

QNX to LINUX



The evolution you can't afford to miss

White Paper



Why You Need to Upgrade Now

For over two decades, AVECO's automation systems ran on QNX — the best realtime operating system of its time. It was ideal for large distributed control systems, fully POSIX compliant, and a natural choice for mission-critical broadcast automation.

But technology evolves — and QNX has moved on. Its manufacturer now focuses on embedded systems like automotive. The version we've relied on is no longer supported, doesn't run on modern hardware, and can't be easily virtualized.

That means:

- No updates
- No hardware compatibility for the latest servers
- Virtualization is difficult or impossible

The solution?



the 5th generation of AVECO automation.
Built for today, ready for tomorrow.

Why ASTRA V is the future

ASTRA V: Powered by Linux, Built for Broadcast

- Open, Secure, Supported — Linux is a proven, industry-leading OS with strong community and commercial backing.
- Flexible Deployment — Run on-premises, in the cloud, or in hybrid architectures.
- Real-Time Precision — Frame-accurate automation both in cloud-buffered and real-time on-prem environments.
- Performance Boost — Supports modern multi-core processors for higher density and faster processing.
- Integration-Ready — Supports latest standards of IT (such as HTML5 or REST) as well as broadcast standards (such as 2110) for seamless interoperability with the latest third-party tools.
- Improved Monitoring — Better oversight for smooth 24/7 operation.
- Future-Oriented — Linux is here to stay and evolve.

Your Upgrade Path Is Smooth

We've designed the migration from QNX to ASTRA V to keep your workflows intact while giving you all the benefits of a modern, supported platform.

QNX served you well — but its time is over. ASTRA V keeps your automation future-proof, secure, and ready for whatever's next in broadcasting.

CONTACT US TODAY TO SCHEDULE YOUR UPGRADE.

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