ClearBlade and Dispersive Industrial IoT Solution

Accelerating and Securing IoT Edge and Cloud deployments

Zero-Trust and Zero-Touch solution ensures edge data is protected across public Internet, LTE or other communications infrastructure invoking the SASE model

Challenge

As Industrial IoT (IIoT) implementations accelerate transportation, building management, energy, government, smart cities and many other use cases, the need to secure edge data from device to the cloud becomes even more critical.

As we watch devices grow in number across corporate and government networks, they expand the attack surface. We witness news breaks on the rise of cyber attacks on digital systems, business enterprises, utilities and government agencies who are forced to address the influx of IoT devices and how those systems are secured.

Solution

Together, ClearBlade and Dispersive have developed a zero-trust and zero-touch solution that ensures edge data is protected across public Internet, LTE or other communications with Dispersive’s patented overlay solution that creates a fully private and ultra-secure virtual network.

This combination improves performance and resiliency while decreasing the cost to deploy and manage.

Bringing IIoT Zero-Trust and Zero-Touch Capabilities Together with a Unified Platform and Networking Offering

Dispersive is a leader in Secure Access Service Edge (SASE), a model introduced by Gartner in 2019. SASE is the convergence of WAN (wide area networking) and Security into a single, cloud-delivered service model. Instead of managing network and security separately, SASE simplifies and unites these domains with integrated security, flexibility, performance and scale.

Dispersive reaches beyond SASE to levels of security and performance that outperforms rivals and surpasses rigorous government and enterprise critical communications requirements.

ClearBlade is the industry-leading Edge Computing software company that enables enterprises to rapidly engineer and run secure, real-time, scalable IoT applications. ClearBlade offers a fully scalable, secure, flexible and autonomous IoT edge platform that enables companies to ingest, analyze, adapt and act on any data in real-time and at extreme scale. ClearBlade provides a consistent platform across edge, cloud and on-premise environments.

Together, the companies are combining platforms to bring a more complete, ultra-secure and high-performance edge-cloud solution to large enterprises, service providers, governments, energy utilities, logistics and transportation companies requiring edge-cloud computing solutions which combine programmable IIoT and networking.
Bringing IIoT Zero-Trust and Zero-Touch Capabilities Together with a Unified Platform and Networking Offering (continued)

Secure access service edge, or SASE (pronounced “sassy”), is an emerging cybersecurity concept that Gartner described in the August 2019 report, “The Future of Network Security”.

SASE is the convergence of WAN (wide area networking) and Network Security Services into a single, cloud-delivered service model.

Instead of managing network and security separately, SASE simplifies and unifies these efforts while solving the scaling, security, flexibility, performance, and cost containment challenges networks and enterprises will face while attempting to manage the explosion of data, computing, people, locations, applications, services, IoT systems, and edge computing entities accessing their digital assets from any device on any network, public and private.

ClearBlade Solution Combined with Dispersive SASE DVN

Complete IoT Edge Security, Resiliency, and Optimization

ClearBlade Solution with Dispersive SASE DVN and Blockchain

Complete IoT Edge Security, Validation, Resiliency, and Optimization
ClearBlade Industrial IoT Edge Platform

Enterprise software for IoT deployed in the cloud, on-prem or hybrid

Node instances to scale solutions in a centralized way on the platform

Edge software to scale solutions in a distributed way with local execution

Pre-built applications deployed on the platform and at the edge
Flexible Industrial IoT software and cloud delivering complete functionality with zero-trust and zero-touch from any device to any enterprise system.

Both ClearBlade and Dispersive bring programmable design, engineering, implementation, monitoring, management and scaling capabilities to large-scale, mission critical IIoT projects.

By combining the leading IIoT platform with a flexible, disruptively secure, software defined private network, our companies make deployments faster and more flexible, smarter and more secure. With API integration, unified end-to-end solutions reduce complexity, costs and cyber-risk, while providing the backbone for mission critical connected solutions, including those requiring low-latency and computing at the edge and in the cloud.

About ClearBlade
ClearBlade is the industry-leading Edge Computing software company that enables enterprises to rapidly engineer and run secure, real-time, scalable IoT applications. Headquartered in Austin, Texas, ClearBlade is an award-winning, fully scalable, secure, flexible and autonomous IoT edge platform that enables companies to ingest, analyze, adapt and act on any data in real-time and at extreme scale. ClearBlade provides a consistent platform across edge, cloud and on-premise environments. For more information, please visit www.clearblade.com.

About Dispersive
Dispersive Networks provides a radically different approach to secure virtual networking which delivers new levels of security, reliability, and performance. We enable partners to securely connect digital businesses, products, clouds and technologies end-to-end across any kind of network infrastructure, including the public Internet. Additional information can be found at: www.dispersive.io | +1.844.403.5850 | info@dispersive.io

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