Leverage the Use of Geospatial Information in Collaboration in C2 processes

Marc Kleemann

5th United Nations International UN-SPIDER Bonn Workshop

Bonn, DE – 25th April 2012

UNITED NATIONS
Office for Outer Space Affairs

logica
be brilliant together

Together we create solutions:
A result of real teamwork

Clients

Employees

Partners

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Some of our clients

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Our employees are where you are...

Logica Germany

... in a city near you

Employees: **2,061**

Presence: **12** cities

Logica Europe

... strongly rooted in Europe

Employees: **32,500**

Presence: **23** countries

Logica Worldwide

... doing business globally

Employees: **41,000**

Presence: **40** countries

Revenue (€): **4,325** million

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Our partners: not all good ideas have to necessarily come from us

Strategic partners

Microsoft GOLD CERTIFIED Partner

ORACLE CERTIFIED ADVANTAGE PARTNER

SAP Global Partner

Partners

A
Ab initio
Adobe
AFI
Akamai
alfabet
AuthentiDate
Autonomy

B
BMC Software
Borland
bpd
Business Objects

C
CA
Cisco
Cognos
Combionic
Compuware
CoreMedia
Cursor

D
Day

E
EMC
E-spirit
ESRI
Exasol

F
Fernbach
FileNet
Foxray
Froglogic

G
GEOCOM Informatik

H
Healy Hudson
HP
hybris
Hyland

I
iBanx
IBM
imbus
Informatica
Intel
Intershop
Interwise

J
Jaspersoft
JouleX

K
Kofax

M
Magnolia

N
Novell

O
OB10
Omada
Omikron
Open Text

Q
QlikTech
Quest

R
Red Hat

S
SAPERION
SAS
SKS
Software AG
SpringSource
Sybase

T
Talend
Teradata
TIBCO

U
UC4 Software

V
Viprocom
Vmware
VÖB Service

W
Webfair

X
xft

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We speak your language

Energy & Utilities

Transport,
Travel & Logistics

Financial Services

Manufacturing

Public Sector

Telecoms & Media

Pharmaceuticals
& Chemicals

Consumer
Packaged Goods

Large transport company: delivery process efficiency improved by more than 60 percent, lowering yearly costs by about 10 percent

A leading German energy provider: billing processing speed increased by 30 percent

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What we do for our clients

in Defence and GIS

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What our clients are telling us ...

I need to deliver economies and efficiencies, without affecting our ability to deliver operations.

I must be able to interoperate with other nations systems to support multinational operations.

I need to maximise the utility I obtain from my investment in CIS.

I need secure and assured information in my complex environment.

Military equipment is complex, takes a long time to procure. I need improved processes and use common industry standards to maximise the utility of the IT I buy.

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What we do for our defence clients

Defence Capability

Preparing for Operations

- Training systems
- Personnel systems

- Medical records management
- Information management services
- Electronic records management
- Satellite communication services
- Cyber systems

Executing Operations

- Information Systems
- C4ISTAR

- Command and Control
- Fire control systems
- Operational planning
- Spectrum management
- Electronic warfare
- Secure communication services

Managing Defence

- Business systems
- Outsourced services
- Shared services
- Cyber services

- Personnel vetting services
- Secure managed services
- Application hosting
- Business consulting
- HR IT services
- Finance and Payroll services
- Logistic management
- Environmental management services

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What we do for our defence clients using GIS

Defence GIS Capabilities

NATO

- **Core GIS:** Geo Data Infrastructure (consultancy - Bid Support, Independent Validation&Verification)
- **DHS/AMN Portal:** (System Delivery)
- Data Migration (consultancy)

MoD DE

- **FüInfoSys SK:** Command and Control (System Delivery)
- **VERIS:** Disarmament Planning & Reporting (System Delivery)
- **JASMIN:** (delivery in progress)

MoD UK

- **Pulling through Logica capability:** Utilities, transport, telecoms and public sector for defence benefit
- **Multiple classified projects** that exploit Logica's GIS and Space capabilities

