

## **The New Soldier**

**Paper No:** 957

Defense and Intelligence

Integrating GIS with Other Technologies

A specific Industry or Application Area

It's all about information, this is also the case for modern warfare; the side that can collect and manage the data in real time will obtain the upper hand in nowadays conflicts.

With the presentation we build the picture of the "New Soldier", who is actually supported in his decisions with all the information concerning terrain, condition of roads and bridges, enemy strength and positions, and their influence on operations.

Data collection, retrieval and analyses from reconnaissance units up to the command center, with GIS applications and voice activation as main point and delivering the advantage needed to be successful.

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Bio:

Held various sales and managerial positions (CAD/CAM, IT - mainframe) DPI, ACO, BRICS and Metastore (IBM BP). He studied in Belgium and holds an architectural degree.

# VOICE INSIGHT®

Accessing Databases by means of  
**YOUR VOICE**

Speaker today : Eric Thijs  
VP sales & marketing and co investor

VOICE INTEGRATION TECHNOLOGIES

"What can I say?"

"You can say:  
- what can I say  
- zoom in or zoom out  
- pan up, right, left or down  
- fit map  
- refresh the dictionary  
- edit item  
- follow the hyperlink  
- activate the GPS  
- open the Data Collection Form  
- ..."

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Open Translations"

"I'm ready!"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"I do not speak your language"

"Jeg snakker ikke ditt språk"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

## Paper 957 - Defense: The New Soldier

### The key element : Information

1. Gathering
  1. In real time
  2. Accurate
2. Managing
  1. Access
  2. The right person
3. Decision
  1. Working conditions
  2. Data flow (quantity)

VOICE INTEGRATION TECHNOLOGIES

"Open Reconnaissance Form"

"I'm ready!"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"In Norwegian"

"Default Translation Language set to Norwegian"

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Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Do you understand this language?"

"Forstår du dette språket?"

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Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES



"Open State Report"

"I'm ready!"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Coordinates are given by current GPS position"

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Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Construction is Concrete Bridge"

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Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"State is damaged for 40 %"

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Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Send Information to Command Centre"

"Information was successfully send"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Close Window"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Open Enemy Detection"

"I'm ready!"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES

"Latitude is 29° 14' 15" North"

The New Soldier  
Reconnaissance Patrols

VOICE INTEGRATION TECHNOLOGIES



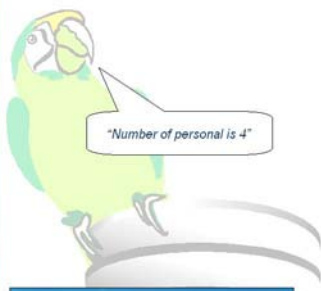
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Reconnaissance Patrols

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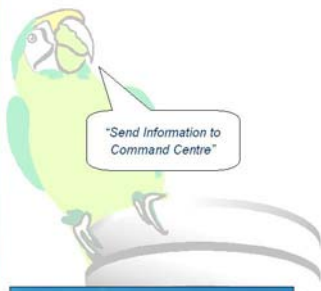
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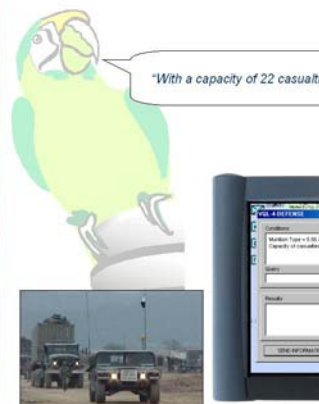
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VOICE INTEGRATION TECHNOLOGIES

"I'm ready!"

"Send Order to Logistic Unit LU 007"

"Information was successfully send"



The New Soldier  
Command Center

VOICE INTEGRATION TECHNOLOGIES

"With half-trucks as vehicles  
Calculate possible routes"



The New Soldier  
Logistic Unit

VOICE INTEGRATION TECHNOLOGIES

"With half-trucks as vehicles  
Calculate possible routes"

"I'm ready!"




The New Soldier  
Logistic Unit

VOICE INTEGRATION TECHNOLOGIES

"Patient is Eric Thijs"

"I'm ready!"




The New Soldier  
Medical Units

VOICE INTEGRATION TECHNOLOGIES

"Give me last temperature"

"This morning, the temperature was 39°C"




The New Soldier  
Medical Units

VOICE INTEGRATION TECHNOLOGIES

"Give me last blood pressure"

"Yesterday, the blood pressure was 140 mm of mercury"




The New Soldier  
Medical Units

VOICE INTEGRATION TECHNOLOGIES

"Give me last administered medication"

"At 10 o'clock, a beta-blocking was administered"



The New Soldier  
Medical Units

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**Voice Insight**

Thank you for your attention

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