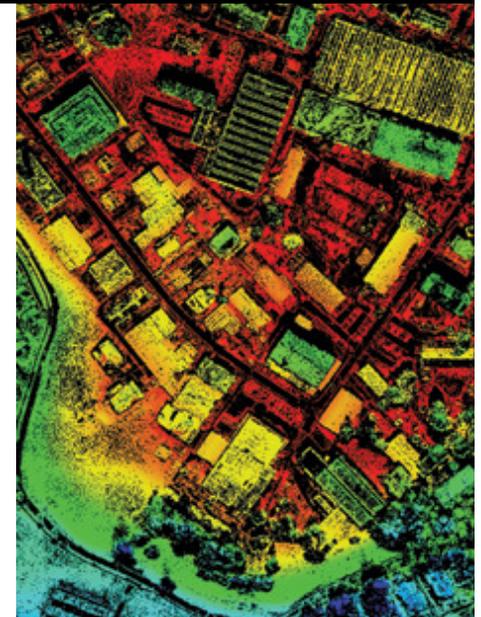
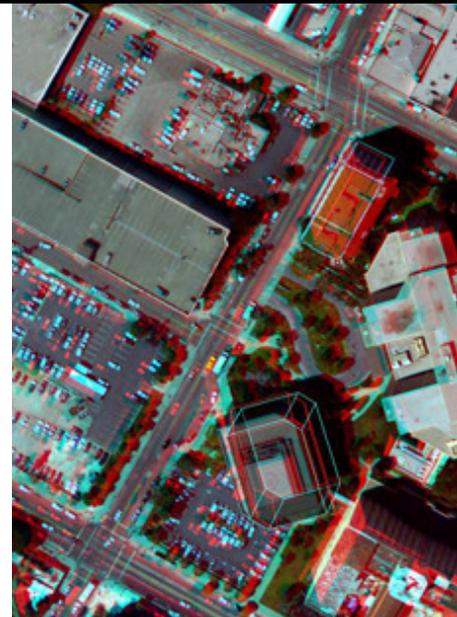
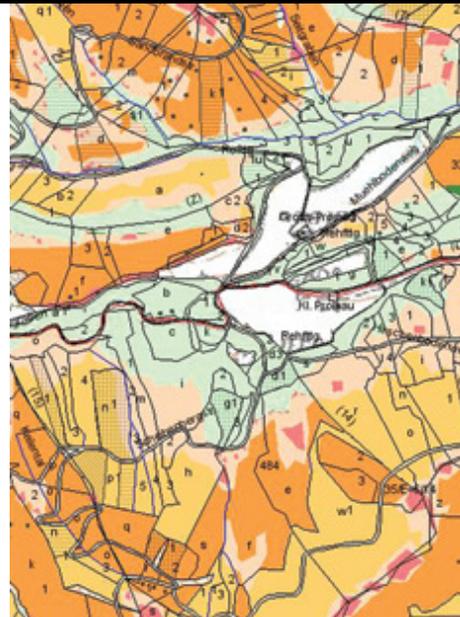
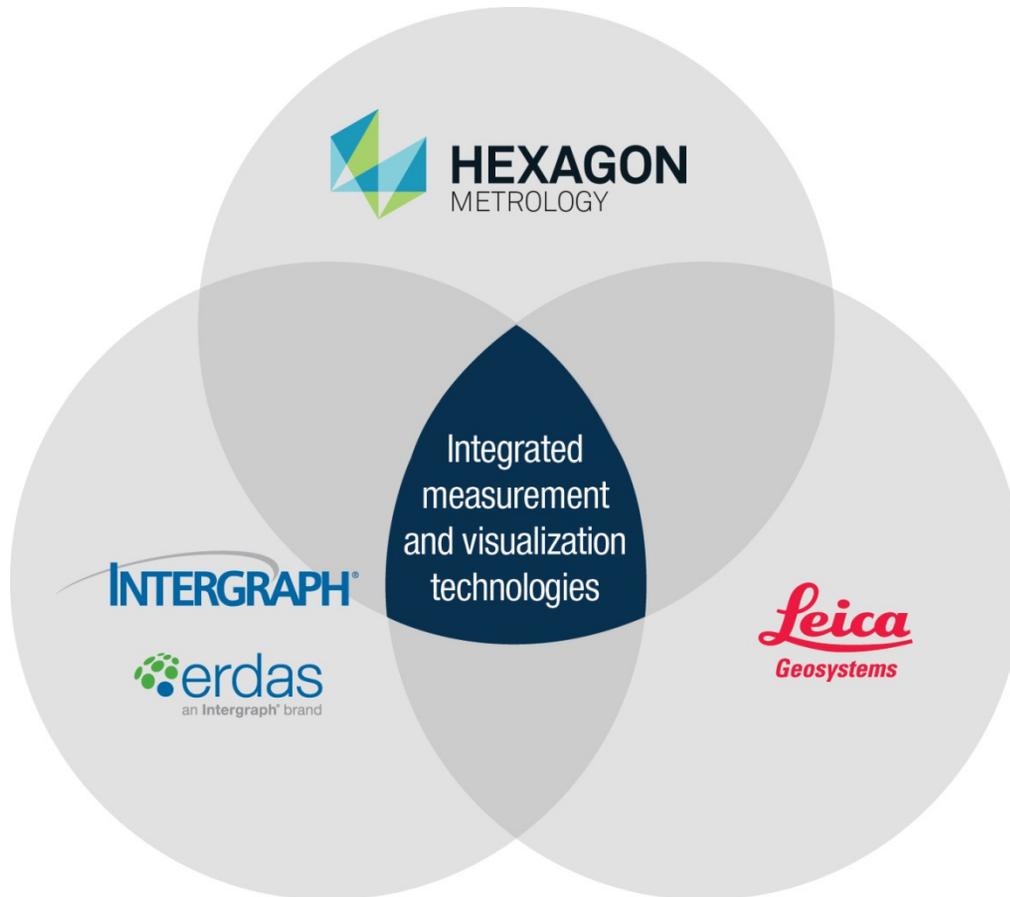


## Smarter GIS for South African Challenges

Adrian 'Hardcastle' Roos – Intergraph Systems Southern Africa  
Dean McCormick – Intergraph MEA



# Intergraph is Part of the Hexagon Family



Hexagon is dedicated to delivering actionable information through **design**, **measurement**, and **visualization** technologies.

# The Geospatial Ecosystem



## Field Mapping & Update



## Satellite Sensor Data



Geo-Portals

**GIS**

**Remote Sensing**

## Users & Consumers



## Intranet/Internet



Information Products

Web Services

Data

Data

Data

Data

**IT**



Server



Spatial Database

ORACLE

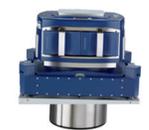
Microsoft

IBM

## Photogrammetry

**CAD Engineering Utilities**

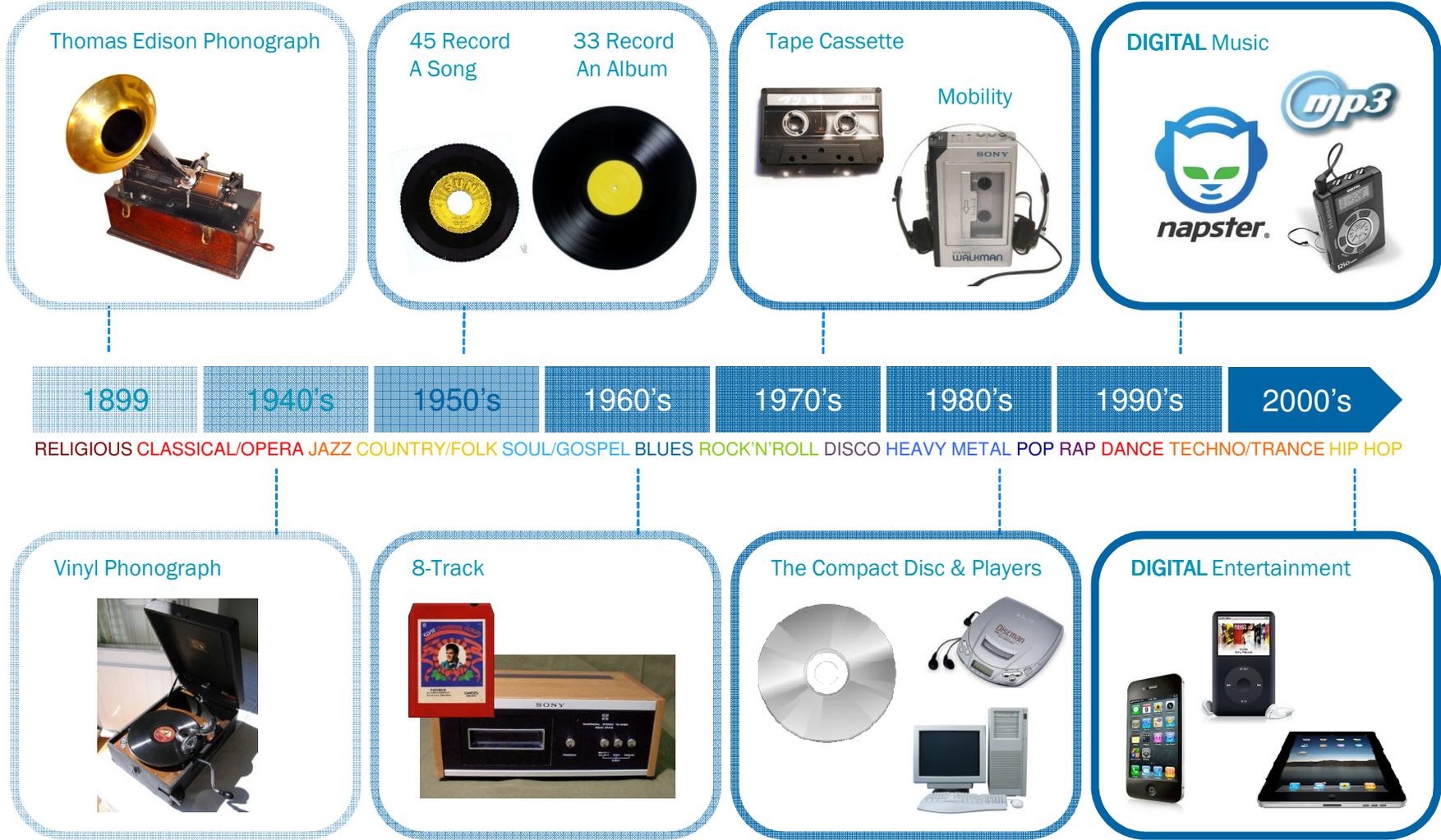
## Airborne Sensors



## Terrestrial Sensors



# MUSIC TIMELINE



# EMPOWERING THE MASSES WITH MUSIC



- **Fusion** of musical **genres** to blend styles, beats, themes and harmonies to make **music** relevant to a **global** and **new generation**

