Water

Wouter Verburg MSc.
Water

- Discover why and how Evides Waterbedrijf has chosen AutoCAD Map 3D.

April 26, 2012
GIS World Conference
Water

Setting the scene

The genes of Evides Waterbedrijf

Problem statement & goal at hand

Fitting it in

The Autocad fit

Sooner and later

Making it work

Going live

Technological challenges

Tactics & success factors

Swat Team
The genes of Evides Waterbedrijf

- History
  - Patchwork communal companies

- Culture
  - Hierarchal
  - Average age > 50 years

GIS World Conference

- 1 million connections
- 2.5 million consumers
- 160 million m³/year
- 3.070 km transportation lines
- 9.616 km distribution lines

April 26, 2012
Problem statement & Goal

- Sense of urgency
  - Outdated components in application architecture.
  - Risk continuity Infrastructure management.

- Gap between ‘as is’ and ‘to be’
  - Home grown applications.
  - Standard applications.

outdated under the bodywork

built from standard components
Water

Fitting it in

Going live

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- Sooner and later
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- Technological challenges
- Tactics & success factors
- Swat Team
The AutoCAD fit

Relations & Assets

Microsoft Dynamics CRM

AutoCAD Map 3D

Design Revision

ESRI ArcGIS

Geographical view & Analysis

Operational network

Infor EAM

FLS Visitour

Advanced Mobile

Advanced Mobile

Work orders Findings

Optimal distribution Work orders

Construction blocks Materials & Tasks BOM calculation

FDO adapter
Sooner and Later

- Risk Based Asset Management.
- Conceptual Design is key in risk profiling.
- Concepts selection on risk reduction capacity.
- Carry forward of risk parameters.
- Future risk analysis.
- Lifecycle from 15 years to over 75 years.
Making it work

- Sharing the Vision.
- Sharing the Goal.
- Willingness to effectively solve issues.
- Thinking outside of the box.
- Trust.
Water

- Setting the scene
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  - Problem statement & goal at hand
- Fitting it in
  - The Autocad fit
  - Sooner and later
  - Making it work
- Going 4 live
  - Technological challenges
  - Tactics & success factors
  - Swat Team
Technological challenges

- 32 bit vs. 64 bit – installers.
- Integration services.
- Excellent support by Autodesk.
- Data restructuring > organisational challenges.
Tactics & Key success factors

- Share the vision & the goal.
- Clarify expectations – make professionals work together.
- People.
- Proof of Concept.
Swat Team

• Ron Verzijl (bc)
• Marcel Pennings (bc)
• Lieve Dedecker (bc)
• Bart de Lathouwer (pm)

• Erik Ouwerkerk (am)
• Vincent Vermeer (am)

3rd line Technical support
• Mr. Siva Koppula
• Development team California
• Development team Canada