

About our solution

Atos Intelligent Data Centre Fabric powered by Juniper Apstra

We create the reliable network of the future by removing human error and cost.

Organizations seek automation for cost savings, yet still rely on manual network management. Network engineers manually code devices and create artisanal playbooks, requiring specialist and costly skills such as Python and DevOps. They face pressure to deploy applications quickly, increasing the risk of human error, with manual input leading to unique, unstandardized networks.

Our Intelligent Data Centre Fabric, powered by Juniper Apstra, provides an end-to-end overlay that removes the reliance on humans, removing the pressure and intensive focus required, to create scalable standardization through automation. Validated templates and zero-touch provisioning ensure reliable data center operations and reduce deployment times, and Apstra's Freeform capability enables additional customization.

70-75% of all data center and service outages are caused by human error. Rapid advancements in technology have exponentially expanded and complicated networks to the extent that manually setting them up and managing them has turned into a mission impossible.

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Atos AI-driven network powered by Juniper Mist

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Organizations are looking for predictive AI and automated solutions providing one centralized console to manage all distributed access points and to spot issues before they occur, dramatically driving down call tickets and reducing downtime. They are looking for an overlay solution for their network to accelerate and reduce management costs – requiring minimal network management and low-skilled employees to install it.

Atos AI-driven network powered by Juniper Mist makes networking predictable, and reliable. Time-consuming manual IT tasks across the distributed network are replaced with AI-driven proactive automation and self-healing capabilities, lowering networking operational costs, and saving substantial time and money. Networking and location services can also be consumed in a scalable and cost-effective manner by selecting subscription services that are optimal for the environment without requiring extra hardware.

Atos and Juniper delivered a campus-wide network replacement for a German chemical company. Using Juniper MIST the roll-out was significantly simplified.