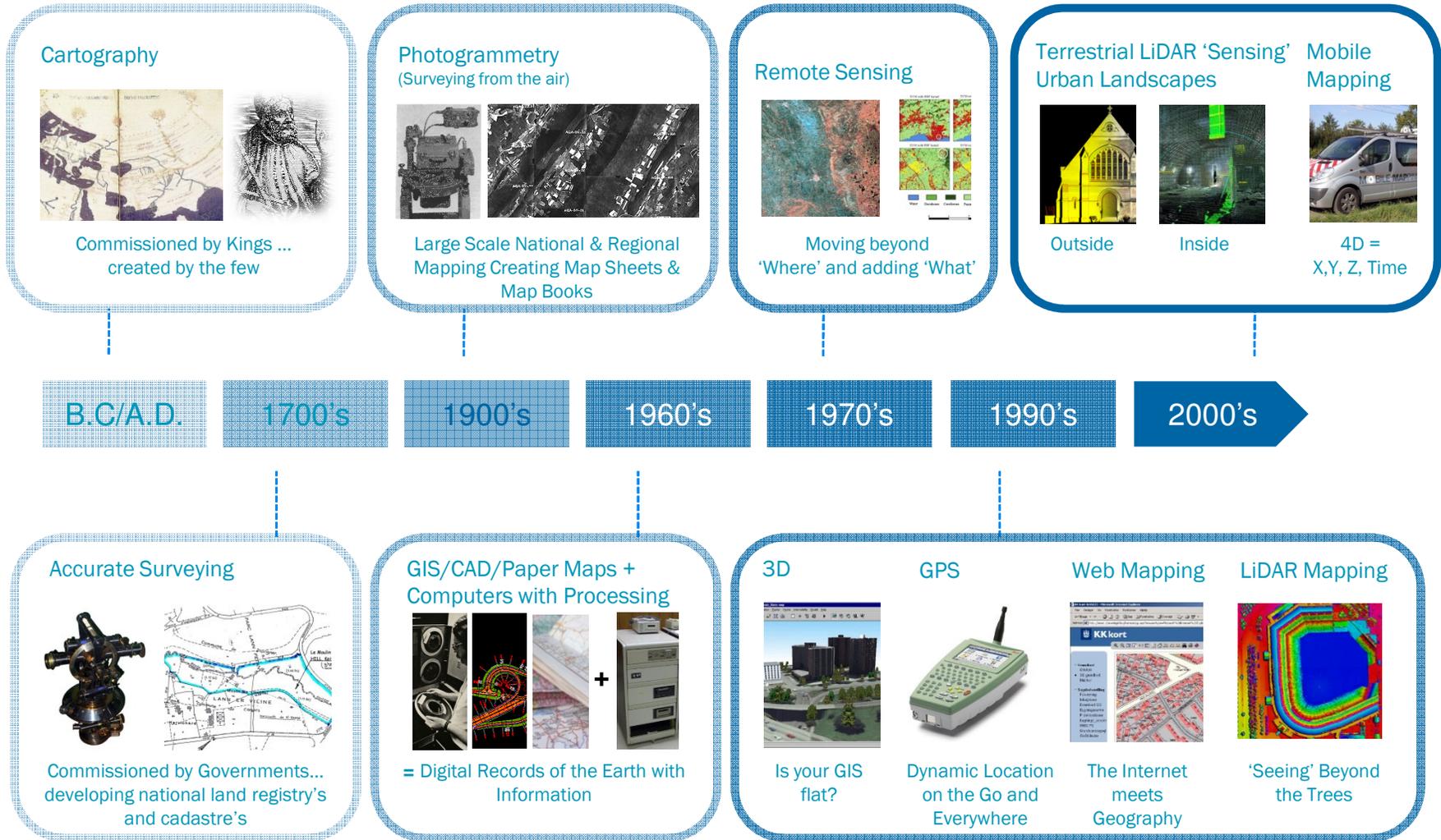
- Anyone can make music
- Anyone can sell music
- Anyone can buy music
- Anyone can share music
- Anyone can listen to music

... DIGITALLY!



Jazz  
Dance  
Blues  
Techno  
Soul  
Pop  
Country  
Opera  
Rap  
Heavy Metal  
Folk  
Religion  
Rock'n'Roll  
Disco  
Hip Hop  
Classical  
Gospel

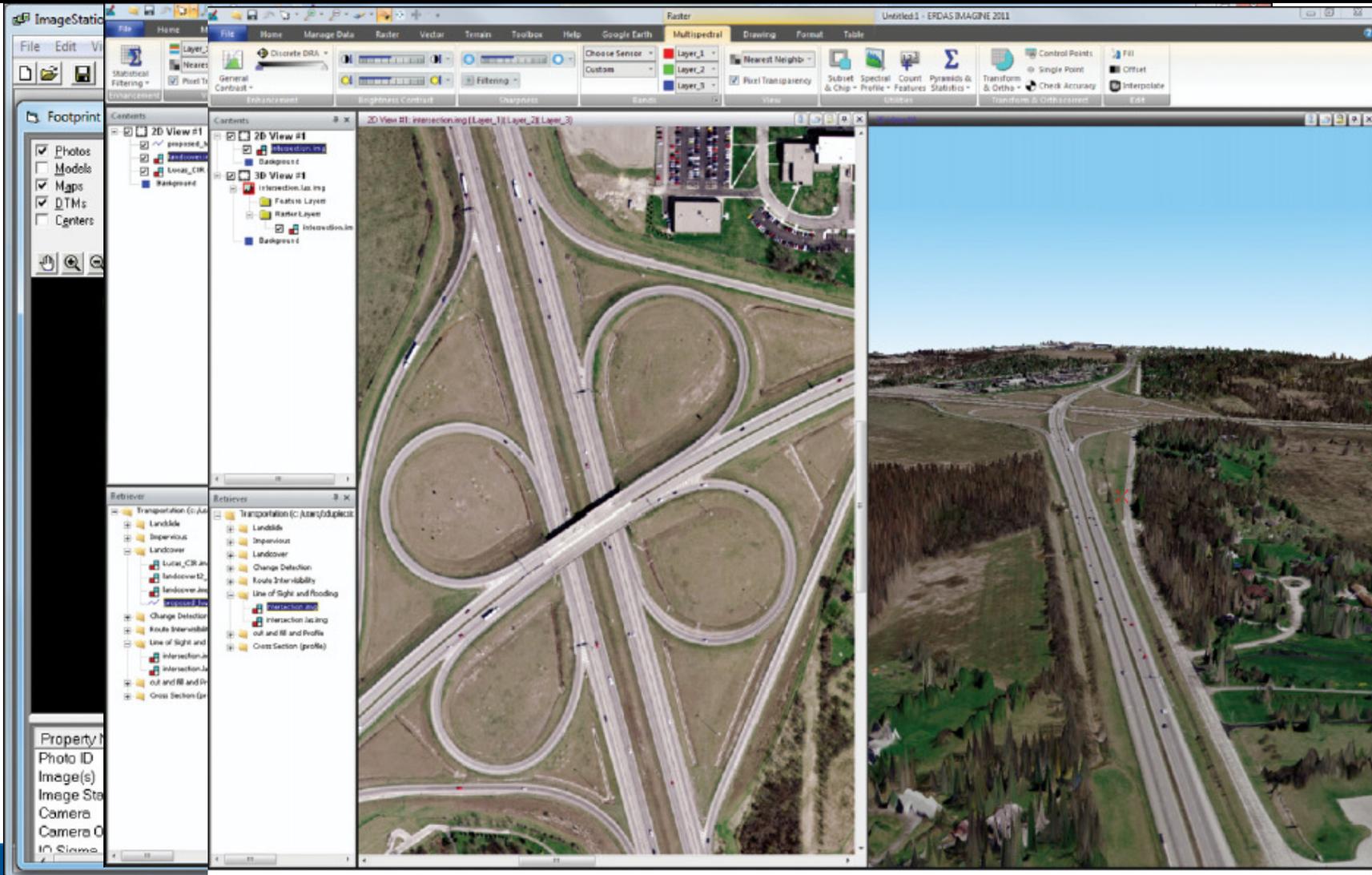
# GEOSPATIAL TIMELINE



We have all the  
**geospatial genres...** but are we  
empowering the world to make **new**  
**geospatial music** for a new  
generation?

