

# SDDN

## Surveillance Data Distribution Node

### Product Overview

Surveillance Data Distribution Node (SDDN) is a modern solution designed to provide large surveillance data sets filtering, distribution and interoperability among surveillance systems. SDDN is dedicated to civil and military surveillance data networks. It is scalable, safe and fully configurable via user friendly GUI.



### Highlights

- Support for any current and/or future ASTERIX & AWCIES category versions (including PSR, SSR, PSR/SSR, Mode S, ADSB, MLAT, etc.)
- Centralized monitoring, configuration and control
- Interoperability with any ASTERIX EUROCONTROL compatible surveillance systems
- Data validation, filtering and conversion

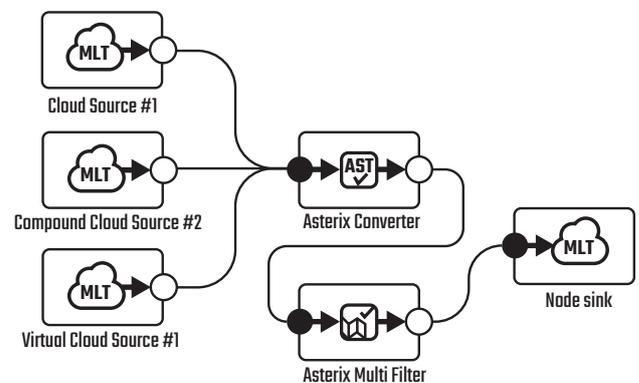
### Safety & Security

- Protected configuration profiles
- Realtime support for SW/HW failover
- May be equipped with certified Data Diodes enforcing unidirectional data flow on requested (option)

### Data filtering

- static nad dynamic - dependant on load

### Recording/reply and presentation (vector and raster maps)



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Surveillance Data  
Distribution Node



## Scalability

- scalable node HW depending on processing requirements
- scalable deployment: from one node solution to multiple nodes cooperating network

## Management

- HW & SW monitoring based on SNMP standard
- Local/Remote configuration & control (user friendly GUI)

## Hardware components

- Operational Server A
- Operational Server B
- Administration Server
- Recording Server (optional)
- Management Console (optional)

## Hardware specification

- servers details depends on performance requirements.

## Deployments

- Currently during deployment (in consortium with FUJITSU) - the Surveillance Data Distribution Cloud (SDDC) system to four sites of Polish Air Navigation Services Agency (PANSAs). SDDC system for PANSAs is made of five fully redundant (ten physical) and completely functional Surveillance Data Distribution Nodes (SDDN). The primary and redundant nodes are connected to two independent wide area networks based on different data links of two independent telecommunication operators.



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