# SECURITY FOR THE CONNECTED VESSEL

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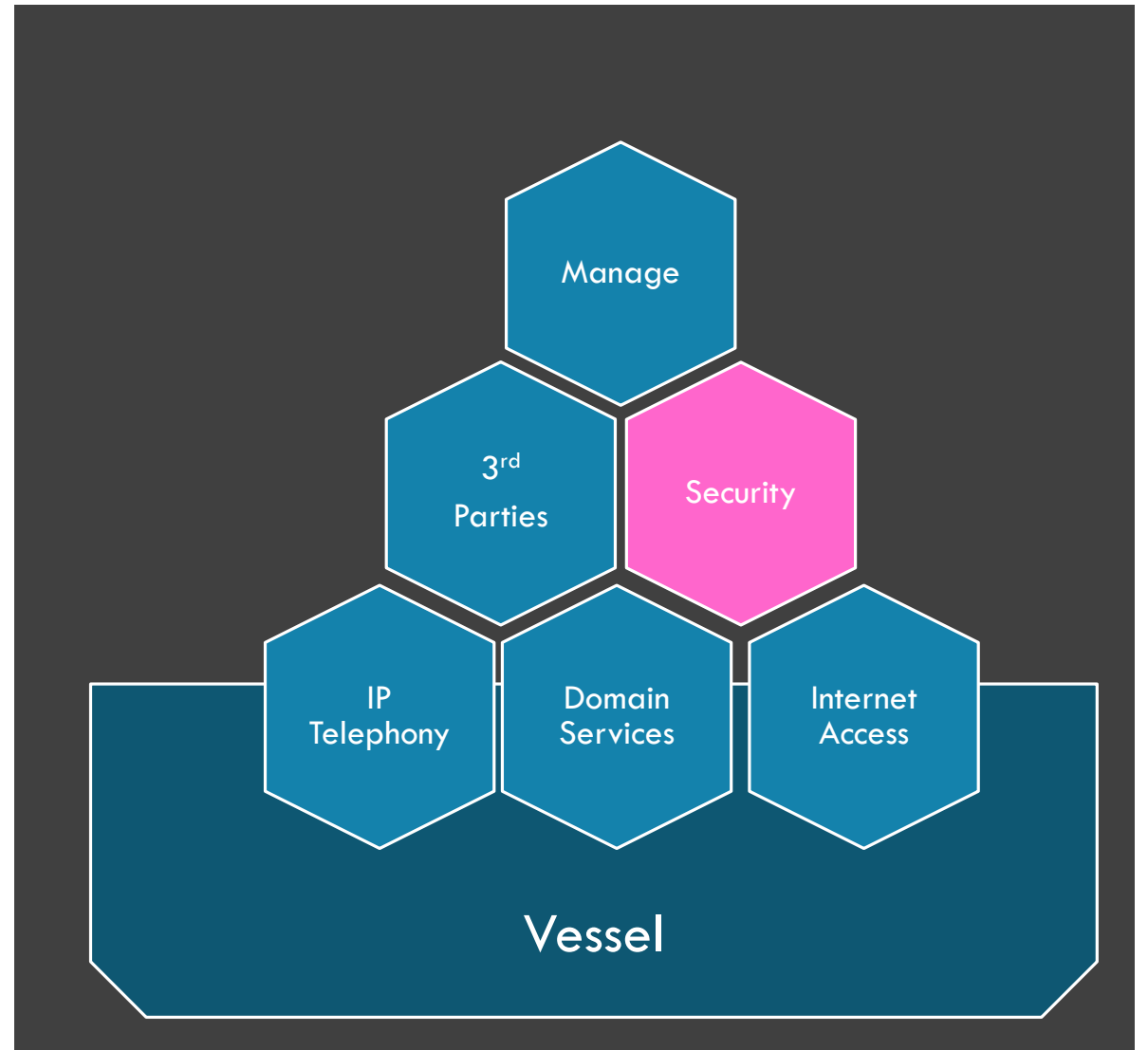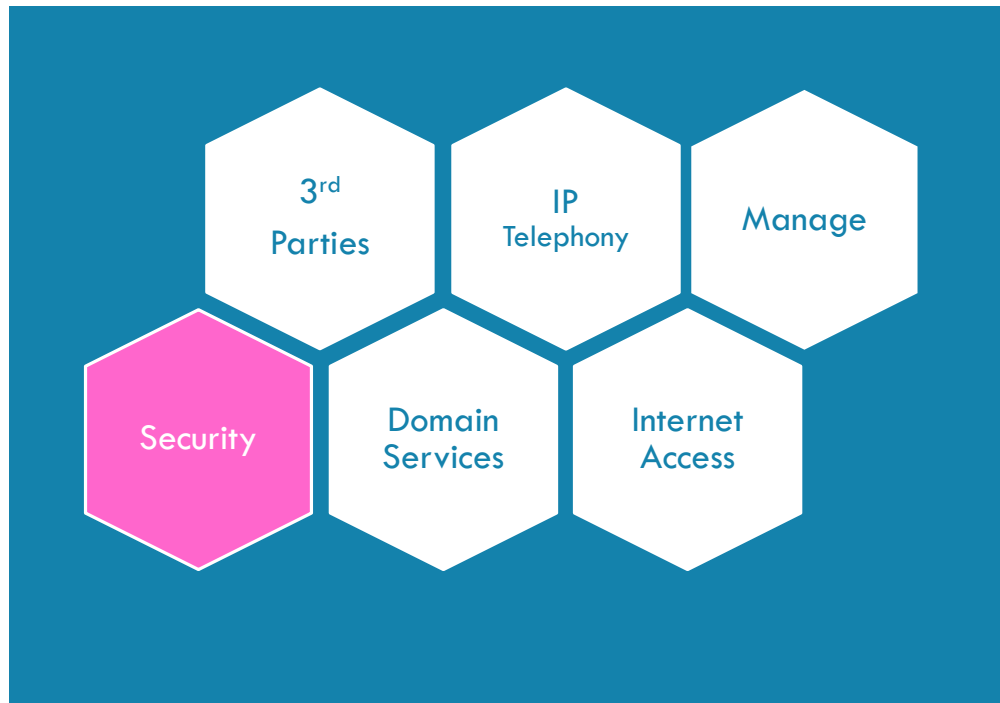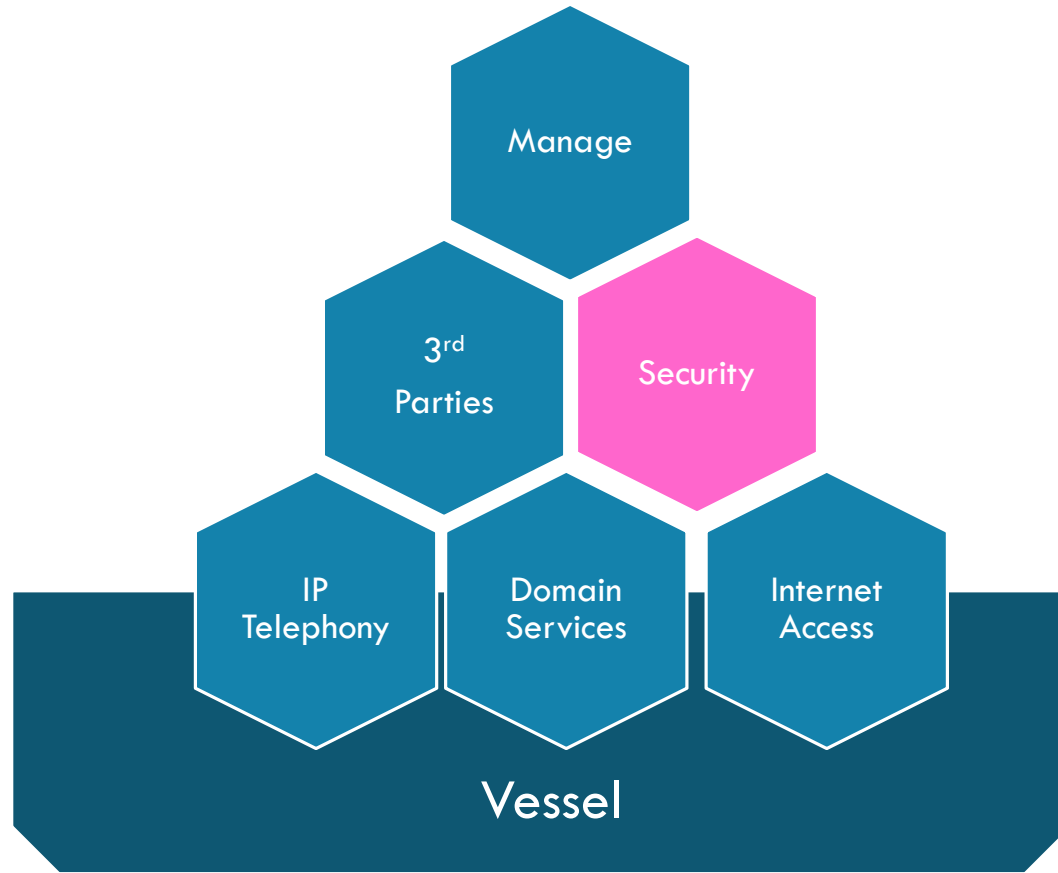
- Snowflake approach
- Resistance against change
- Third-party systems integration
- Lack of proper IT documentation
- REALLY high costs for comms (partly due to improper control)

