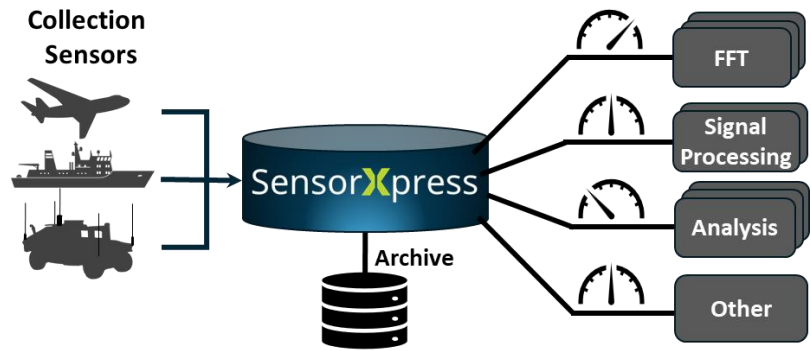


Fast-Track your RF Analysis Advantage

**Can you afford blind spots and data loss in your RF analysis system?
Your enemies expect it - let's surprise them!**

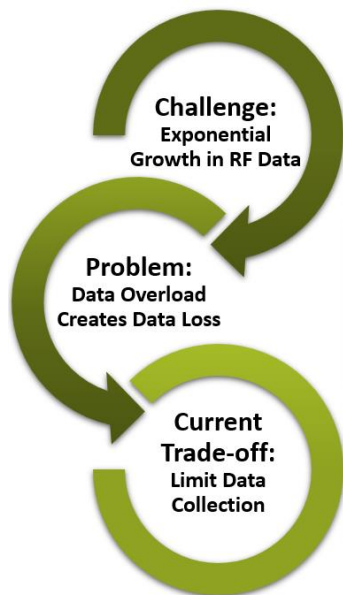
Axellio® SensorXpress™ innovates the RF analysis approach to allow you to process over 100 Gbps through your existing analysis infrastructure without losing data. RF sensors generate an overwhelming amount of data for Intelligence, Surveillance, and Reconnaissance (ISR) and Electronic Warfare (EW) that often exceed the capacity of the analysis systems to reliably store, distribute, and analyze the data. Axellio, building on its 20 years' experience in high-speed, high-volume storage systems, developed SensorXpress to maximize the capabilities and extend the useful life of your existing RF infrastructure:

- Software-based RF data recording and distribution solution
- Simultaneously ingests, stores, and distributes from 1 to 100s of Gbps
- Frequency and protocol-agnostic for ingestion, recording, and distribution, including raw I/Q or VITA49
- Multiple analysis streams for simultaneous real-time and on-demand analysis, individually configured for content and speed



SIGINT, ELINT, & EW Operations – Budget Constraints Limit Visibility

**Are your budget constraints creating blind spots by limiting what you can analyze?
Your adversaries are likely to exploit these!**



Capturing wider bandwidths in increasingly dense signal environment and demand for longer time-on-target missions stress existing monitoring systems due to:

- Insufficient storage performance to keep up with those high data rates,
- Overloading signal processing applications analyzing the data.

Today's compromise to compensate for the lack of performance typically limits the bandwidth or time collected to match either the storage or analysis capabilities and often requires offline analysis, delaying critical insights.

You cannot afford to miss Signals of Interest (SOI) or have vital information lost forever. By adding Axellio's cost effective higher performance processing infrastructure, especially at the tactical edge, you'll never miss a SOI.

The Most Innovative RF Data Storage & Distribution Available

SensorXpress™ provides a high-intake RF data platform to capture, store, and distribute high-speed RF data in an extremely small footprint.

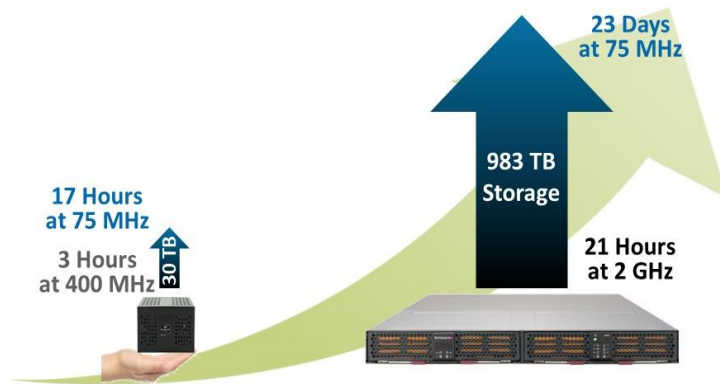
Maximize the performance and capabilities of your existing collection and analysis infrastructure:

- ✓ Record longer at wider bandwidths from more sensors
- ✓ Distribute at rates your analysis applications can safely consume
- ✓ Record and distribute simultaneously and continuously without looping

This Isn't Your Typical Wideband Recorder

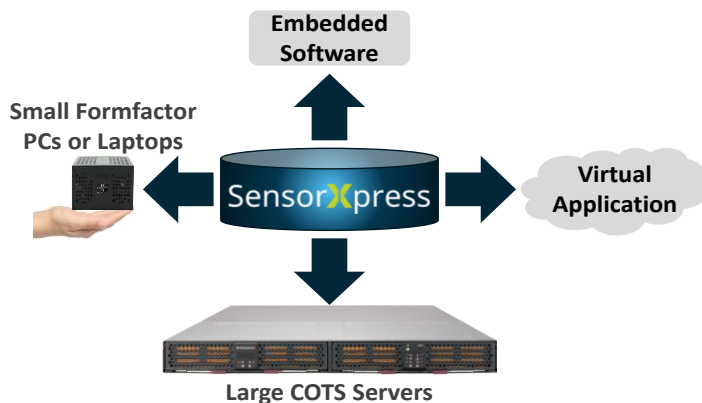
SensorXpress streams data simultaneously on and off disk - at the highest speed* and density in the industry!

- Spectrum, sensor, analysis application, and hardware agnostic
- High-speed, no loss capture and distribution in real-time and on-demand for any time series data
- Controlled and repeatable data distribution – from many sensors to many analysis applications
- Customizable, high-density Size, Weight, and Power (SWaP) form factors in COTS hardware



Completely Customizable to Your Mission

SensorXpress is a scalable software application that integrates with many operating systems on either custom or COTS hardware to meet your mission specific requirements:



- As embedded software, it allows for onboard analysis directly on your sensor platform for compact form factors in aerial or mobile platforms
- As a virtual appliance for private, government, or public cloud deployments
- In small, sometimes rugged processing platforms for front-line tactical deployments
- On COTS servers for performance and scalability in large data centers or forward operating bases
- Connects with your sensors and analysis systems via standard software APIs either directly on your system or via wired or wireless networks

* Assumes 32 Bits Data per Sample for 120 Million Samples per Second (MSPS) for 75 MHz, 640 MSPS for 400 MHz, 3,200 MSPS for 2 GHz