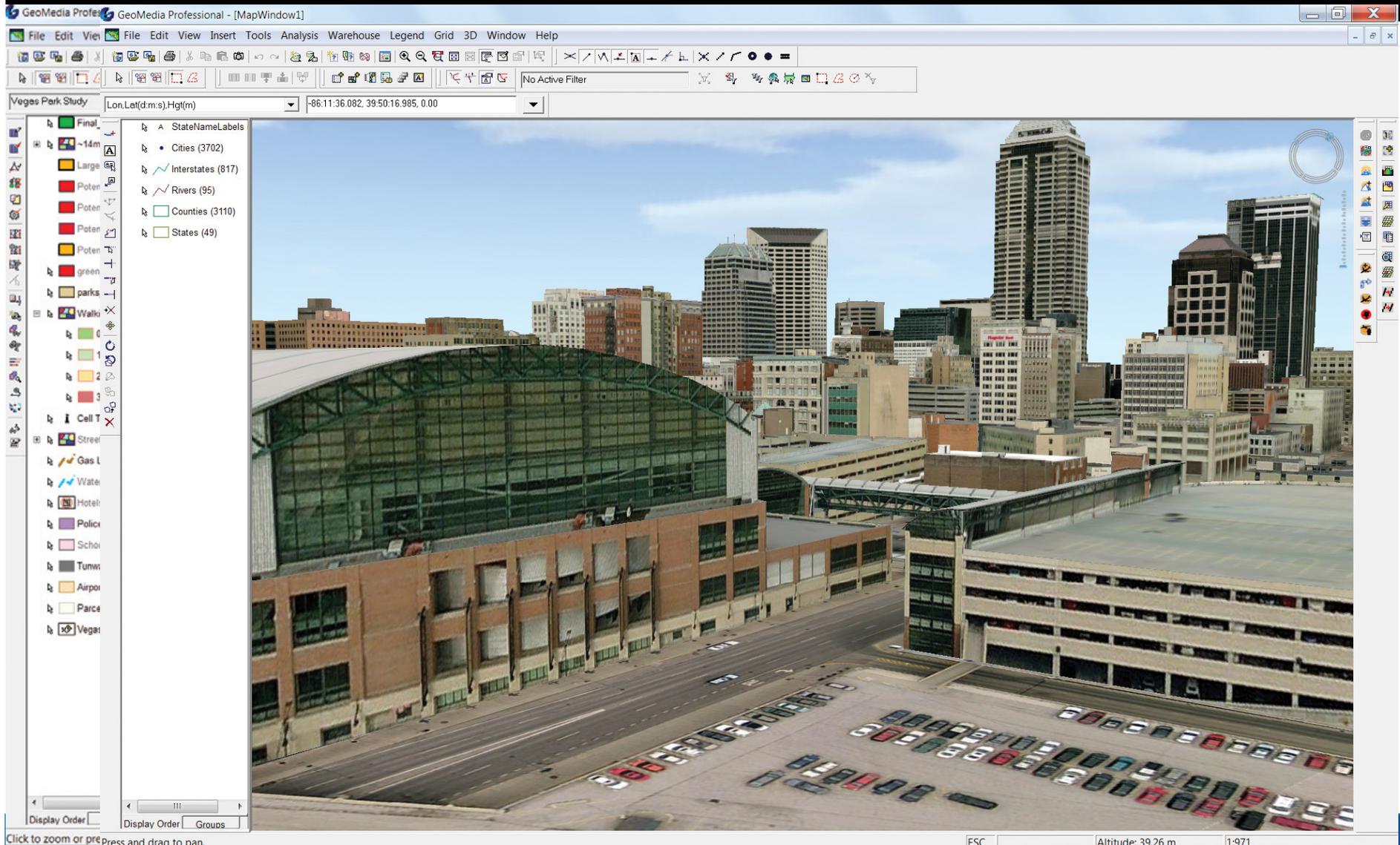
# Authoritative Image Exploitation

Ingest, visualize, manipulate, analyze, and extract intelligence from satellite and airborne imagery, terrain, and point data for image processing, photogrammetry and/or LiDAR workflows.



# Powerful GIS Data Production & Analysis

Generate and update vector layers, perform dynamic spatial analysis and reporting, and automatically update maps and manage data and map production.

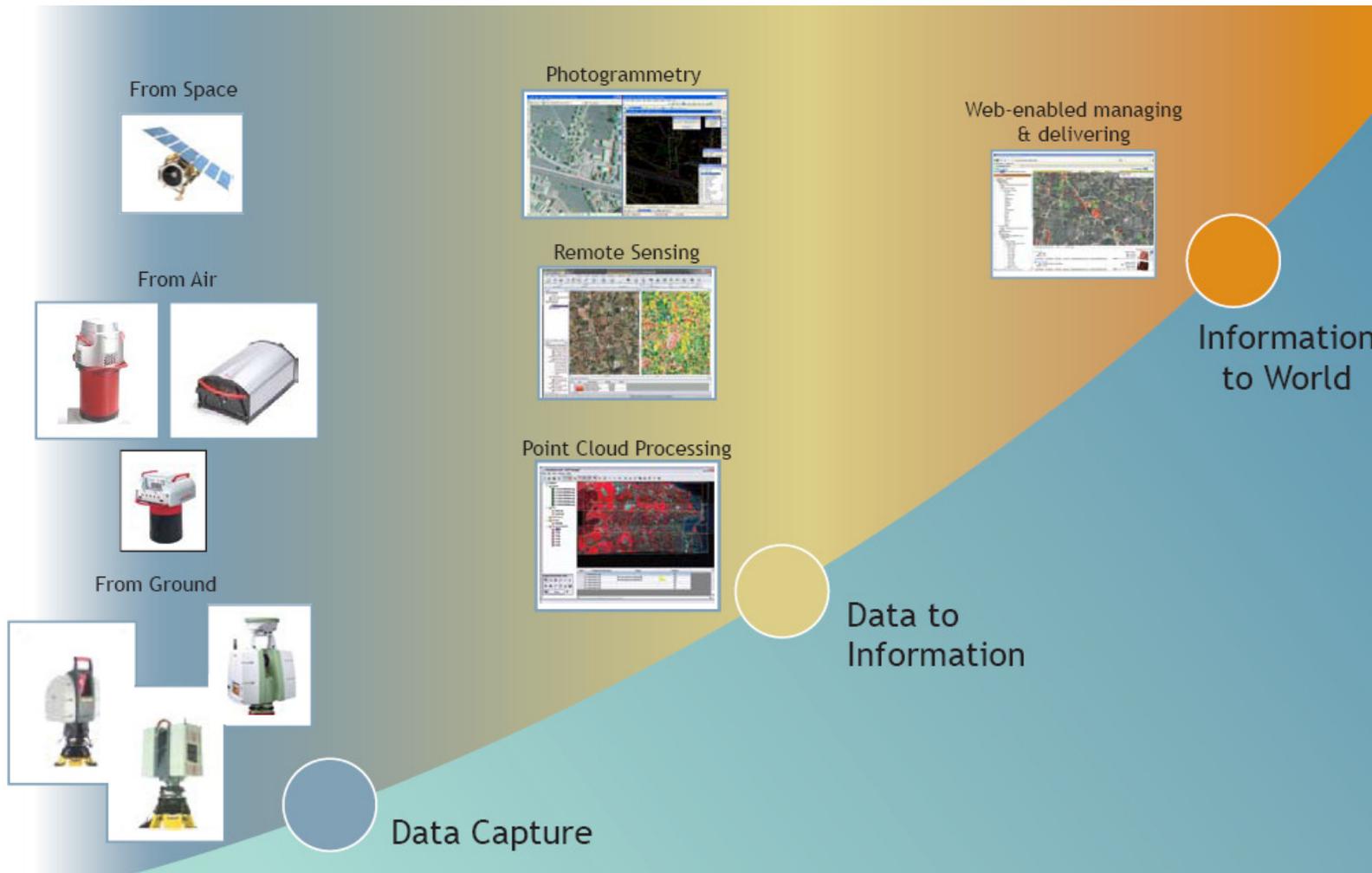


Click to zoom or press and drag to pan.

ESC | Altitude: 39.26 m | 1:971

What do you  
actually want?