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How to benefit from GIS+DHS

Combine structured and unstructured data using geospatial information

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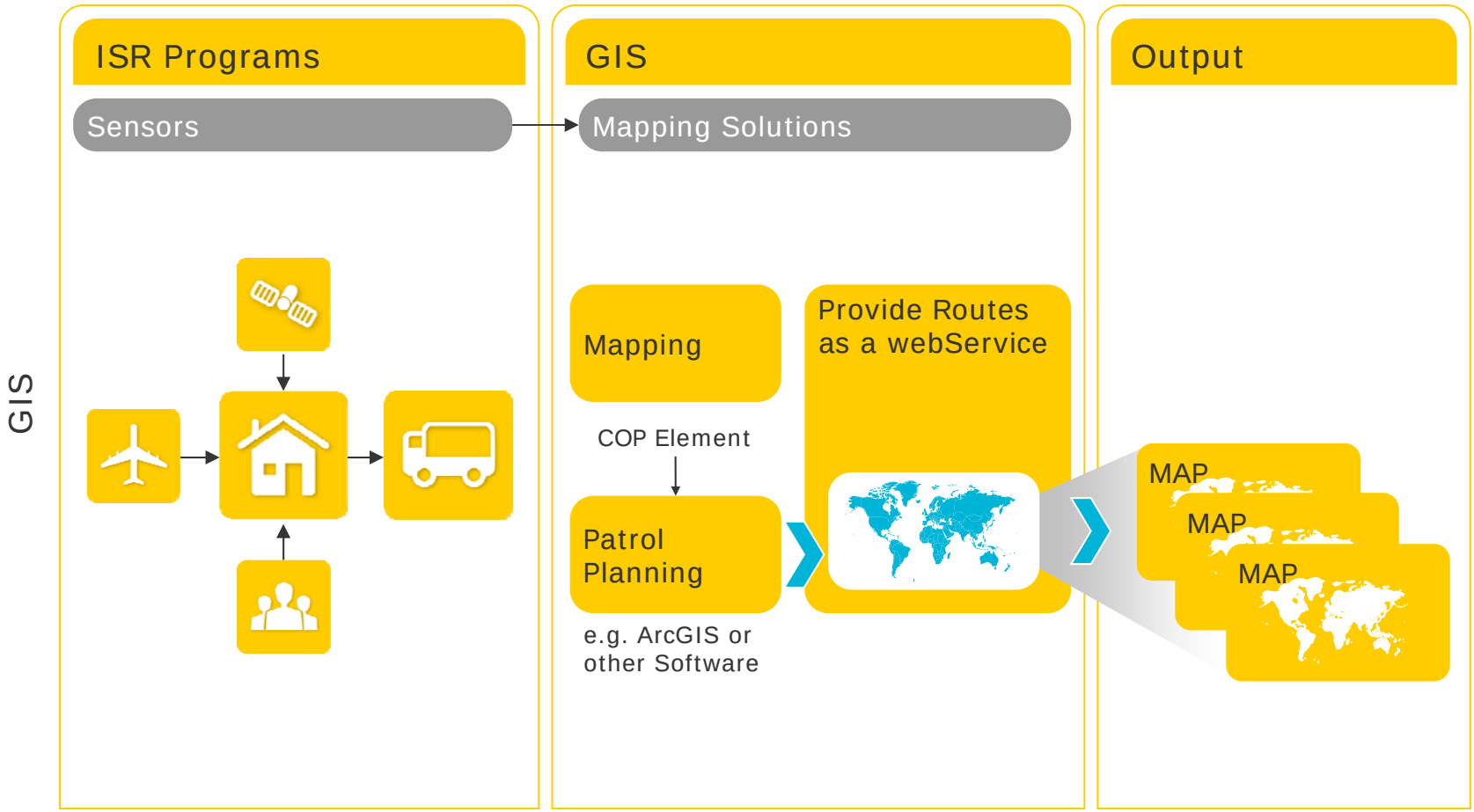
GIS today



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NATO Document Handling System

DHS shall **support via web browser**

- Individual user
- Workgroups and commands
- NATO as an Organisation

And the **entire electronic life cycle** of Documents

- Create (incl. approval)
- Publishing
- Storage
- Indexing
- Search/find
- MS Office integration
- Archiving

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NATO DHS & AMN Portal

- NATO DHS as Core Service for
  - 23 NATO Commands
  - Crisis Operational:
    - 2 HQs + 8 Regional Commands
      - DHS ISAF
      - AMN Enterprise Portal
    - NATO Special Forces Headquarters (NSHQ)
- NATO DHS and AMN portal as "central work environment"