# MANIFESTATIONS OF THE PROBLEM
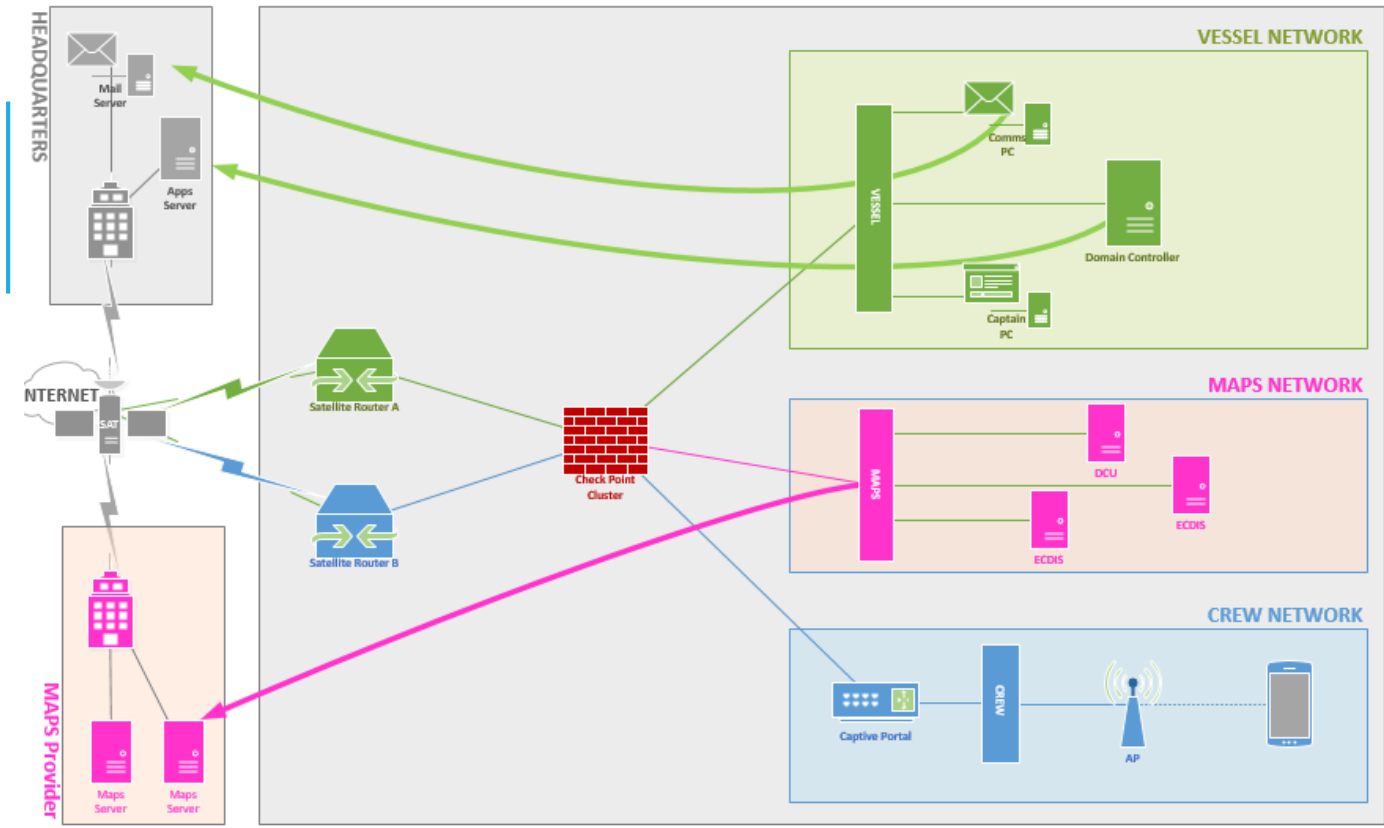
# CORE OF THE PROBLEM

## Branch site

CORE OF THE PROBLEM

**Vessels** rapidly transform to proper **branch sites** and need to be treated as such.

# ASPECTS OF THE SOLUTION

- Provide security & control
- Do not over-complicate management
- Create a flexible framework for expanding
- Make everything redundant
- Be able to support under any circumstances
