allxon

Edge AI Device Management SaaS with Out-Of-Band Disaster Recovery Solutions

Industries

- > Smart Retail
- > Smart City
- > Smart Transportation
- > Smart Agriculture

Solutions

- > OOB Cloud Serial Console
- > OOB Power Cycling & Scheduling
- > Fleet Provisioning
- > BSP OTA Updates

LEARN MORE

✉ service@allxon.com

🌐 www.allxon.com

in Allxon Inc.

NVIDIA | Preferred Partner

EDGE AI DEVICE MANAGEMENT FOR NVIDIA® Jetson™

OOB Power Cycling & Scheduling	Cloud Serial Console	Fleet Provisioning	BSP OTA Updates

Allxon is an NVIDIA Preferred Partner for NVIDIA® Jetson™ and a selected third-party Edge AI Device Fleet Management solution provider for NVIDIA Metropolis Microservices for Jetson. We support the NVIDIA Jetson Family, including **Jetson AGX Orin**, **Orin NX**, **Orin Nano**, **AGX Xavier**, **Xavier NX**, and **Nano**, through our unified portal, making it effortless for businesses to thrive.

Our wide range of power-related features can swiftly address system errors and unresponsive devices by remotely **powering off and on** Jetson edge AI systems. Additionally, our **Fleet Provisioning** ensures the efficient deployment of thousands of edge AI devices, while our **BSP OTA Updates** conduct regular updates and address time-sensitive application vulnerabilities at scale, empowering developers to advance their innovations in AI model development.

WHY US?

Out-Of-Band Disaster Recovery
The industry's only solution for NVIDIA Jetson, providing cloud-ready power cycling for remote device rebooting or powering off to resolve system crashes, and cloud serial console for direct device-level troubleshooting and debugging remotely via debug UART.

BSP OTA Updates
Enabling smooth BSP updates for NVIDIA Jetson edge AI devices, including upcoming JetPack 6 releases, empowers developers to innovate effortlessly.

Fleet Provisioning
Automating zero-touch provisioning for NVIDIA Jetson-related applications and device configuration at any scale, freeing developers from repetitive tasks to ensure operational readiness.

Allxon SOLUTIONS

Allxon Portal offers solutions that go beyond **Remote Monitoring and Management (RMM)** and provide advanced **Out-Of-Band (OOB) Disaster Recovery Solutions** to ensure support for NVIDIA Jetson edge AI devices throughout the project lifecycle, from start to finish.

In-Band — Allxon RMM (Software-Based)		Out-Of-Band — Allxon swiftDR (Hardware-Based)	
Alert Notification	Reboot	Power Switch	Thermo-Guard
Logs Collection	Send Command	Force Shutdown	SSD Backup & Recovery
Software Watchdog	Take Screenshot	Power ON/OFF Scheduling	Tamper Detection
GPU Performance	OTA Update	Device Always-ON	Wi-Fi & 4G LTE
Plugin Station	Fleet Provisioning	Power ON/OFF Detection	OOB NC-SI
		Customize	OOB Cloud Serial Console