# Geospatial Information Lifecycle



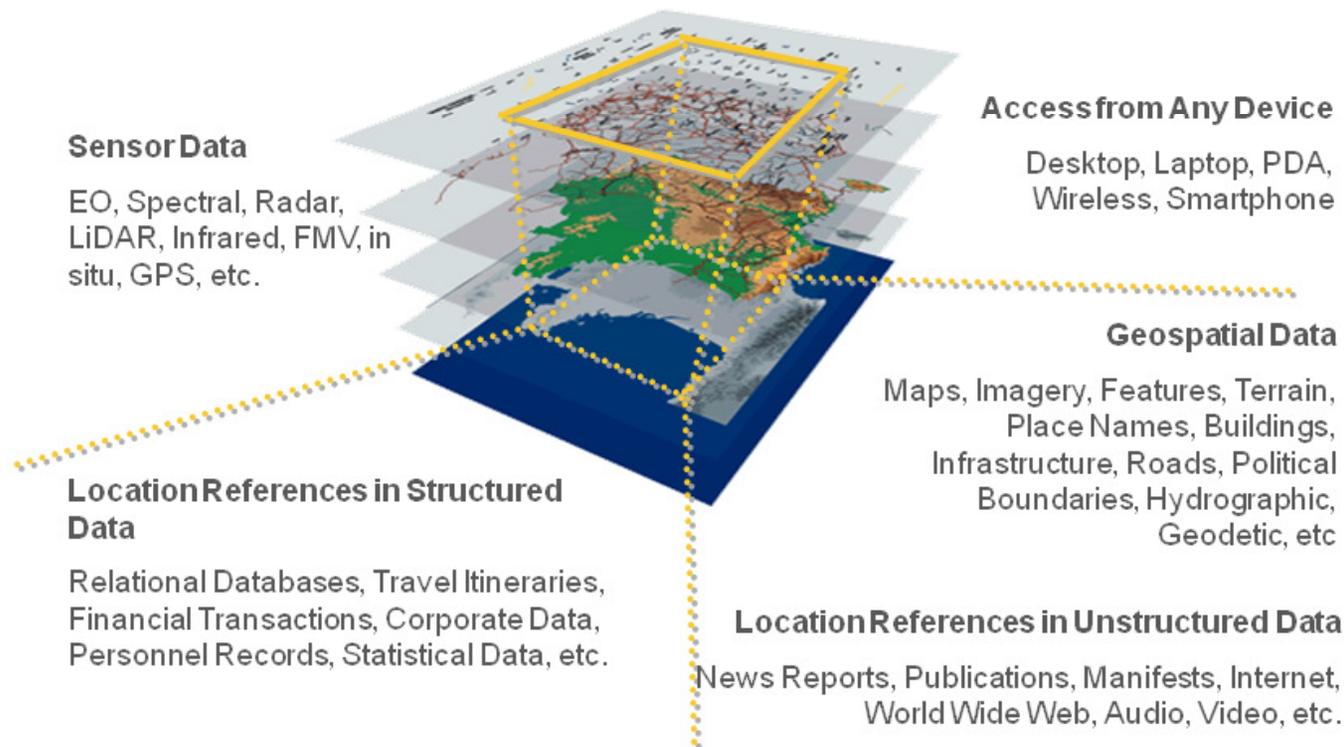
## Rapid Publishing

Create and publish data products and spatial models that can be accessed and executed by consumer users, on demand, from 2D and 3D clients.

## Robust Data Management & Delivery

Management of massive amounts of geospatial data, including discovery, describing, cataloging, analyzing, and delivery.

A user should be able to draw a *bounding box* on a map, declare a slice of time, and be able to discover and access all the *available, relevant & authorized information within that area*.

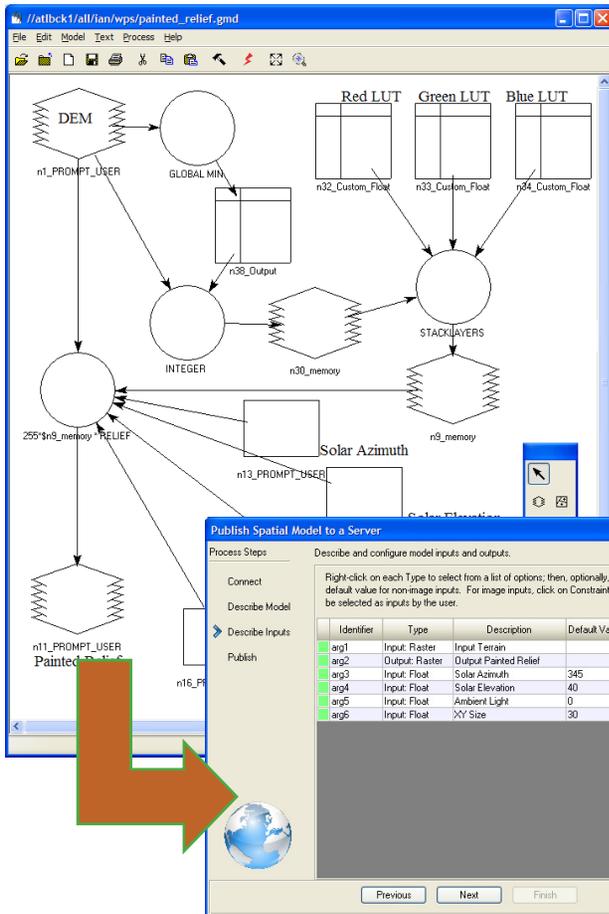


# Rapid Publishing

Create and publish data products and spatial models that can be accessed and executed by consumer users, on demand, from 2D and 3D clients.

# Robust Data Management & Delivery

Management of massive amounts of geospatial data, including discovery, describing, cataloging, analyzing, and delivery.



The screenshot shows the ERDAS APOLLO Client web interface. It features a map view with a 3D terrain model and a list of processes on the left. The 'Geo Processing' section is active, showing a list of processes including 'IMAGINE SMS.Modified\_HS\_Merge\_for\_KONOS' and 'IMAGINE SMS.Simple\_Shaded\_Relief\_Representation\_of\_a\_DEM'. A 'Publish' button is visible next to the 'Painted Relief' process.

# Dynamic Geoprocessing

Execute robust and complex on-the-fly geoprocessing (such as change detection, site analysis, or elevation change) through the OGC Web Processing Service (WPS) implementation.

The screenshot displays a web-based geographic information system (GIS) interface for dynamic geoprocessing. The central map shows a terrain model of a region including Inverlochy Castle, Torcastle, and Fort William. The map is overlaid with a terrain model and several processing parameters are visible, such as 'Height(m)(AGL) 3.0' and 'Range (m) 2000.0'. The interface includes a 'Models' panel on the left with buttons for 'Create Key Terrain', 'Create Intervisibility', 'Avalanche Analysis', 'Classification', 'Bathymetry', 'Contour', 'Elevation Change', and 'Erosion Vulnerability'. A 'Map Control' panel on the right offers options for 'Marker Position', 'Model Control', and 'Layer Control'. The map is powered by Google and includes a 'Map data ©2010 Tele Atlas - Terms of Use' notice. The browser's address bar shows 'Waiting for gg.google.com...'.

# Web-based Workflow Optimization

Utilize highly configurable workflows leveraging advanced geospatial functionality via intuitive, map-based tools.

The screenshot displays the GeoMedia SmartClient interface for Ohio DOT. The main window shows an aerial map with a pink polygon overlaid on a residential area. A tooltip for the selected segment provides the following data:

- Segment: 366.379 m
- Length: 979.855 m
- Area: 104,691.987 m<sup>2</sup>
- Angle: 45.98 °

The interface includes several toolbars and panels:

- Top Menu:** Dimensioning, FeatureInspector, Maintenance, Measure, Printing, Redline.
- Search Panel:** Search, Legend, Overview (Scale: M = 1: 14,136).
- Legend Panel:** Labels, Inventory (State Inventory), Highway System, Infrastructure (Interstate Shield Over, State Shield, Bridge, Barriers, Sign), Maintenance (Bridge Maintenance, Barrier Maintenance, Sign\_Maintenance, LPS Maintenance), Hydrography, Boundaries (City), Imagery, WorkingLevel per tool.
- Construction Aid Panel:** Tools for construction-related tasks.
- Status Bar:** NAD83(HARN) / Ohio South : M = 1 : 14,136 : 552,761.616 : 220,203.178

A tooltip at the bottom of the map reads: "Click in the map to place the vertices of the area".

An aerial photograph of a complex highway interchange with multiple lanes and overpasses. A large, semi-transparent blue circle is overlaid on the center of the image, containing white text. The background shows a mix of green trees, residential houses, and commercial buildings.

