

Mono™ is a data distribution software product that provides reliable data distribution using a unidirectional transmission path. As examples, Mono™ can be used to reliably deliver data over a broadcast channel to many receivers, to reliably deliver data between different security environments, and to reliably deliver data to passive receivers (that do not transmit), thus enhancing Low Probability of Detection (LPD) for receivers.

ONE-WAY RELIABLE DATA DISTRIBUTION

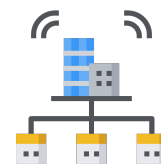
➤ PRODUCT HIGHLIGHTS

- One Way** – Unidirectional data transmission
- Broadcast** – Scalable broadcast distribution
- No backchannel** – No receiver transmission enables LPD
- Reliable** – Unparalleled packet loss protection
- Low Latency** – Ultra-low distribution latency
- High Throughput** – Move data at high speed

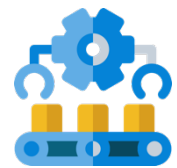
➤ EXAMPLE APPLICATIONS



Defense Communications



SD-WAN

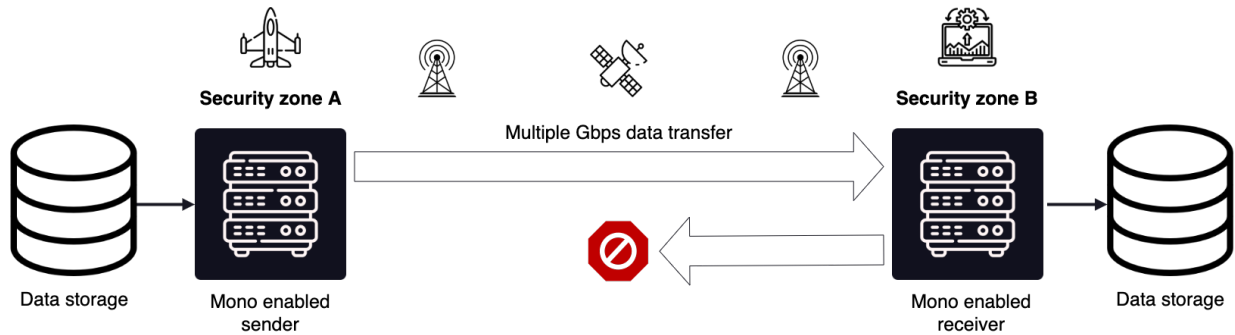


Industrial IoT

➤ FEATURES

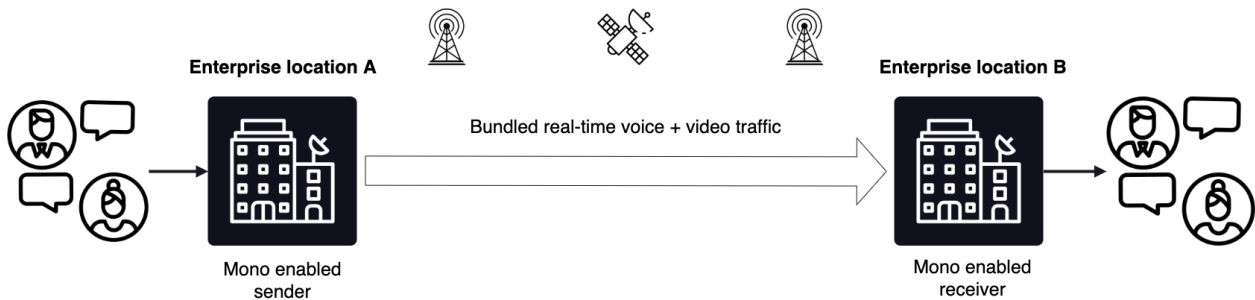
<u>PARAMETER</u>	<u>DESCRIPTION</u>
Sending rate and packet loss protection settings	Configurable
Data rate	5+ Gbps using 8-core, 2.4GHz, 32GB RAM machine
File size supported	Up to any size supported by file system
Software library size	~500KB
CPU	Intel, ARM
Operating systems	Linux (CentOS), Windows, Mac, iOS, Android
Data ingress / egress	Folder / HTTP based interfaces
Documentation	Usage and Installation guide
Monitor and control	Via command-line interfaces
RaptorQ standard compliant	IETF RFC 6330

➔ USE CASE: Integration into a data diode



Unidirectional data transfer between different security zones. No receiver transmission enables LPD. Prevents networks from external cyber threats while maintaining high throughput and ultra-low distribution latency.

➔ USE CASE: Integration into SD-WAN



Enables ultra-low latency delivery of bundled real-time voice and video traffic between enterprise sites over unreliable underlay networks.