NATO DHS & AMN EP provide
"need to share" and "share to win" approach

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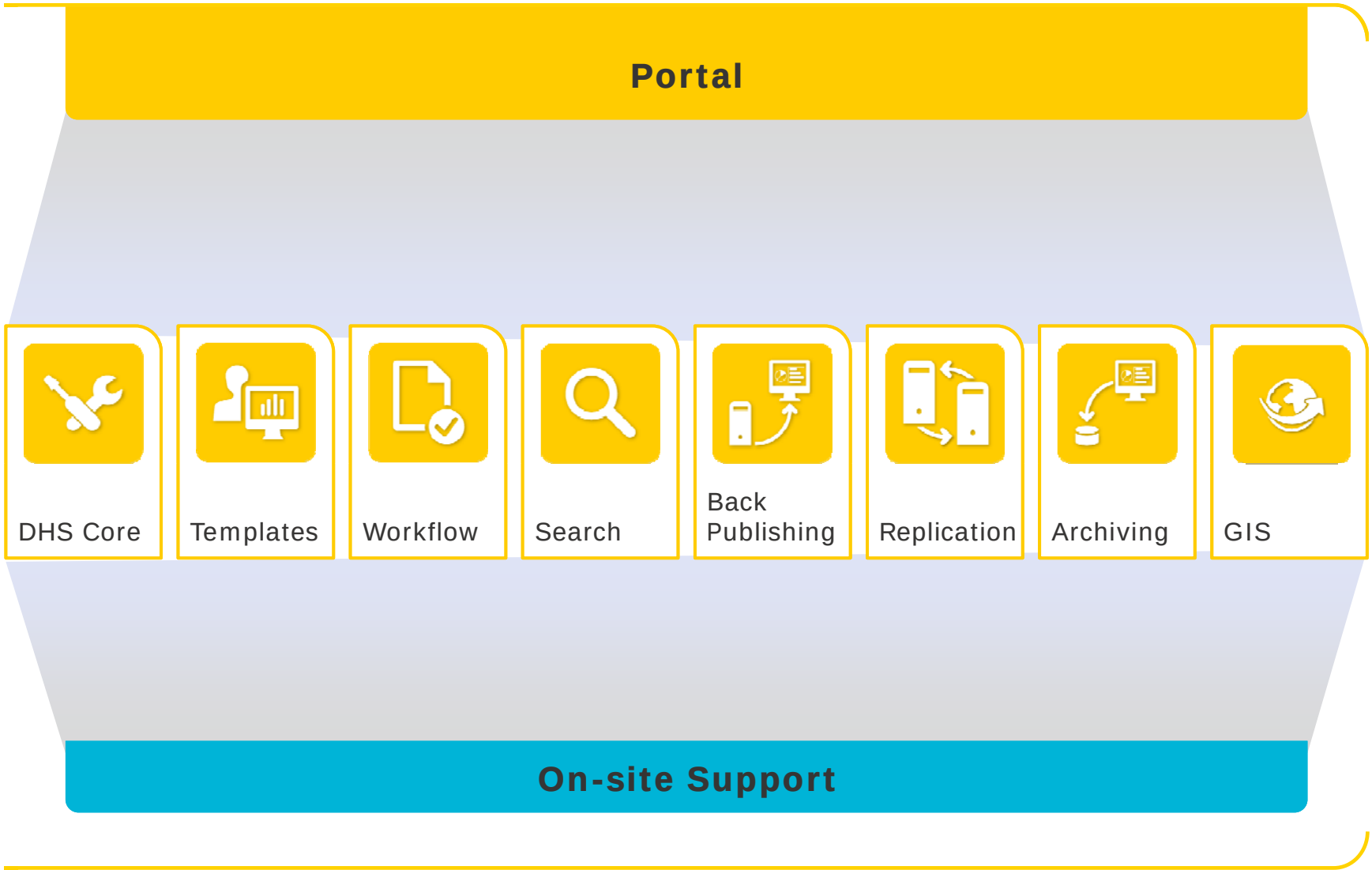
DHS & Portal Components



