



TAC SYNC

“When half the time is still too long...”

Selectable lossless, lossy or progressive compression for in transit tactical information and sensor data.

The Problem:

With limited and intermittent connectivity and the growing need for more data to be available TO and FROM the warfighter, the time it takes for the warfighter to either receive or convey this information is unnecessarily amplified.

In this situation, time can mean lives; time can mean lost ground; time is an additional enemy. Every second spent waiting for pertinent information is an uninformed minute that can change the outcome of the mission. Maps, troop size, movements, target locations, objectives, all play an important role in the outcome of a mission.

With ever growing sensor capabilities and the massive files they produce, as well as detailed descriptions of adversaries taking up valuable space, the need for more bandwidth between the warfighter and their information is becoming ever more apparent.

Additional bandwidth currently quantifies added weight, more weight results in reduced essentials that can be transported by the warfighter. The need to convey the message and do it quickly is paramount.



We are changing the way data is secured and moved with our innovative SALT approach: Sea, Air & Land Technology. We have been providing revolutionary, patent-driven compression and encryption products for over 15 years.

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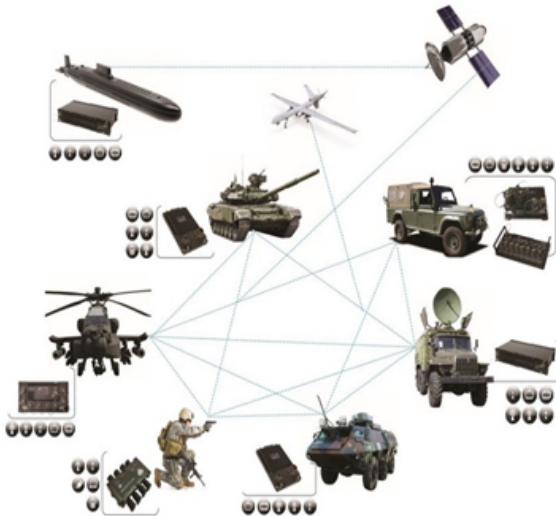


The Solution

Our agnostic inline compression and decompression engine is designed from the ground up with the first response, tactical and warfighter in mind.

As threats are growing, the need for faster delivery of information is critical to keeping up with the needs of the warfighter.

As said before: time can mean lives; time can mean lost ground; time is an additional enemy. TAC SYNC is the answer.



The Benefits

Selectable lossy, lossless, or progressive compression for in-transit tactical information and sensor data.

Transport agnostic inline compression and decompression engine designed from the ground up with first response and tactical use in mind.

Available lossy transcoding of information deemed critical for informed response to missions.

With lossy compression, data is less than half the size for transport.

TAC SYNC converts standard tactical data to a form more suitable for transport by compressing this tactical data to take up as little bandwidth as possible and upon receipt converts this data back to its original form.

With lossy conversion methodologies at its disposal, it is capable of much higher compression than lossless compression methods, allowing tactical data to be available across limited connectivity in less than half the time, while allowing the recipient to use the same tools to review the data.

TAC SYNC Applications:

- Command and Control Systems
- Telemedicine and Health Records
- Unmanned and Manned vehicle links
- Satellite and Terrestrial Communications
- Surveillance and Reconnaissance
- Weapon Platforms



About Timmes

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