**How can you provide simple-to-use, cost-effective, and manageable geospatial workflows to non-GIS experts?**

Some challenges



**The Training Challenge**



**The Knowledge Management Challenge**

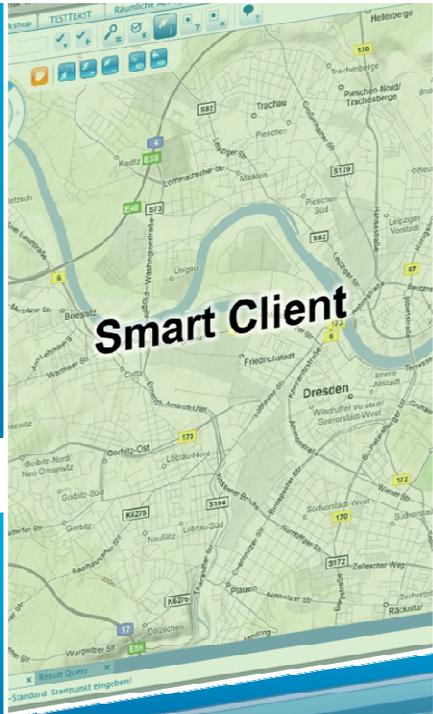


**The IT Challenge**

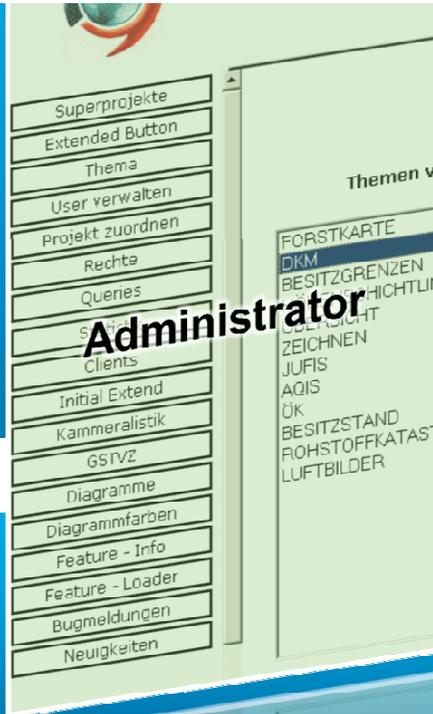


**The Security Challenge**

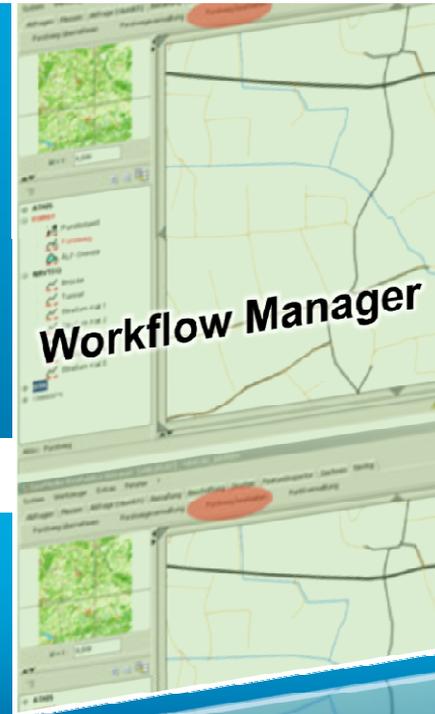
# GeoMedia Smart Client



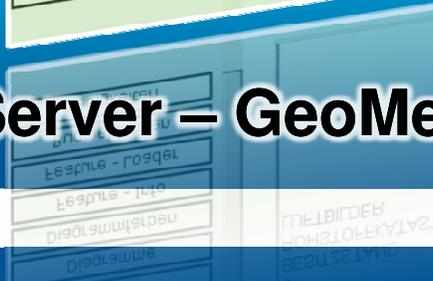
**Smart Client**



**Administrator**



**Workflow Manager**



**Geospatial Server – GeoMedia WebMap**



Portal

Administr...



→ ELS PORTAL

SECURITY

- User
- Roles/Claims
- Organisations

PORTAL

- Categories
- Groups/Links

MASTER DATA

- Operation Area Type
- Attachment Type
- Document Type
- Message Type
- Infrastructure Type
- Operation Type
- Participation Type
- Status Type
- Task Type
- Unit Type
- Unit SubType
- Einheiten-Pool
- Mindmap-Vorlagen
- Textbausteine

COCKPIT

- Views
- Actions

→ PR ADMINISTRATION → ORGANISATIONS

Filter: All

NAME	CATEGORY	GÜLTIG
→ Fire Brigade	ORGANIZATION	Ja

1 / 1

NEW

Start



EN



8:36 AM  
10/24/2012

INTERGRAPH PUBLIC SAFETY  
 Planning & Response 1.0.0.75  
 Status: 10/24/2012 8:40:45 AM User: PRAdmin

Portal Administr...

→ ELS PORTAL

- SECURITY
  - User
  - Roles/Claims
  - Organisations
- PORTAL
  - Categories
  - Groups/Links
- MASTER DATA
  - Operation Area Type
  - Attachment Type
  - Document Type
  - Message Type
  - Infrastructure Type
  - Operation Type
  - Participation Type
  - Status Type
  - Task Type
  - Unit Type
  - Unit SubType
  - Einheiten-Pool
  - Mindmap-Vorlagen
  - Textbausteine
- COCKPIT
  - Views
  - Actions

→ PR ADMINISTRATION → USER → EDIT SINGLE USER Filter: All

ORGANISATION	FULL NAME	LOGIN	E-MAIL	LOCKED	ACTI
→ -	Karin	karin	-	Nein	X
→ -	Karin Mayer	kmayer	-	Nein	X
→ -	PR Administrator Account	PRAdmin	-	Nein	X
→ Fire Brigade	PR User Account	PRUser	-	Nein	X
→ -	SmartClient Administrator Account	SCAdmin	-	Nein	X

1 / 1 NEW USER

Start 8:40 AM 10/24/2012

Creating a user that has roles and privileges of logging in the IPR and creating tasks