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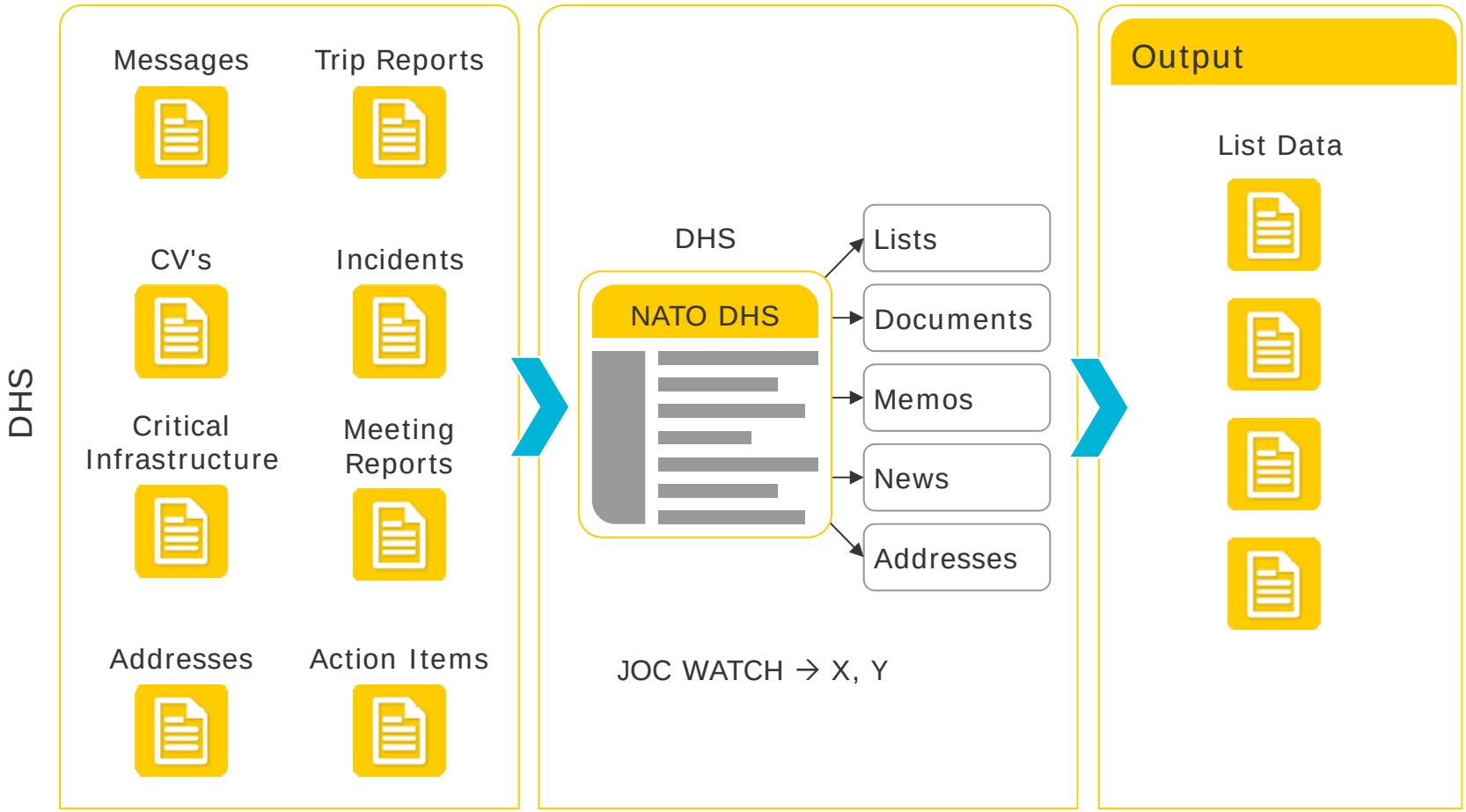
DHS today



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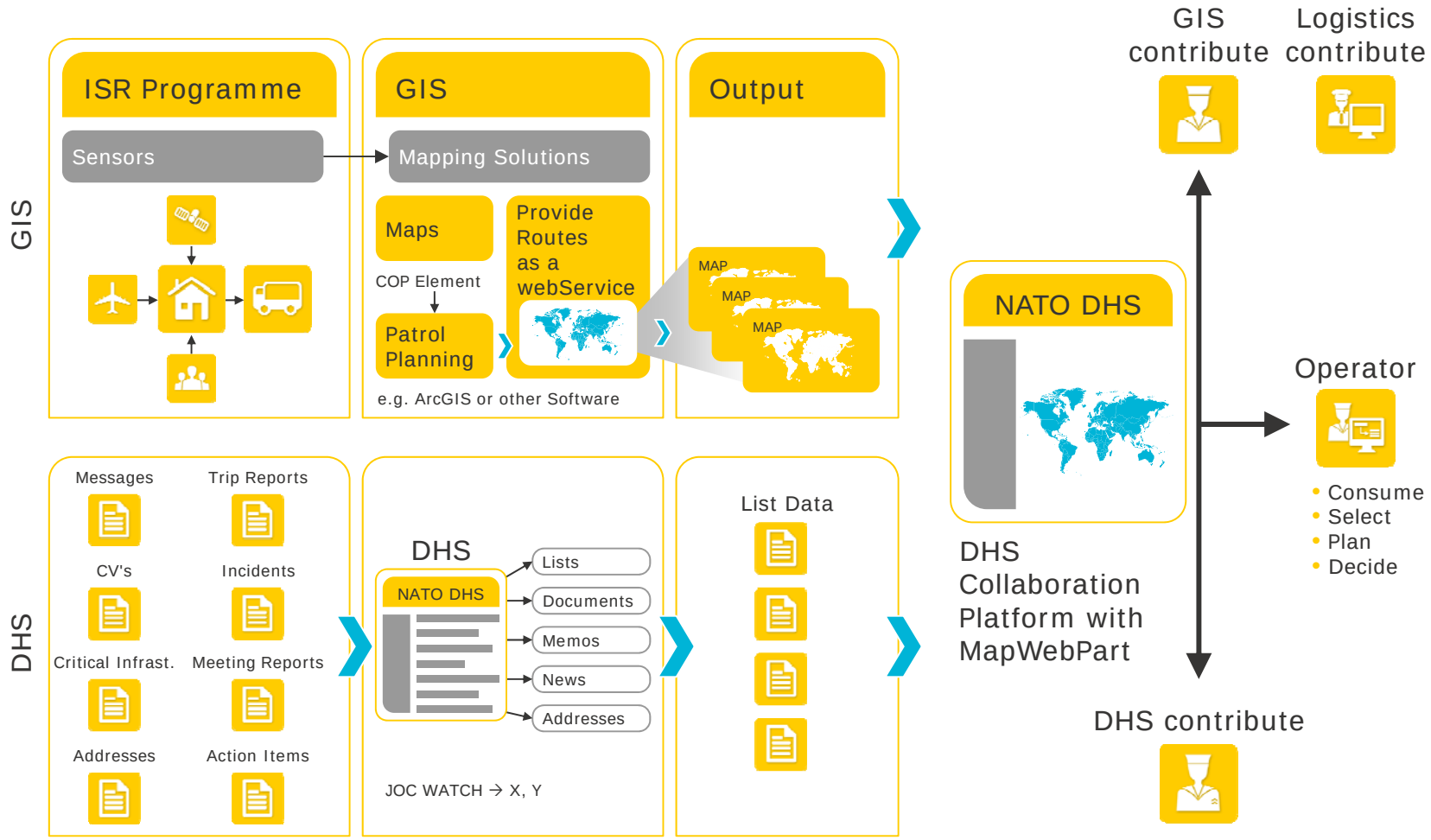
DHS & GIS Integration



