



## Wireless Instrumentation and Control-Related Communication

- What is the industry waiting for ? -

Berry Mulder – Shell Global Solutions Int. BV

WIB – Seminar  
The Hague – 23-04-2008

### Contents

- Available today / soon
- What are we waiting for ?
- Challenges (SPIES)
- What's happening ?



## Available today / soon....

- Basic process sensors (P, dP, T, DI, etc)
- Cross discipline (vibration, corrosion, etc)
- Ex: Zone 1, 2 or none



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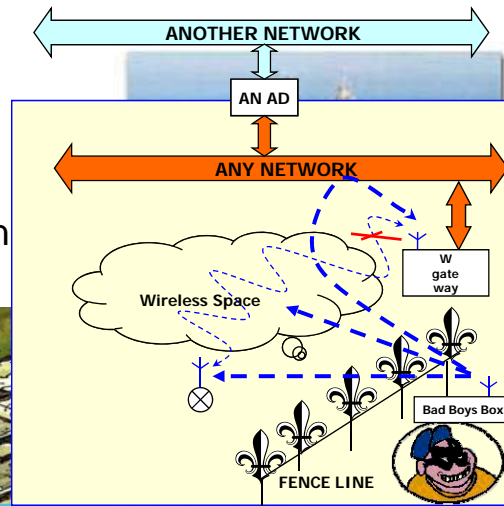
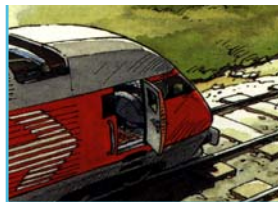
## What are we waiting for ?

- Limited vendor-choice → limited solution choice
- Proprietary → Not complying to any standard
  - Upgrade costs
    - System
    - Engineering effort
    - Business case driven
- Maturity
  - Products
  - Organisations

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## Challenges (SPIES)

- Security
- Power
- Interference
- (Process) Environ
- Standardisation



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## So, what's happening ?

- WiHart
- ISA100.11a
- → different purposes
- →→ Merge WiHart into ISA100.....
  - Ease of management
  - Simple infrastructure (one baseradio !)
  - Managed Coexistence / Interoperability

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**Thanks !!!!**

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