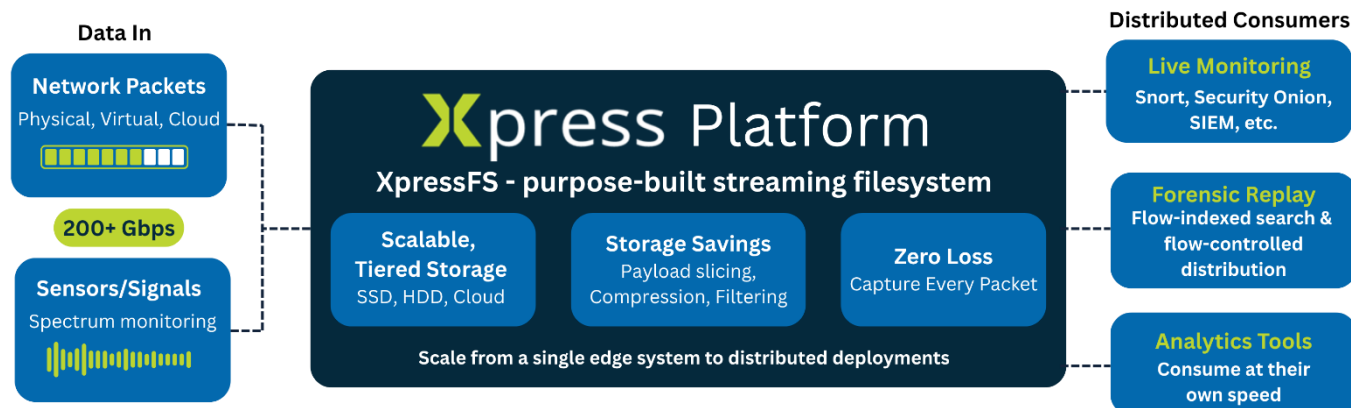


From Data Capture to Persistent Data Operations™

The Data DVR for Network and Spectrum Intelligence

Axellio continuously captures, retains, distributes, and replays high-speed, multi-modal streaming data available while keeping it persistently available for analytics – without forcing organizations to choose between collecting data and using it.

Built Differently from the Start



The Xpress Platform® is built on non-blocking, decoupled capture and consumption: recording is fully separated from everything reading the data. A slow, overloaded, or failed analytics tool cannot interrupt the write path or cause the original data to be lost.

XpressFS® prioritizes capture while managing reader access to performance storage. Readers and writers run together when capacity allows, and under pressure, readers yield so recording never stops.

Why the Xpress Platform is Different

ZERO-LOSS BY ARCHITECTURE	OPEN & SOFTWARE-DEFINED	SCALES WITH THE MISSION	SECURITY BY DESIGN	PERSISTENT, REUSABLE DATA
Capture is isolated from consumers. Slow or failed tools fall behind while recording continues.	COTS, virtual, cloud, edge, or disconnected. With open interfaces for existing tools.	Capture, compute, storage, and distribution scale independently from edge to enterprise.	Encryption at rest, controlled access, audit logging, and disconnected operations.	The same data supports monitoring, forensics, AI, testing, and training, all simultaneously.

Proven Performance with Partners and Customers



Where Axellio Fits

Reconstruct What Happened Replay What Matters Feed What's Next	
RECONSTRUCT	Full-Fidelity Packet Capture • Long-Term Retention • Fast, Indexed Retrieval • Chain-of-Custody Storage
REPLAY	Testing • Training • Validation • Mission rehearsal
FEED	Analytics • AI/ML • Monitoring • Mission applications • Compliance

Complete data for AI: Axellio preserves replayable ground-truth data for analytics and AI model development.

One Platform. Two Mission-Focused Products

Both products share the same XpressFS architecture, storage, replay, security, and open integration.

PacketXpress®	SensorXpress®
- Captures, stores, searches, distributes, and replays high-speed network traffic while existing tools continue operating through familiar interfaces 200+ Gbps sustained packet capture - Flow-indexed search and rapid PCAP extraction - libpcap-compatible integration with Zeek, Suricata, Wireshark, Snort, SIEMs, etc. Typical missions: Threat hunting Forensics Network Ops Compliance Zero Trust Test Training Capture, broker, record, and replay in one software-defined platform	- Captures, stores, distributes and replays high-speed spectrum data (e.g., VITA 49, IQ) for continuous spectrum capture, monitoring, and observability - Wider-bandwidth and longer-duration retention - Simultaneous access by multiple processing apps - Controlled replay through SDR and signal-processing chains Typical missions: SIGINT ELINT EW Radar Signature dev Satellite Ground Station Training IoT Record wider bandwidths for longer periods and replay them repeatedly

Eliminate the Traditional Tradeoffs

Ask Your Current Architecture	With the Xpress Platform
Can it record at full rate while data is being consumed?	Yes – capture and consumption are decoupled
What happens when an analytics tool slows or fails?	Recording continues
Can historical data replay while recording new data	Yes – simultaneously
Can I add analytics consumers without adding capture hardware?	Yes – new consumers run on their own compute and read from shared storage
Am I locked into proprietary data formats or appliances?	No – open interfaces and COTS infrastructure
Can infrastructure scale independently with the mission?	Yes – Capture, storage, compute & distribution scale independently

Complete Data. Better Decisions.