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Smart up your daily business

using integrated GIS and DHS

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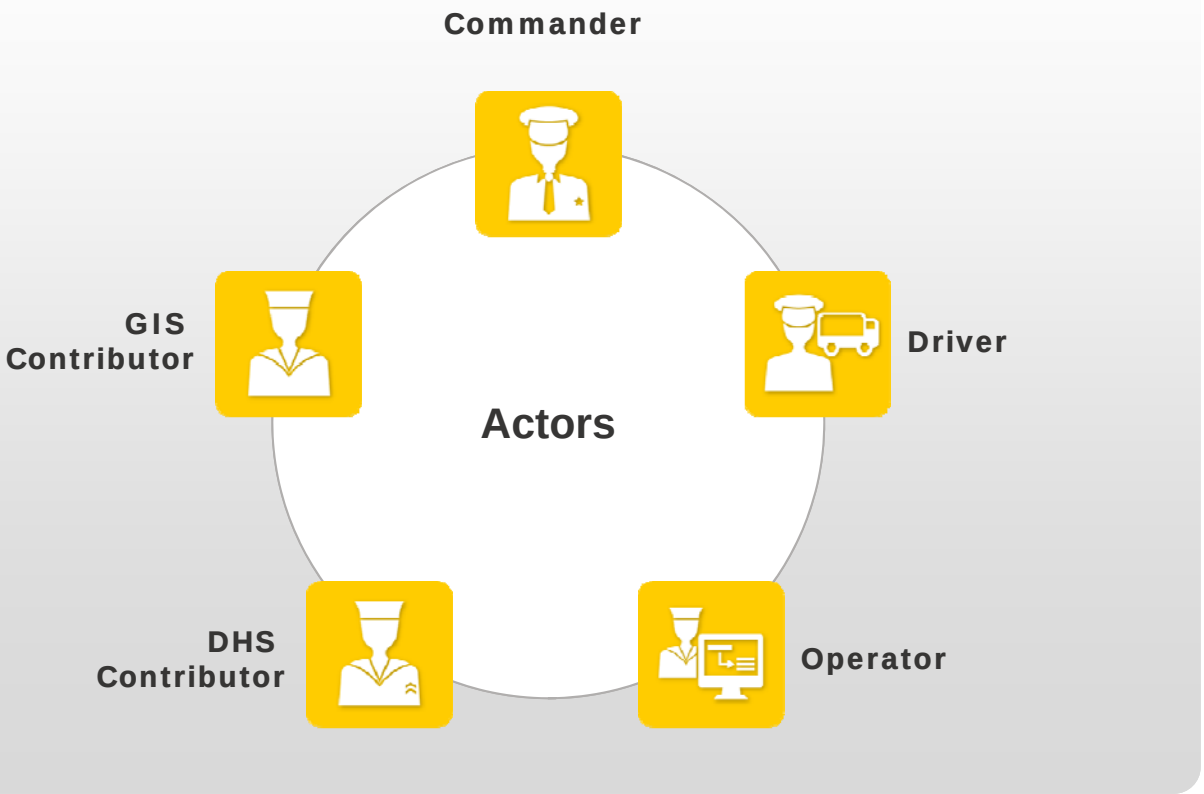
… a day in the Information Dissemination Centre

Task

Plan a trip for the Commander to meet with local representatives



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… a day in the Information Dissemination Centre

The GIS Contributor is providing georeferenced data like …

Infrastructure and logistic relevant information

Point of Interests

Situational data

Overview maps (as maps or map services)

Routes

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The Trip Planner (Operator) is …

Consuming & Analysing
- Routes/Maps prepared
- Past and future events
- Risks associated
- Need for customisation
- All information relevant to Commander
  - Reports of last visits
  - Agreements and concessions made
  - CV's of the meeting participants
  - etc.

