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TELEMETRY & NMS



Made In Italy

CMDBuild®



TECNOTECA

use in the broadcast operations

Agenda

- **Introduction of the speaker**
- **ANT Group & the NetPod NMS**
- **Why CMDBuild**
- **Integration between CMDBuild & NetPod NMS**
- **Use Case: Radio Viva FM instance**

Introduction of the Speaker

- **Massimiliano Malonni**
 - 2016 Project Manager
 - 2006 Support Manager
- Involved also in
 - Research and Development processes
 - Business Development
 - Tech support to Sales

Company Profile

Company Profile

ANT Group's history in few points

1979

Startup of a local TV station under the name **Antenna Nord Vallesabbia**

1990

It becomes **Antenna Nord Telecomunicazioni** which provides Broadcasting services and monitoring solutions

2006

The monitoring solution integrates **NMP protocol** fully to become a **NMS 100%**

2016

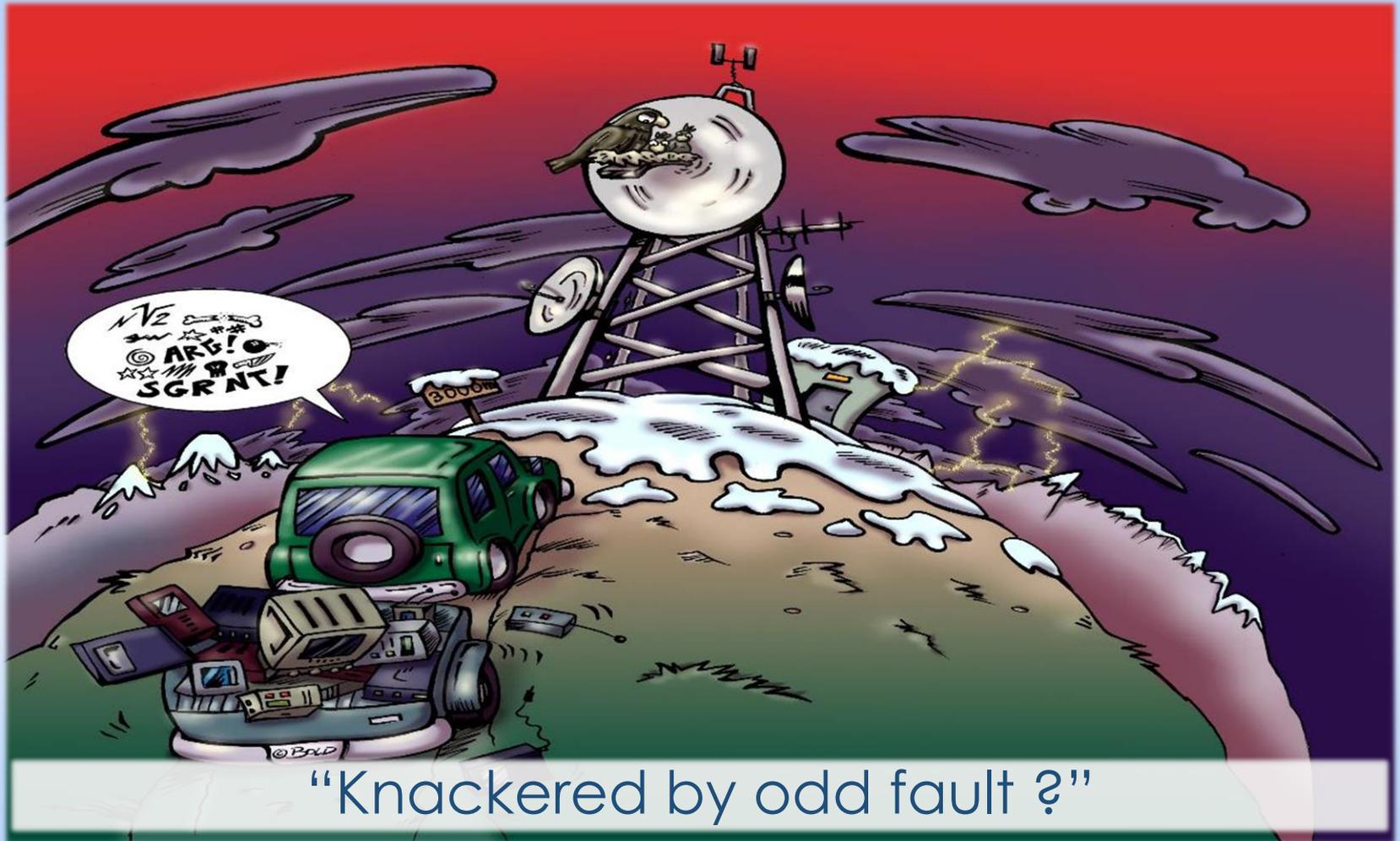
Integration with **CMDBuild** by **Tecnoteca** leads the NMS system to OSS



