

As a technology partner...

RUAG

... we enable our customers to achieve **SUCCESSFUL MISSIONS** in defence and security



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13th European Police Congress

3 February 2010

Pascal Freiburghaus
VP Business Unit Homeland Security

Modern Operational Command – experiences from large events

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An international technology group with Swiss roots

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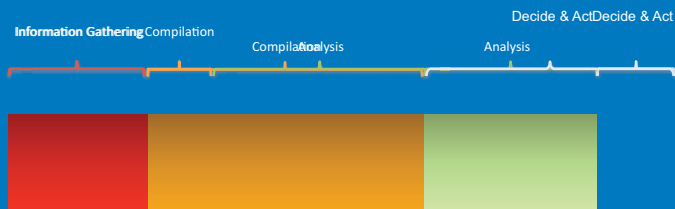
- 7'000 employees*
- Production: CH, D, A, HU, SE
- Sales organizations: GB, B, F, USA
- Joint stock company under private law since 1999
- Shareholder: The Swiss Confederation
- Headquarters: Berne/Switzerland



* status: 05/2009

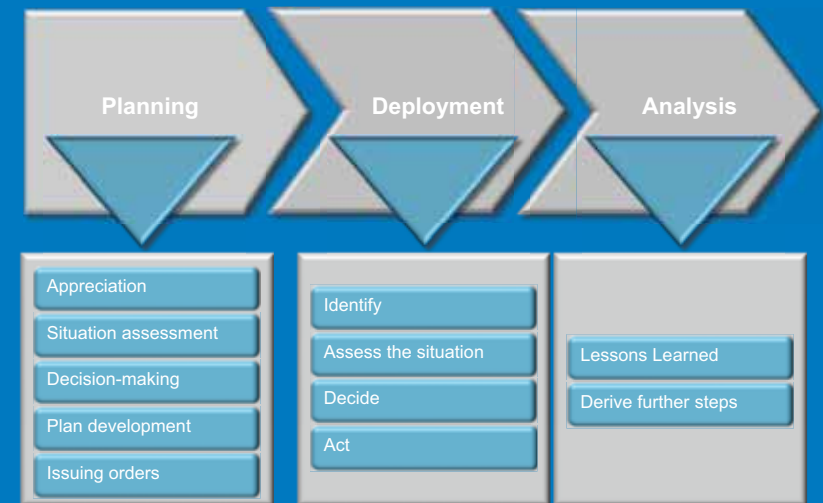
PantherCommand® keeps you on top of the situation

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The command process

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Commanding with a conventional structure

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Your operational challenges

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- the planning effort
- getting a picture of the situation
- avoiding surprises
- making on the spot decisions
- resource management
- right action at the right time
- accurate debriefing



PantherCommand® in operation

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Your command post using PantherCommand® ...

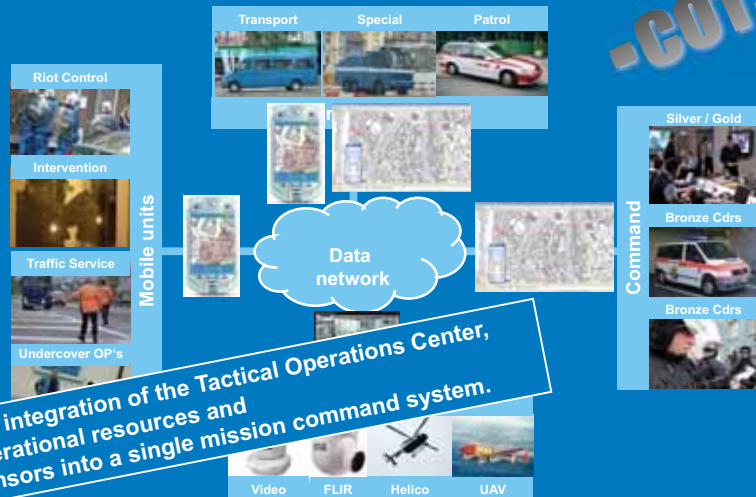
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The PantherCommand® mission control system

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-COTS



The integration of the Tactical Operations Center, operational resources and sensors into a single mission command system.

... as do your units on the ground

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Other agencies

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Fire Brigade

Police

Ambulances, aid organisations

Regions, districts, communities

Joint Portal for staff

Collect, Forward, escalate, inform and document with messages across organisational boundaries (staff)

- Online overview of staff
- Offline overview of staff
- availability of Forces
- joint operational picture

SMS-Server
Fax-Server
E-Mail-Server
Video-Images
Live Video
Alarming

Access to other Services: Weather, rain/flood forecasts, ...