- Respect the special nature of the environment

**Check Point**
**Multi-layered**
**Threat Prevention**

- Multi-layer security
- Enhanced visibility
- Hub & spoke architecture
- Flexible deployment

# CHECK POINT FOR THE WIN
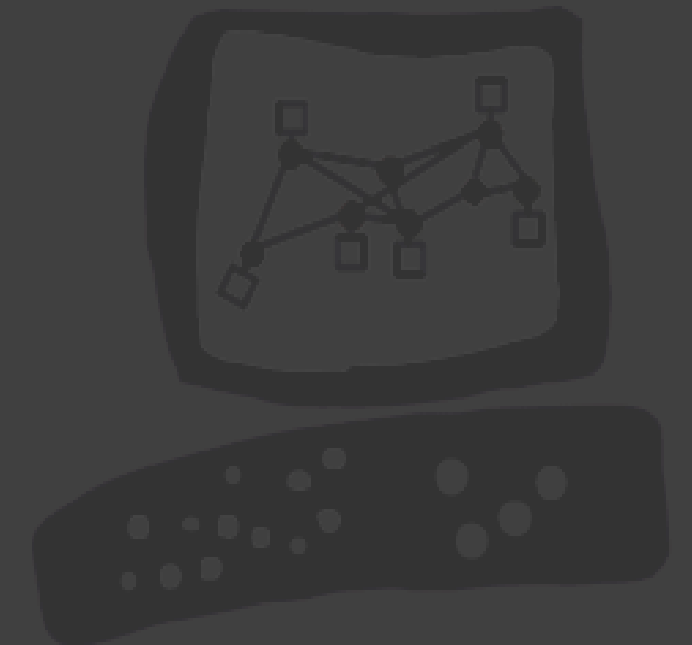
# INTTRUST WITH CHECK POINT

## implemented

- firewalling
- application control
- URL filtering
- QoS
- IPS

## scheduled

- antivirus
- data loss prevention
- identity awareness
- hub & spoke architecture

