

KNOWING WHAT
THE PRINCIPLE
„NEED TO KNOW“
MEANS!



ERIS-COMMS

ERA Information System for Data Communication Management

ERIS-COMMS is an information system designed for SW data routing and advanced data dissemination to transfer data from VERA-NG or other sensors to destinations in data communication networks.

Providing an advanced data communication management, ERIS-COMMS can be deployed both at sensor sites as well as remote locations of the communication networks.

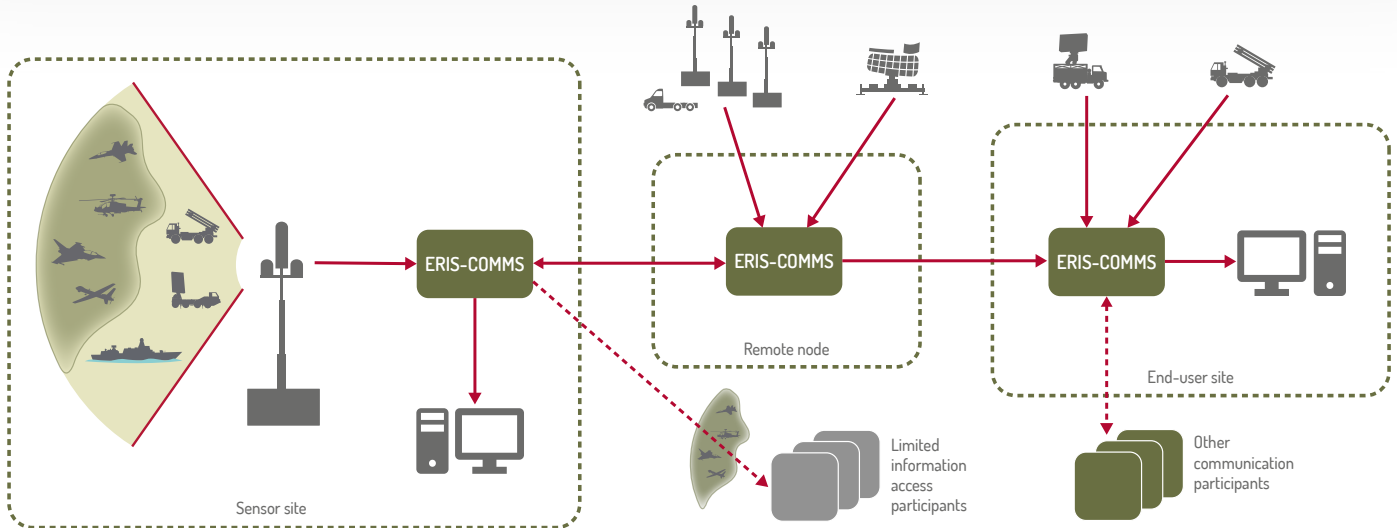
Following the need to know principle, ERIS-COMMS is capable of restricting the sensitive data before transferring them to receiving parties.

The data transferred by ERIS-COMMS may be filtered based on parameters or geographic areas, subjected to sensitive information suppression, converted to other data format or recorded for later analysis.

KEY FEATURES:

- ✓ SW data routing and data dissemination
- ✓ Advanced data dissemination rules
 - Parametric filters
 - Geographic area filters
 - Data item suppression
- ✓ Centralized data communication management
- ✓ Format conversions for interoperability support
- ✓ Data integrity check
- ✓ Data recording, archiving and exports
- ✓ Online monitoring and control

DEPLOYMENT AND DATA FLOW OPTIONS:



FUNCTIONS:

ERIS-COMMS provides SW control over what way the information from VERA-NG or other sources is distributed to the destinations in the communication network.

• **SW DATA ROUTING AND DATA DISSEMINATION**

The key task of ERIS-COMMS is enabling transferring data from VERA-NG or other sources to specified destinations (users) in the communication network according to set of rules.

• **DATA FILTERING**

Individual data messages are filtered out if the userdefined parametric or geographic area conditions are not met.

• **SUPPRESSION OF SENSITIVE INFORMATION**

Suppression of selected sensitive data items before transferring them to defined destinations so that only information needed is distributed to involved parties.

• **DATA FORMAT CONVERSION**

Conversion between data formats (e.g. UFE to ASTERIX) supports the interoperability between various systems involved.

• **DATA RECORDING, ARCHIVING AND EXPORTING**

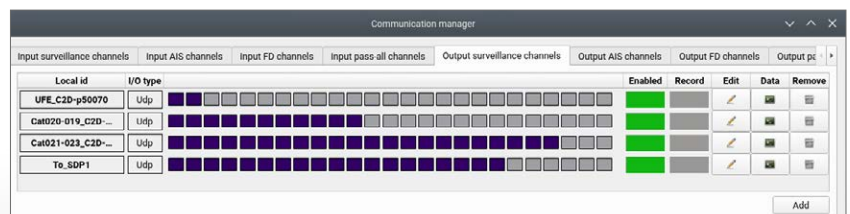
Continuous recording of selected in input or output data streams create archives available for later exports and replays.

BENEFITS:

- ✓ Makes sure the sensitive information not shared with everyone
- ✓ State-of-art programming, effective multi-threaded processing
- ✓ Advanced communication statistics between ERIS-COMMS nodes

TECHNICAL PARAMETERS:

- Distribution using UDP/IP and TCP/IP protocols
- Support of UFE, ASTERIX, AWCIES and FPL formats
- Full knowledge and support of VERA-NG output
- Communication statistics between ERIS-COMMS
- Real time stream control and monitoring
- Server-Client architecture
- Available for OS Linux & OS Windows
- Interoperability with ERA LAPDIS



Centralized management of communication channels

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