Planning Alternatives & Taking Decisions

Selecting
- Search for relevant documents and infos with keywords and geospatial criteria

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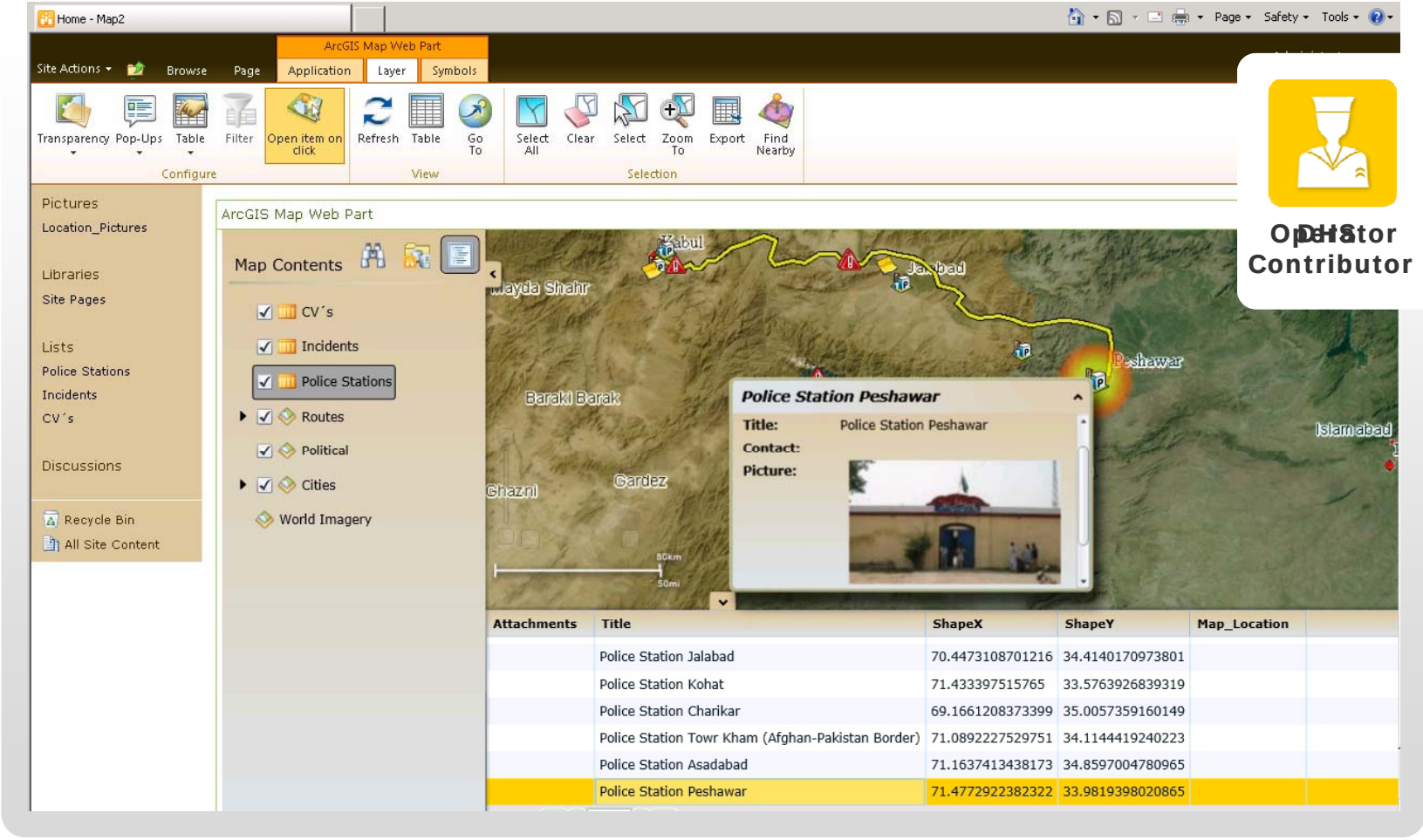