**VESSELS**

A MANAGEMENT NIGHTMARE

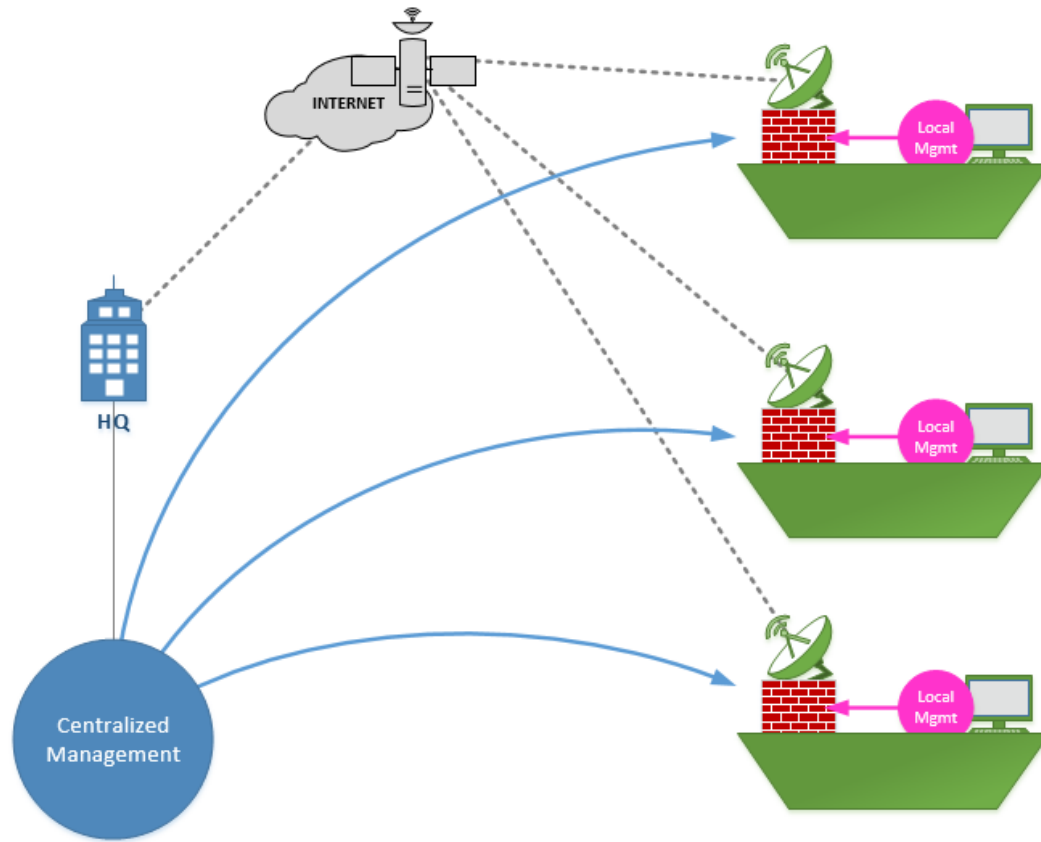**local management** is **mandatory** so it works in case of connectivity loss