# Planning & Response



**Site**

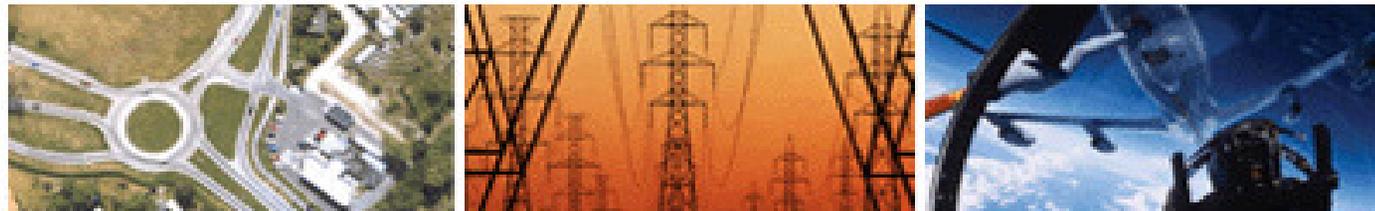
**User**

**Password**

Logging in with the user created in the administrator

# Planning & Response

H



**Operation filter**

Current

**Operation**

Current

Planned

**Function**

Completed

Template

Last 24h

Last week

**Substitution**

Last month

EOC Commander

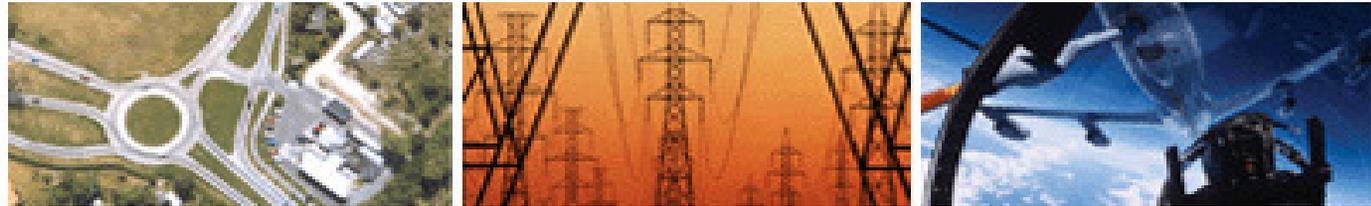
Logistics

Login

Cancel

Selecting the status of the operation

# Planning & Response



**Operation filter** Current

**Operation** 9/17/2012 - Flooding

**Function** (No operation)

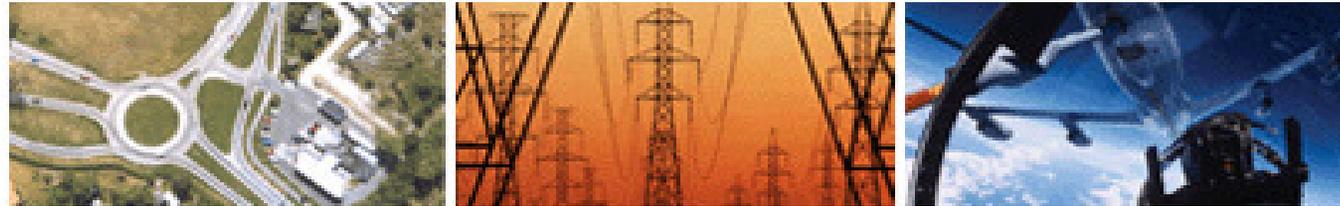
**Substitution**

- Flooding
  - Area Commander
  - EOC Commander
  - Logistics

Login Cancel

Choosing an operation

# Planning & Response



**Operation filter**

Current

**Operation**

9/17/2012 - Flooding

**Function**

Area Commander

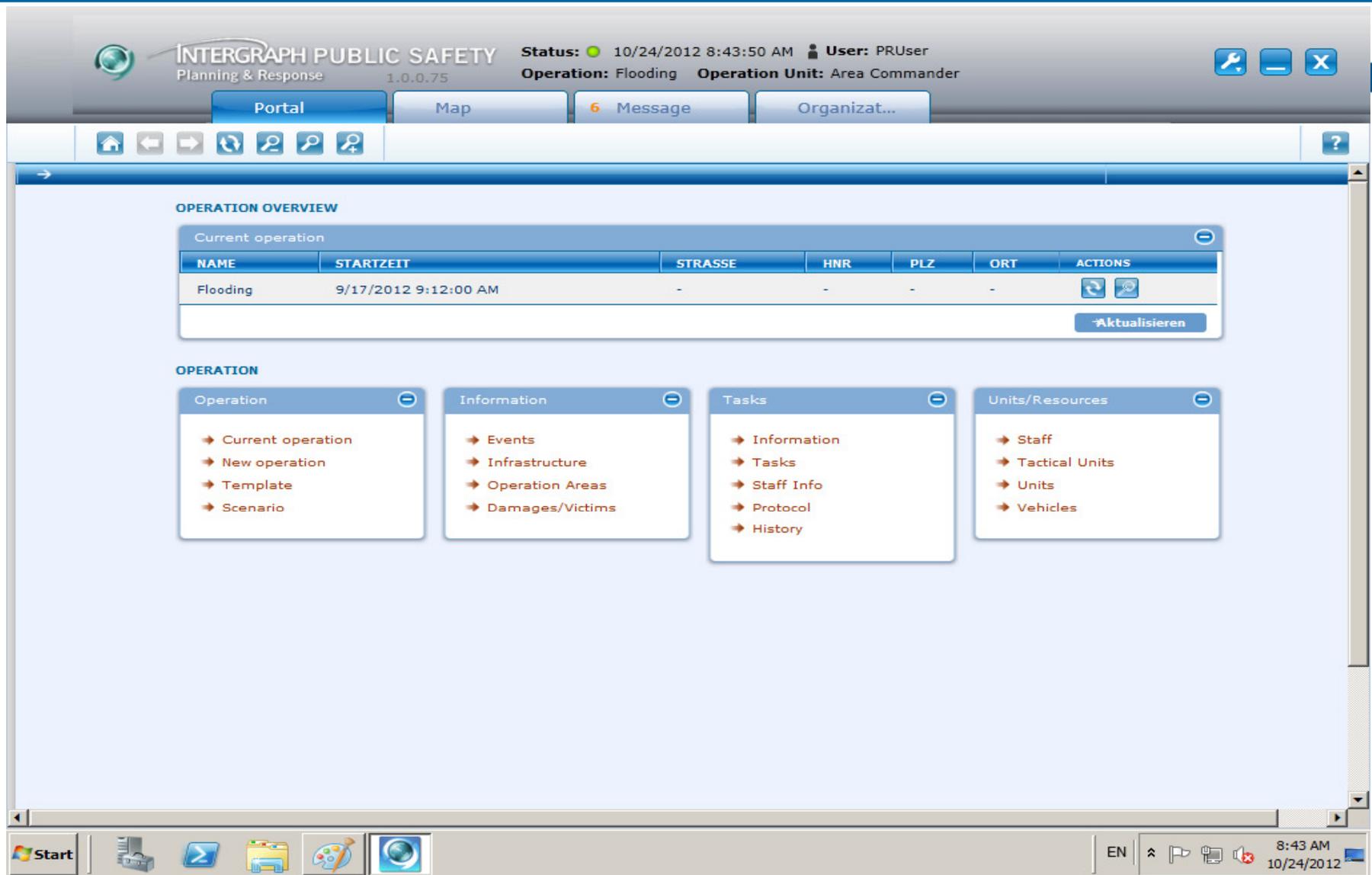
**Substitution**

- Flooding
- Area Commander
- EOC Commander
- Logistics

Login

Cancel

Choosing a function in an organization



**INTERGRAPH PUBLIC SAFETY**  
Planning & Response 1.0.0.75

Status: ● 10/24/2012 8:43:50 AM User: PRUser  
Operation: Flooding Operation Unit: Area Commander

Portal Map 6 Message Organizat...

**OPERATION OVERVIEW**

Current operation

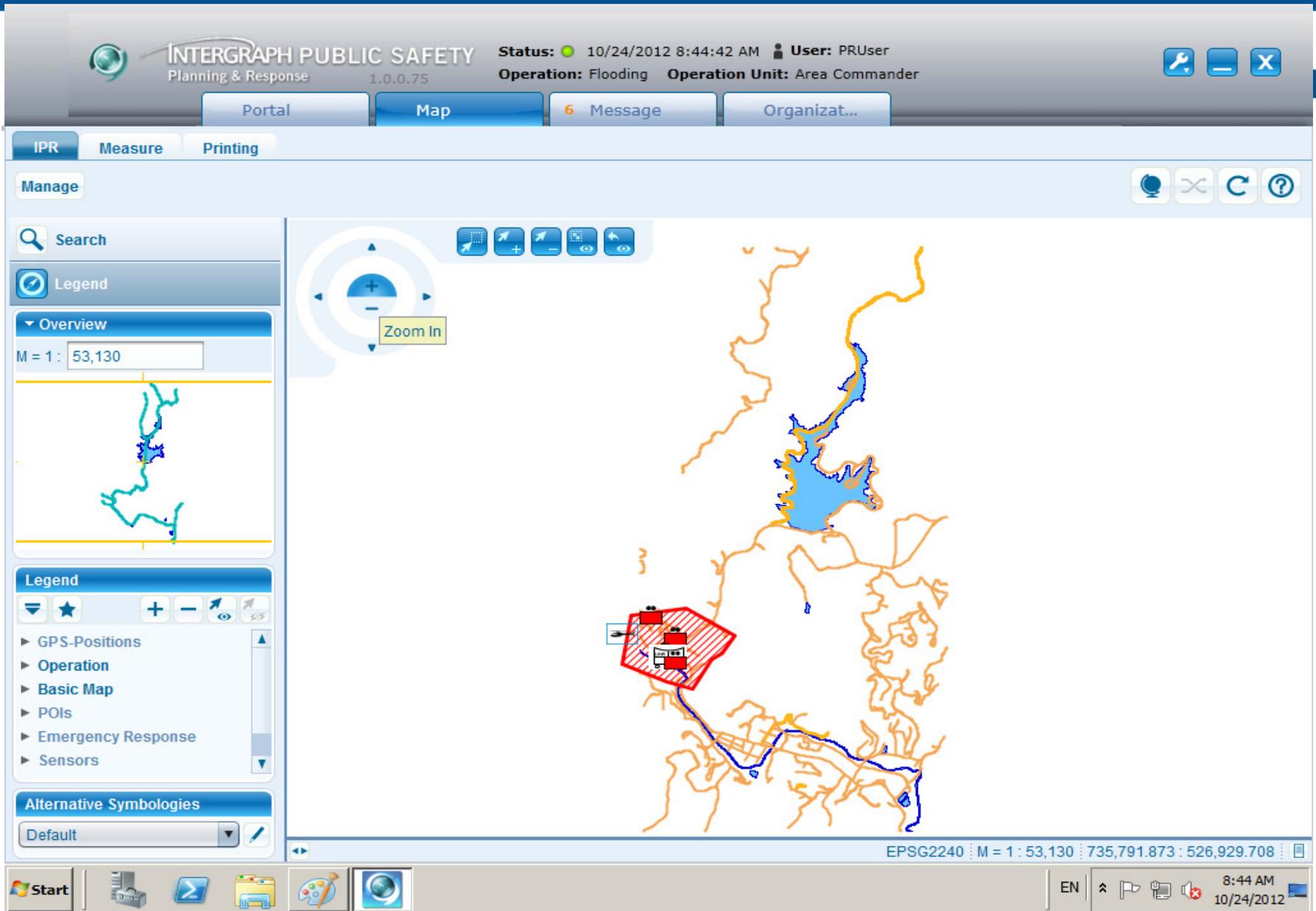
NAME	STARTZEIT	STRASSE	HNR	PLZ	ORT	ACTIONS
Flooding	9/17/2012 9:12:00 AM	-	-	-	-	 

Aktualisieren

**OPERATION**

- Operation
  - Current operation
  - New operation
  - Template
  - Scenario
- Information
  - Events
  - Infrastructure
  - Operation Areas
  - Damages/Victims
- Tasks
  - Information
  - Tasks
  - Staff Info
  - Protocol
  - History
- Units/Resources
  - Staff
  - Tactical Units
  - Units
  - Vehicles

The homepage for the logged in user, has four tabs



The Map Tab


**INTERGRAPH PUBLIC SAFETY**  
 Planning & Response 1.0.0.75

**Status:** ● 10/24/2012 8:49:31 AM **User:** PRUser  
**Operation:** Flooding **Operation Unit:** Area Commander

Portal | Map | **Message** | Organizat... | Edit task

New task | New information | History | Search

**Tasks (1/1)**

Time	Number	Receipt	Status
10/23/2012 11:43:36 AM	A0005	checking on vehicles	Closed

**Informations / Notifications (5/5)**

Number	Time	Type	Abstract
M0007	9/17/2012 9:16:47 AM	Information	Request for information ab
M0006	9/17/2012 9:16:06 AM	Information	III Unit started to work on
M0003	9/17/2012 9:14:23 AM	Information	II Unit started to work on .
M0002	9/17/2012 9:13:58 AM	Information	I Unit started to work on a
M0001	9/17/2012 9:13:33 AM	Information	All requested units have re

**Chat** | Online (1)

Time	Sender	Text

Send

Start | [Taskbar Icons] | EN | 8:49 AM 10/24/2012

The Message Tab: it has assigned tasks and notifications

INTERGRAPH PUBLIC SAFETY  
Planning & Response 1.0.0.75

Status: 10/24/2012 8:45:31 AM User: PRUser  
Operation: Flooding Operation Unit: Area Commander

Portal Map 6 Message Organizat...

Statistic Search

**Search/Selection**  
Organization:   
Keyword:   
Resources:  Add  Assign

**Resources**  
▶ Leader (2)  
▶ Staff (4)  
▶ TacticalUnit (1)  
▶ Operational (2)  
▶ Vehicle (2)

```
graph TD; Flooding[Flooding] --> EOC[EOC Commander]; Flooding --> Area[Area Command]; EOC --> Ops[Operations]; EOC --> Plan[Planning]; Area --> Evac[Evacuation Unit 1]; Evac --> Res1[Rescue Unit 1]; Evac --> Res2[Rescue Unit 2]; Res2 --> HV1[HV1];
```

Start [Taskbar icons] EN 8:45 AM 10/24/2012

The Organogram: where the structure of the organization is defined

INTERGRAPH PUBLIC SAFETY  
 Planning & Response 1.0.0.75  
 Status: 10/24/2012 8:50:26 AM User: PRUser  
 Operation: Flooding Operation Unit: Area Commander

Map Message Organizat... Edit task Tasks

EL S PORTAL

OPERATION

- Information
- Infrastructure
- Operation Area
- Schedule
- Events
- Damage/Victims
- Betroffene / Live-Ticker
- Close

ORGANISATION

- Operation Controllers
- Staff
- Tactical Units
- External Advisors
- Verbindungsbeamte

