About our interest in SARNET

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Thales Overview

Over **80,000** employees

**68** Countries

Global presence

1 bn €

Self-funded R&D*

* Does not include externally financed R&D

Sales in 2018

19 bn €
Thales’s Mission

Sensing & data gathering

Data transmission & storage

Data processing & decision making

Digital Identity and Security

Defence and Security

Aerospace

Space

Ground Transportation

We help customers master decisive moments by providing the right information at the right moment
Use case 1: Blending of Military & Civil networks

Yesterday’s demand: single protected network-in-the-box, to provide 100% pre-specified connectivity and guaranteed bandwidth

Today’s demand: redundant & dynamically adaptable & threat resistant network services
To provide 100% connectivity and sufficient bandwidth

Thales terminology:

- Disruption Tolerant Networking / Threat-resistant networks / Concurrent Access / Military-Civil Interoperability / Mission Defined Dynamic Connectivity

Cyber security architecture principle: endpoint security and data security should not depend on carrier services!!

SOTAS: land-based, in-vehicle, portable (civ&mil), but also
SATCOM equipment (civ&mil) and
CRYPTO equipment (banking, gov-to-gov, multi-country-inter-company)
Use case 2: An SDMP (Secure Digital Market Place)

- A ‘trusted & private place’ on the Internet, where selected parties can share & process digital information
- With a temporary or semi-permanent existence
- Offered as a service and supervised by an independent ‘market master’
- Business:
  - Health & Utility Monitoring service
  - Continuous Evolvability service
- Trusted = {Secure, Transparant, Controlled}

*) SDMP only supports the ‘closed market’ paradigm
Use case 3: Radar-4Hire

- Selling detection & tracking services ... instead of the equipment
  (comparable with satellite imagery services)
In summary: there are several realistic, business driven, use cases in the Defense industry, for which the SARNET results are highly relevant and applicable.