**centralized management** is an **integral part** of our homogenous approach
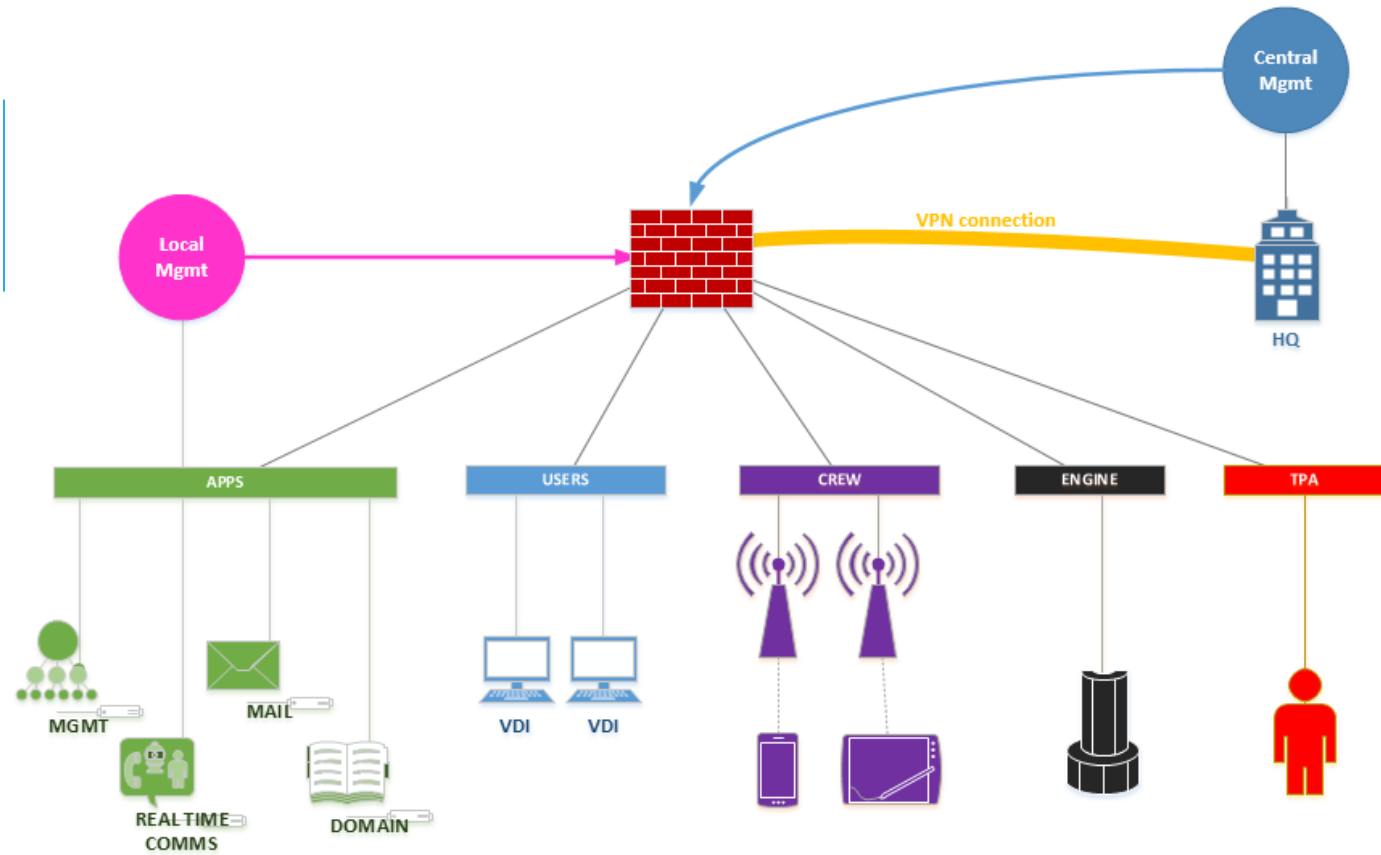
# INTTRUST
## SPECIAL SAUCE

Given the special nature of a vessel, we wrap Check Point management with our own **special sauce** in order to be able to control it in a **centralized** fashion while retaining **local** administration.

**local management** is performed via **Smart Dashboard** run on vessel's management station

**centralized management** is a custom web-based **InTTrust solution**: it runs via SSH & CPMI without the need to download large databases over slow and expensive satellite links

# INTTRUST
# SPECIAL SAUCE

- **MINDSET**: change it
- **PACKAGE**: all-in-one
- **MAINTENANCE**: virtualize
- **MANAGEMENT**: easy but capable
- **REGULATION**: marine approved!

# INTTRUST
## OUR APPROACH

Throughout the years, InTTrust has evolved following its customers strategies, delivering solutions that fit and delivering value and agility.

# INTTRUST
## INFORMATION, TECHNOLOGY, TRUST

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## INFORMATION, TECHNOLOGY, TRUST

**InTTrust**
Information Technology Trust

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We adapt to globalization and adopt the digital reinvention.