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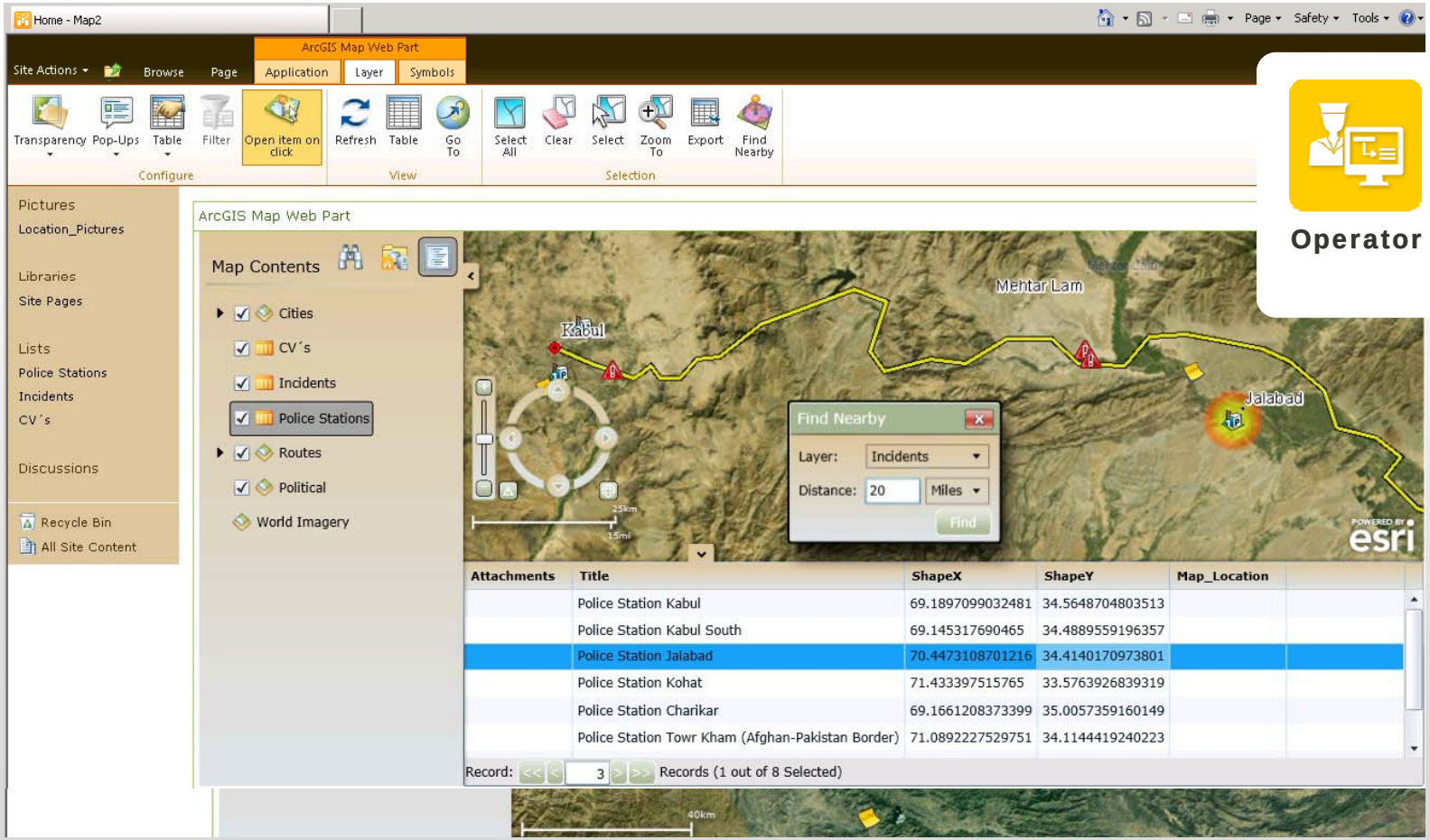