Company Profile

- Market
 - Broadcast
- Solution
 - Design monitoring networks for broadcasters
- Product Portfolio
 - Hardware manufacturer: probes, devices for environment, broadcast equipment, qos
 - Software suite: NMS, Network Management System dedicated to the broadcast
- Customers
 - Radio and TV stations
 - > 150 networks worldwide





“Knackered by odd fault ?”



“Relax, with ANT Group’s solutions!”

Why CMDBuild

Why CMDBuild

- Manage Service Catalog
- Manage Configuration Items
- Manage Workflows
 - Incident Management
 - Change Management
 - Asset Management
- Flexible and easy to use
 - to apply on different organizations from small to large
- Best Practice ITIL
- API / Connectors
 - ERP: SAP
 - Connect it with our NetPOD NMS

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OSS

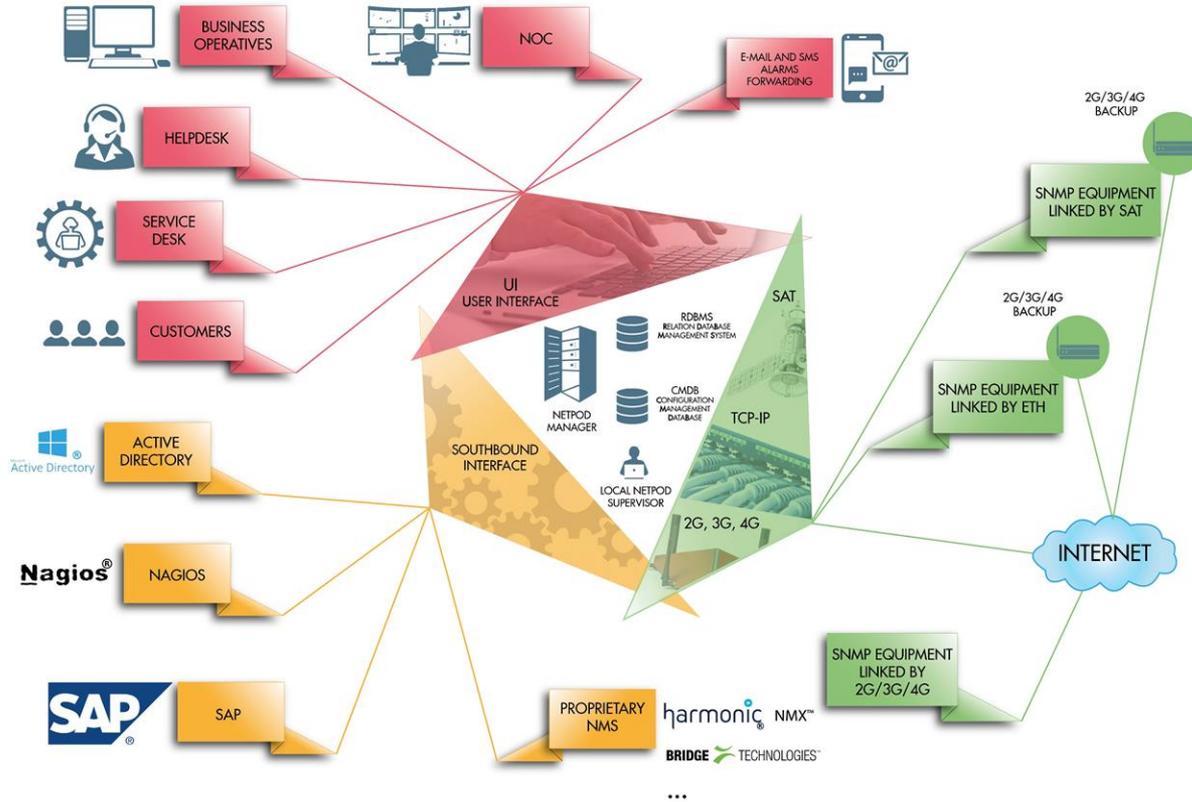
LAST BUT NOT LEAST

- Robust Partner =

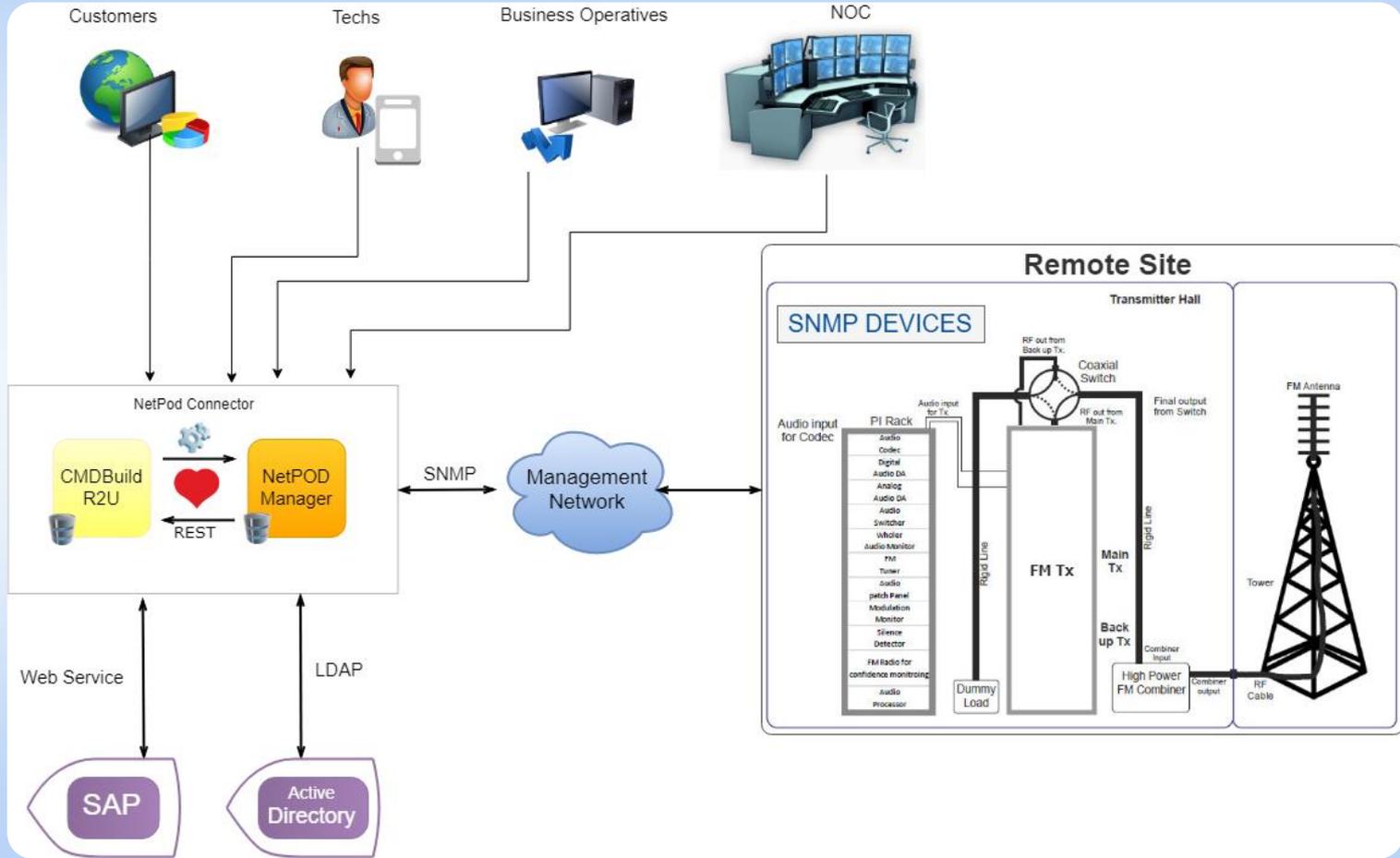


Integration between CMDBuild & NetPod NMS

System Architecture



CMDBuild & NetPOD NMS



RadioViva FM Network



Radio Viva FM Network

- Northern Italy Radio Station
 - It covers 5 different Italian regions
- daily average listeners >150K
- Split in 9 Areas
 - ReteA, ReteA1, ReteA2, ReteB, ReteC, ReteD, ReteE, ReteF, ReteG
 - Spots runs differently on these areas
- Approximately 90 transmission sites to manage
- >3000 measures monitored in real-time
- 5 Operation Centers



Radio Viva FM Network

