

PRESS RELEASE

No more tradeoffs: Xiid and Portainer unite to secure distributed workloads at scale

New integration pairs Portainer's edge container management with Terniion's deterministic network security to give teams full operational reach over distributed IT, OT, and IoT infrastructure while drastically reducing the attack surface.

LAS VEGAS – May 19, 2026 – [Xiid Corp.](#) and [Portainer.io](#) today announced a technology partnership to make distributed container infrastructure used in enterprise IT, industrial, and IoT deployments easier to manage and harder to attack. The new, unified edge-to-command architecture integrates Portainer.io edge computing with Xiid's Terniion deterministic network security to flatten the network, dramatically reduce operational costs, accelerate deployment times to just weeks, and designed to provide mathematical certainty against external network attacks.

Edge infrastructure has a fundamental challenge. To manage it, you have to be able to reach it, and anything reachable can be attacked. Xiid removes that constraint entirely. Its Terniion platform is designed to make edge nodes invisible at the network level. This pairs perfectly with how we manage workloads across distributed environments. Users get full operational control without the attack surface that usually comes with it. That's a combination that got me really excited and what drove us to partner.

— Neil Cresswell, CEO, Portainer

Portainer manages distributed workloads. Terniion secures the access path.

“With Terniion, edge nodes become virtually invisible at the network level,” said Xiid CEO Steve Visconti. “That means no inbound ports, no exposed credentials, and no attack surface for external actors to target. That is critical for operations running production workloads in increasingly distributed environments such as defense agencies, healthcare facilities, manufacturing plants, remote sites, and other locations where connectivity is limited and security requirements are high.”

Together, the Xiid-Portainer combination addresses a problem that has historically forced a trade-off: Operational reach vs. security exposure. That trade-off has limited how far operations teams can extend their infrastructure. The more reachable an edge environment is, the more exposed it becomes. Xiid and Portainer eliminate that constraint, giving teams

full visibility and control over distributed workloads without the network exposure and enterprise risk that accompany them.

- Portainer manages deployments at scale, giving operations teams a single console to deploy, update, and monitor containerized workloads across thousands of edge, on-premises, and cloud sites. Portainer KubeSolo, a single-node Kubernetes distribution running on as little as 200MB of RAM, allows the same management approach to extend to resource-constrained edge gateways without per-site scripting or specialized platform expertise.
- Xiid's Terniion secures Portainer-managed environments with tunnels designed to be mathematically impenetrable that are bound to the application process level, removing the need for open inbound ports and preventing lateral movement even if an endpoint is compromised.

“Most security architectures still assume infrastructure must remain reachable to be operational,” said Visconti. “Terniion bypasses that assumption. Instead of protecting exposed management paths, we eliminate the need for them by enabling secure, outbound-only, application-specific interactions between workloads, operators, AI systems, and distributed infrastructure.”

“This partnership reflects our belief that the right answer to infrastructure security is not to choose between control and protection,” added Cresswell, “it is to give teams both.”

About Xiid

Xiid delivers quantum-resistant, deterministic network security with Terniion, a security platform powered by SealedTunnel and the Aclave authentication management system. Terniion eliminates exposure while simplifying and strengthening security stacks so attackers have nothing to find or exploit. For more information about Xiid and how its patented unbreakable security can stop attacks before they start, visit www.xiid.com and follow us on [LinkedIn](#).

About Portainer

Portainer is the world's leading container management platform, helping organizations deploy, manage, and secure containerized applications across Docker, Kubernetes, and edge environments without the specialist overhead. Portainer simplifies container operations through a consistent, intuitive interface designed for both developers and operations teams. Learn more at Portainer.io