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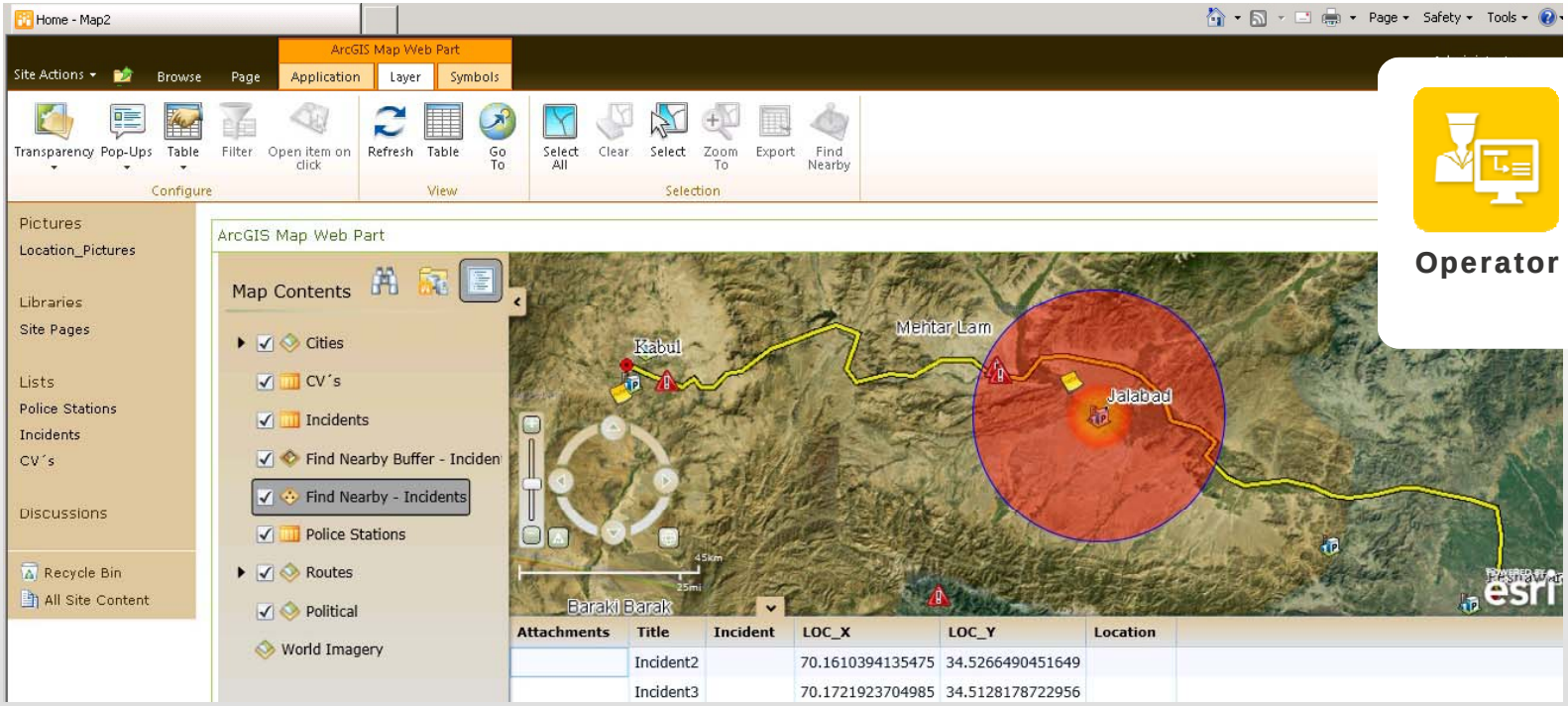

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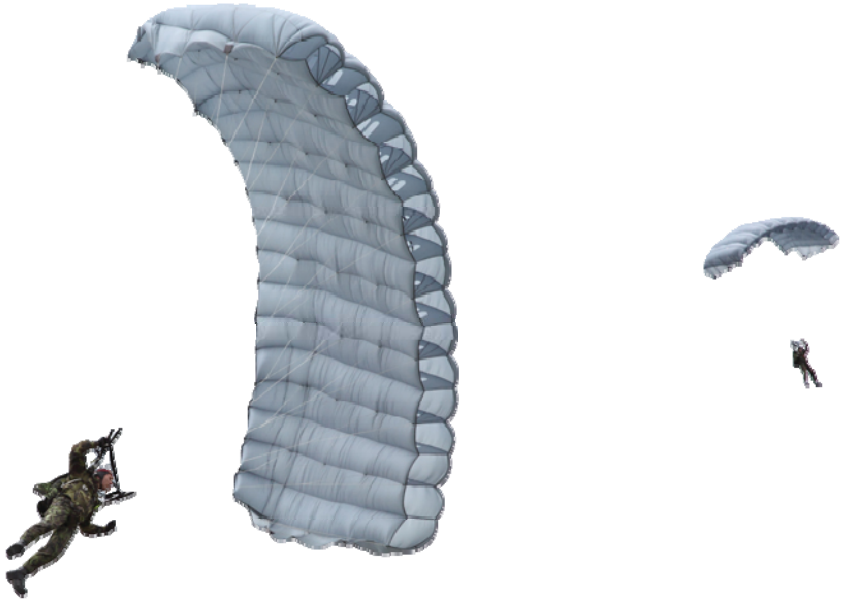
Summary

Successful Operations

enabling people to make efficient use of geospatial content and combine with structured data

Efficient Daily Business

Using SharePoint platform to bring easy-to-use GIS viewer capability to wide range of users



Knowledge is the Best Defence.

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Contact

Jens Elstermeier
NATO & International Defence Account Manager
Jens.Elstermeier@logica.com

Marc Kleemann
Unit Manager/Head of GIS Competence Centre DE
Marc.Kleemann@logica.com

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Questions

Thank you

Marc Kleemann

Logica Deutschland GmbH & Co. KG Visitor address Humperdinckstr. 1 53773 Hennef Germany www.logica.com
T: +49 (0) 2242 9229-0 F: +49 (0) 2242 9229-220 E: GeoIT.de@logica.com

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