseeing hundreds of thousands of nodes and clusters in locations with limited or no IT staff, such as oil rigs, high-speed trains, airplanes, ATMs, and retail point-of-sale terminals. Organizations need a centralized method for deploying, updating, and managing these nodes and clusters.

With Red Hat Enterprise Linux, you can deploy on a consistent, flexible, and security-focused platform that is built for enterprise workloads. This streamlined operating system helps to improve workload resiliency and add security features to edge systems and data, giving you the insights you need to make intelligent, real-time business decisions. Red Hat Enterprise Linux provides supported access to open source innovation by representing your requirements upstream.

Tacton panel PCs offer:

▶ Extensive input/output (I/O) flexibility.

▶ Built-in artificial intelligence (AI) acceleration.

▶ Premium touch displays.

▶ Physical and hardware security features.

Red Hat Enterprise Linux on OnLogic Tacton TC401

Tacton TC401 panel PC is a touchscreen computer built for reliability in tough environments. It is certified by Red Hat to support Red Hat Enterprise Linux-based processing closer to the source of data, improving response times and conserving bandwidth in a hybrid cloud environment.

Tacton supports hybrid cloud computing at the edge with:

- Powerful computing in a modular platform, designed to scale as operations expand.

- Modular design, high resolution, and display options to suit any deployment environment.

- High reliability with damage resistance, a wide range of temperature tolerance, and industrial or rugged power options.

By combining the reliability of Tacton with the consistency and stability of Red Hat Enterprise Linux, your organization can extend reliable computing to the most remote and difficult of edge sites—improving the efficiency of your operations, enhancing your security posture, reducing downtime, and increasing business value.

Get started with Red Hat and OnLogic

- Discover Red Hat's industrial edge capabilities.

- Explore Tacton, and learn more about OnLogic's suite of solutions.

About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with award-winning support, training, and consulting services.

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