Support for planning, deployment and operational analysis

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planning

- Produce deployment plans for foreseen and unforeseen situations
- Specify contingency decisions

deployment

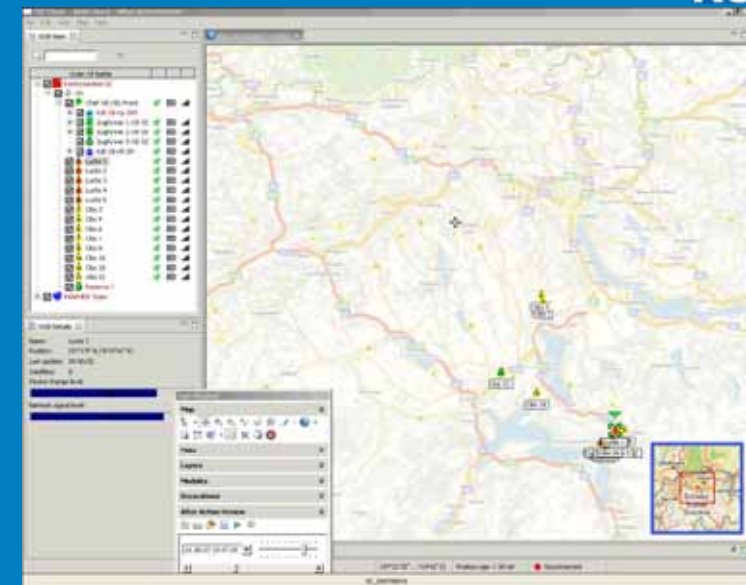
- Constant overview of the situation
- Adjust plans
- Information disseminated in real time
- Accelerate the command process

analysis

- Analyse and discuss operations as they actually occurred
- Adjust deployment plans for new operations
- Derive "Lessons Learned"

Examples of PantherCommand[®] in operation

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EURO 2008 operations, Zurich

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- System used together by 5 organisations (City Polices Zürich/Winterthur), Cantonal Police, Fire Brigade, Ambulance)
- the system was in operation round the clock for the 3.5 week period
- more than 10,000 entries were generated in the joint journal
- some 200 GPS-tracked units were displayed for most of the time



Operations at the World Economic Forum (WEF), Davos

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- system has been used successfully since 2007
- operational command networked between Davos, Chur, Landquart and Küblis
- collaboration between several Swiss and foreign police forces
- joint planning, operational command and analysis
- all operational units were commanded using PantherCommand®



NPD demonstration, July 2007 Operation in Frankfurt am Main

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- 9,600 personnel deployed
- each police company (approx. 100 strong) equipped with trackers and PDAs
- 30 water cannon, 4 helicopters linked into the system
- operational units trained and practised beforehand
- control and logistics by Police Headquarters, Frankfurt
- Successful operation followed by request to use it again in October 2007



Statement by Chief of Staff Marcel Suter after the WEF

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- "PantherCommand® made our task easier ...
- ... communications: less radio traffic
- ... planning: less traditional mapping material was required
- ... command: rapid and effective redeployment of operational units
- ... info acquisition: up-to-date situation picture and precisely focused operations"



- Simplified mission planning and preparation
 - Simple adaptation of plans
 - Uniform mapping material
- Increased speed and quality of decision making:
 - At times, the acquisition of information was even up to five minutes faster than by conventional reporting methods.
 - Events were added and distributed with the system before information on radio was available
- Continuous display of information
- Massive reduction of radio traffic
- Less people for documentation of event
- Easy to learn and easy to use system

Brennpunkte

Freitag, 03.04.2009 - Baden-Baden

- Arbeitessen im Kurhaus/Dorint
- Kulturveranstaltung im Kurhaus
- Übernachtung von mind. 15 Delegationen

Samstag, 04.04.2009 - Kehl

- „Fußabdruck“ vormittags in Kehl (gemeinsames Bild / Gang über die Passerelle)

Anreise / Abreise

- Baden Airpark KA/Baden-Baden
- Black Forest Airport Lahr

What makes PantherCommand® stand out?

- a system developed for the police using police input
- successfully operational employment since 2006 both at home and internationally
- supports all operational phases: planning, deployment and analysis
- allows cross-organisational use
- simple to use after a short training period
- mobile devices can be linked up



Some numbers...

- 1500 square kilometers deployment area
 - 150 km main roads to secure
 - Start of holidays in 10 Bundesländern
 - 23 Head of states and governments
 - 20'000 policemen
 - Limited radio frequencies for the coordination
- **Main objectives of BAO Atlantik**
- ensuring the continuous overview of the situation
 - possibility of implementing tactical measures / commands in an accelerated manner
 - Reduction of radio traffic
 - ensuring a multitude of guidance tasks

Thank you for your attention!