UNITS/RESOURCES

- Units
- Vehicles
- Operating Resources
- Individuals
- Kräfteanforderung

MESSAGES/TASKS

- Messages
- Default Tasks
- Tasks

MESSAGES AND TASKS → TASKS Filter: All

NO.:	STATUS:	SUMMARY:	CREATED:	COMPLETION UNTIL:	RESPONSIBLE:	AKT
→ A0005	<input type="checkbox"/>	<b>Priority: High</b> checking on vehicles	Area Commander (PRUser)	10/25/2012 12:00:00 AM	Planning	
→ A0004-001	<input checked="" type="checkbox"/>	<b>Priority: Normal</b> Request for information about public mains supply (gas, power, water) in the area of Rheinbach		9/17/2012 9:30:00 AM	Operations	
→ A0004	<input checked="" type="checkbox"/>	<b>Priority: Normal</b> Request for information about public mains supply (gas, power, water) in the area of Rheinbach		9/17/2012 9:30:00 AM	EOC Commander	
→ A0004-002	<input checked="" type="checkbox"/>	<b>Priority: Normal</b> Request for information about public mains supply (gas, power, water) in the area of Rheinbach		9/17/2012 9:30:00 AM	Planning	
→ A0003	<input checked="" type="checkbox"/>	<b>Priority: Normal</b> prepare press release	EOC Commander (karin)	9/17/2012 10:00:00 AM	EOC Commander	
→ A0002	<input checked="" type="checkbox"/>	<b>Priority: Normal</b> Request for information about public mains supply (gas, power, water) in the area of Rheinbach	EOC Commander (karin)	9/17/2012 10:22:00 AM	Logistics	
→ A0001	<input checked="" type="checkbox"/>	<b>Priority: High</b> II Unit has an urgent request for a dump truck in the center of Rheinbach.	EOC Commander (karin)	9/17/2012 10:19:00 AM	Logistics	

NEW

Start EN 8:50 AM 10/24/2012

On the PRUser homepage under the Portal Tab, the Tasks command lists all the tasks found for the are found



→ ELS PORTAL

- OPERATION ?
  - Information
  - Infrastructure
  - Operation Area
  - Schedule
  - Events
  - Damage/Victims
  - Betroffene / Live-Ticker
  - Close

- ORGANISATION ?
  - Operation Controllers
  - Staff
  - Tactical Units
  - External Advisors
  - Verbindungsbeamte

- UNITS/RESOURCES ?
  - Units
  - Vehicles
  - Operating Resources
  - Individuals
  - Kräfteanforderung

- MESSAGES/TASKS ?
  - Messages
  - Default Tasks
  - Tasks

→ MESSAGES AND TASKS → TASKS → EDIT

**PROBLEM/FACTS**

NO.:\* A0006

REPORTED: 10/23/2012 : [ ] [ ] BY: [ ]

SUMMARY:\* Checking if all the vehicles are in the rescue area

DESCRIPTION: Add the missing vehicles in the rescue area

**MANAGEMENT**

PRIORITY:\* High STATUS:\* New ManagementGroup

COMPLETION UNTIL:\* [ ] : [ ] [ ]

SEND TO: Planning

SEND E-MAIL:

SEND COPY TO: WÄHLEN SIE

EMAIL NOTICE:

**ACTION/RESULT**

ACTION: [ ] [ ]

RESULT: [ ] [ ]

Creating a new task

INTERGRAPH PUBLIC SAFETY  
Planning & Response 1.0.0.75

Status: 10/23/2012 11:37:16 AM User: PRUser  
Operation: Flooding Operation Unit: Area Commander

Portal Map Message Organizat... Tasks

- Staff
- Tactical Units
- External Advisors
- Verbindungsbeamte

UNITS/RESOURCES

- Units
- Vehicles
- Operating Resources
- Individuals
- Kräfteanforderung

MESSAGES/TASKS

- Messages
- Default Tasks
- Tasks
- Multiple Tasks
- Protocol Entries
- Staff Information
- Journal

SEARCH ADDRESS:

- Geo Search

PRIORITY: High STATUS: New ManagementGroup

COMPLETION UNTIL: 10/25/2012

SEND TO: Planning

SEND E-MAIL:

SEND COPY TO: 1 VON 6 AUSGEWÄHLT

EMAIL NOTICE:

**ACTION/RESULT**

ACTION:

RESULT:

FINISHED AT:

**LOCATION**

SEARCH ADDRESS:

STREET: 10 Kikuyu Rd NUMBER: 0112311400

ZIP: 2157 CITY: Johannesburg, sunninghill

FREE ADDRESS:

**HISTORY**

CREATED:  BY: PRUser

UPDATED:  BY: PRUser

SAVE + SAVE

POWERED BY INTERGRAPH

Start 11:37 AM 10/23/2012

Creating a task and assigning it to a department in the organization e.g. the Planning department

The screenshot displays the Intergraph Public Safety software interface. At the top, the header includes the logo, version (1.0.0.75), status (10/24/2012 9:28:24 AM), and user (PRUser). The operation is set to "Flooding" with the unit "Area Commander". A navigation bar contains tabs for "Portal", "Map", "1 Message", "Organizat...", and "Tasks".

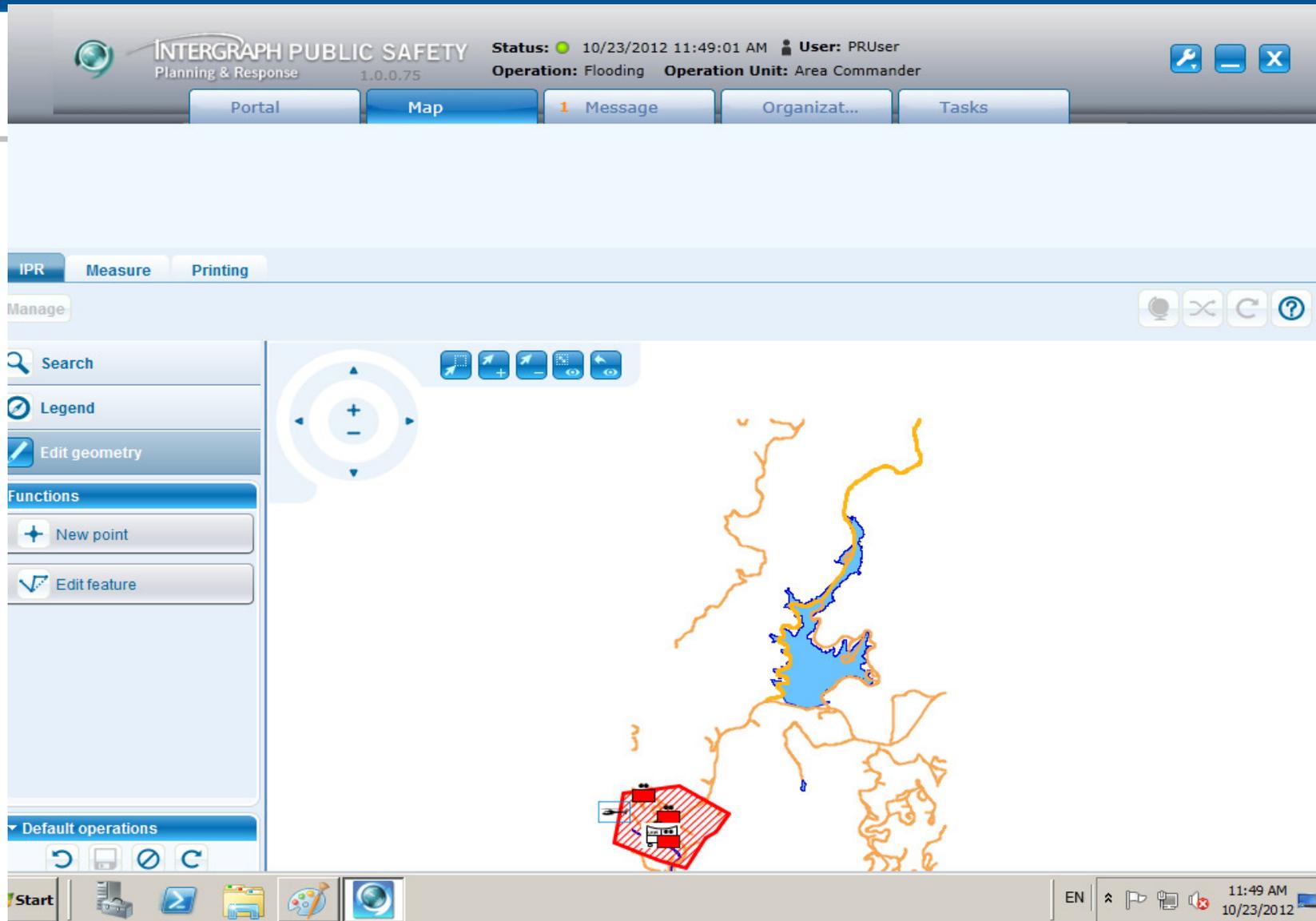
The main content area is a task creation form with the following sections:

- COMPLETION UNTIL:** 10/25/2012 12:00
- RESPONSIBLE:** Planning
- SEND TO:** [Dropdown menu]
- SEND E-MAIL:** [Checkbox]
- SEND COPY TO:** WÄHLEN SIE [Dropdown menu]
- EMAIL NOTICE:** [Checkbox]
- ACTION/RESULT:** Two text input fields for "ACTION:" and "RESULT:".
- FINISHED AT:** [Time/Date input]
- LOCATION:** Fields for "SEARCH ADDRESS:", "STREET:", "NUMBER:", "ZIP:", and "CITY:". A "FREE ADDRESS:" checkbox is also present.
- HISTORY:** A table showing the task's history:

CREATED:	BY:
10/24/2012 9:28:14 AM	PRUser
10/24/2012 9:28:14 AM	PRUser

At the bottom of the form, there are "SAVE +", "SAVE", and "MAP" buttons. A sidebar on the left contains navigation options for "Verbindungsbeamte", "UNITS/RESOURCES" (Units, Vehicles, Operating Resources, Individuals, Kräfteanforderung), "MESSAGES/TASKS" (Messages, Default Tasks, Tasks, Multiple Tasks, Protocol Entries, Staff Information, Journal), and "SEARCH ADDRESS:" (Geo Search). The Windows taskbar at the bottom shows the Start button, system tray, and the date/time (9:28 AM 10/24/2012).

The map tab appears after saving the newly created task

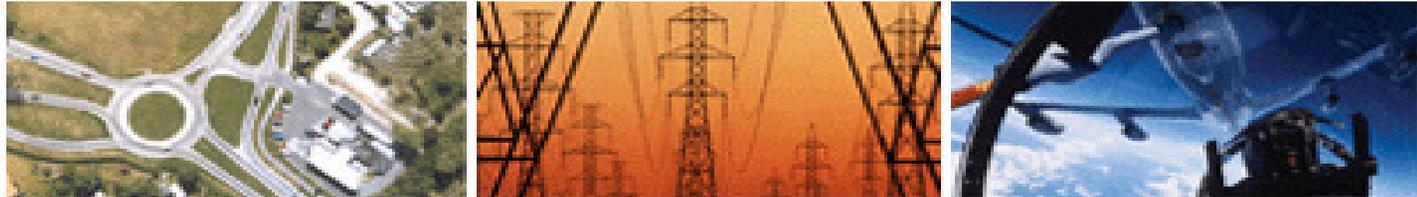


Clicking on the map tab directs us to the main map tab allowing us to capture a point of interest

The screenshot displays the Intergraph Public Safety Planning & Response (IPR) software interface. At the top, the title bar shows the application name, version (1.0.0.75), status (green dot), date and time (10/23/2012 11:58:35 AM), user (PRUser), and current operation (Flooding) and unit (Area Commander). Navigation buttons for Portal, Map, Message, Organization, and Tasks are visible. Below the title bar, there are tabs for IPR, Measure, and Printing, and a Manage section with various icons. The main map area shows an aerial view with orange lines delineating a task area and a green circle indicating a captured point. A legend on the left lists layers: GPS-Positions, Operation, Basic Map, POIs, and Emergency Response. The Windows taskbar at the bottom shows the Start button, system tray icons, and the system clock (11:58 AM, 10/23/2012).

Capturing a point on the map where the task is assigned

# Planning & Response



**Operation filter** Current

**Operation** 9/17/2012 - Flooding

**Function** Planning

**Substitution**

- EOC Commander
- Logistics
- Operations
- Planning

Login Cancel

Logging in to the Planning function to check the assigned task



Portal

Map

Message

Organizat...



New task

New information

History

Search

Tasks (4/4)

Time	Number	Receipt	Status
10/23/2012 11:43:36 AM	A0005	checking on vehicles	Assigned
<b>Description:</b>			
<b>Action:</b>		<b>Result:</b>	
<b>Creator:</b> Area Commander		<b>Source:</b> Area Commander	
<b>Owner:</b> Planning		<b>Deadline:</b> 10/25/2012 12:00:00 AM	
9/17/2012 9:30:21 AM	A0004-002	Request for information abc	New
9/17/2012 9:28:39 AM	I0001	Request for information abc	New
9/17/2012 9:20:14 AM	A0001	II Unit has an urgent reque	New

Informations / Notifications (5/5)

Number	Time	Type	Abstract
M0007	9/17/2012 9:16:47 AM	Information	Request for information ab
M0006	9/17/2012 9:16:06 AM	Information	III Unit started to work on
M0003	9/17/2012 9:14:23 AM	Information	II Unit started to work on .
M0002	9/17/2012 9:13:58 AM	Information	I Unit started to work on a
M0001	9/17/2012 9:13:33 AM	Information	All requested units have re

Chat

Online (1)

Time Sender Text

Send



EN



12:05 PM  
10/23/2012

A person assigned to the planning team gets the task assigned

INTERGRAPH PUBLIC SAFETY  
 Planning & Response 1.0.0.75  
 Status: ● 10/23/2012 12:08:46 PM User: PRUser  
 Operation: Flooding Operation Unit: Planning

Portal Map Message Organizat...

New task New information History Search

Tasks (4/4)

Time	Number	Receipt	Status
10/23/2012	A0005	checking on vehicles	Assigned
9/17/2012 9:30:21 AM		for information abc	New
9/17/2012 9:28:39 AM	I0001	Request for information abc	New
9/17/2012 9:20:14 AM	A0001	II Unit has an urgent reque	New

**Edit task**

**Status**

- Testing
- In progress
- Post process
- Completed
- Closed

**Action:**

**Creator:** Area Com

**Owner:** Planning

**Result:**

**Source:** Area Commander

**Deadline:** 10/25/2012 12:00:00 AM

Informations / Notifications (5/5)

Number	Time	Type	Abstract
M0007	9/17/2012 9:16:47 AM	Information	Request for information ab
M0006	9/17/2012 9:16:06 AM	Information	III Unit started to work on
M0003	9/17/2012 9:14:23 AM	Information	II Unit started to work on :
M0002	9/17/2012 9:13:58 AM	Information	I Unit started to work on a
M0001	9/17/2012 9:13:33 AM	Information	All requested units have re

Chat Online (1)

Time	Sender	Text

Send

Start [Taskbar icons] EN 12:08 PM 10/23/2012

The right hand menus on the task



Portal Map Message Organizat...



New task New information History

Search

Tasks (4/4)

Time	Number	Receipt	Status
10/23/2012 11:43:36 AM	A0005	checking on vehicles	In progress
9/17/2012 9:30:21 AM	A0004-002	Request for information abc	New
9/17/2012 9:28:39 AM	I0001	Request for information abc	New
9/17/2012 9:20:14 AM	A0001	II Unit has an urgent reque	New

Informations / Notifications (5/5)

Number	Time	Type	Abstract
M0007	9/17/2012 9:16:47 AM	Information	Request for information ab
M0006	9/17/2012 9:16:06 AM	Information	III Unit started to work on
M0003	9/17/2012 9:14:23 AM	Information	II Unit started to work on i
M0002	9/17/2012 9:13:58 AM	Information	I Unit started to work on a
M0001	9/17/2012 9:13:33 AM	Information	All requested units have re

Chat Online (1)

Time	Sender	Text
<input type="text"/>		

Send



Status change

**INTERGRAPH PUBLIC SAFETY**  
Planning & Response 1.0.0.75

Status: ● 10/23/2012 12:15:33 PM User: PRUser  
Operation: Flooding Operation Unit: Planning

Portal Map Message Organizat... Edit task

→ ELS PORTAL

- OPERATION
  - Information
  - Infrastructure
  - Operation Area
  - Schedule
  - Events
  - Damage/Victims
  - Betroffene / Live-Ticker
  - Close
- ORGANISATION
  - Operation Controllers
  - Staff
  - Tactical Units
  - External Advisors
  - Verbindungsbeamte
- UNITS/RESOURCES
  - Units
  - Vehicles
  - Operating Resources
  - Individuals
  - Kräfteanforderung
- MESSAGES/TASKS
  - Messages
  - Default Tasks
  - Tasks

→ MESSAGES AND TASKS → TASKS → EDIT

Export: Auftrag PDF

General Information Information/Management Status Attachments History

**PROBLEM/FACTS**

NO.:\* A0005  
REPORTED: 10/23/2012 12:00 AM BY: PRUser  
SUMMARY:\* checking on vehicles  
DESCRIPTION:

**MANAGEMENT**

PRIORITY:\* High STATUS:\* In progress  
COMPLETION UNTIL:\* 10/25/2012 12:00  
RESPONSIBLE: Area Commander  
SEND TO:  
SEND E-MAIL:   
SEND COPY TO: WÄHLEN SIE  
EMAIL NOTICE:

**ACTION/RESULT**

ACTION: Hi, I have received the task.  
RESULT:

EN 12:15 PM 10/23/2012

Edit the task and return it


**INTERGRAPH PUBLIC SAFETY**  
 Planning & Response 1.0.0.75

**Status:** ● 10/23/2012 1:57:11 PM **User:** PRUser  
**Operation:** Flooding **Operation Unit:** Area Commander

Portal Map **Message** Organizat...

New task New information History Search

**Tasks (1/1)**

Time	Number	Receipt	Status
10/23/2012 11:43:36 AM	A0005	checking on vehicles	In progress

**Description:**

**Action:** Hi, I have received the task. **Result:**  
**Creator:** Area Commander **Source:** Planning  
**Owner:** Area Commander **Deadline:** 10/25/2012 12:00:00 AM

**Informations / Notifications (5/5)**

Number	Time	Type	Abstract
M0007	9/17/2012 9:16:47 AM	Information	Request for information ab
M0006	9/17/2012 9:16:06 AM	Information	III Unit started to work on
M0003	9/17/2012 9:14:23 AM	Information	II Unit started to work on .
M0002	9/17/2012 9:13:58 AM	Information	I Unit started to work on a
M0001	9/17/2012 9:13:33 AM	Information	All requested units have re

**Chat** Online (1)

Time	Sender	Text
<input type="text"/>		

**Send**

The task is received



**The Training Challenge**



**The Knowledge Management Challenge**



**The IT Challenge**



**The Security Challenge**

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**Welcome** to  
**Geospatial**

**Thank you!**