



Proactive Crisis Management-Hindsight in advance

Workshop TIEMS
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Background

IntraPoint

- Originated informally from within the academic community at the Norwegian University of Science and Technology (NTNU) and The Foundation for Scientific and Industrial Research (SINTEF).
- Founded in June, 1999.
- Has grown into a highly successful global company and still maintains strong ties to the academic community in Trondheim, Norway.

Lars Terje Rotabakk

- Employee since march 2007
- Originally a high-school teacher
- Background as an instructor for 6 years in the Norwegian Civil Defense

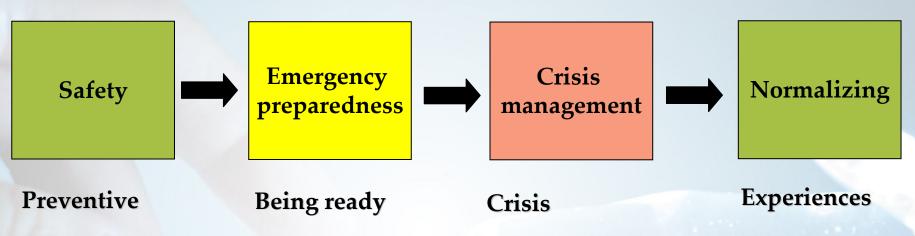


Themes for this presentation

- Lifecycle
- Challenges
- Tools
- Improvements



Safety and crisis management



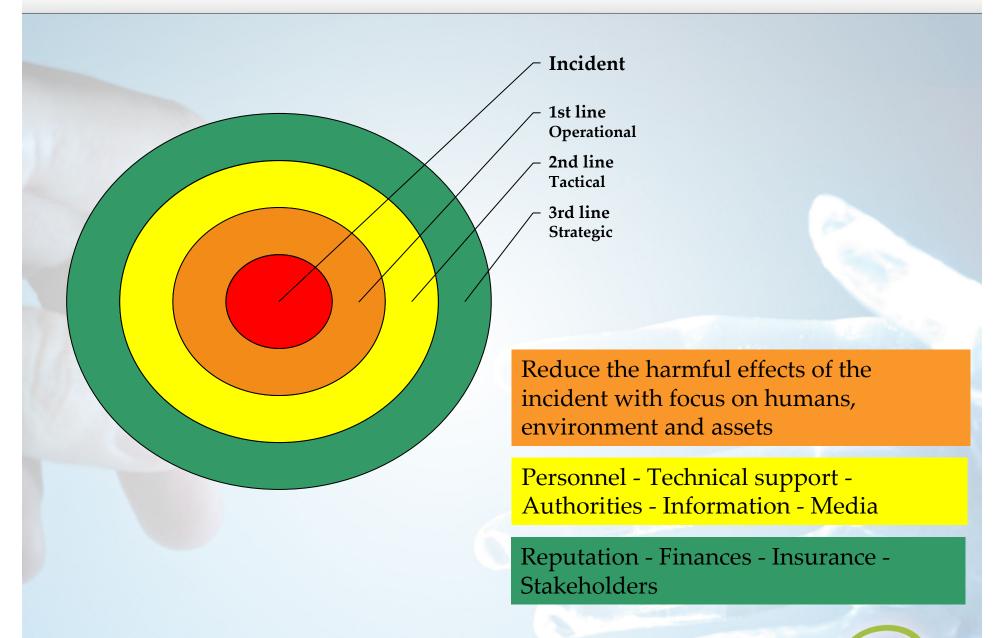
- •HSEO
- Attitude
- Expertise
- Plans
- Systems
- •Follow-up

- Plans
- Equipment
- Manning
- Expertise
- Training

- Command
- Control
- Communication
- Checklists
- Plans

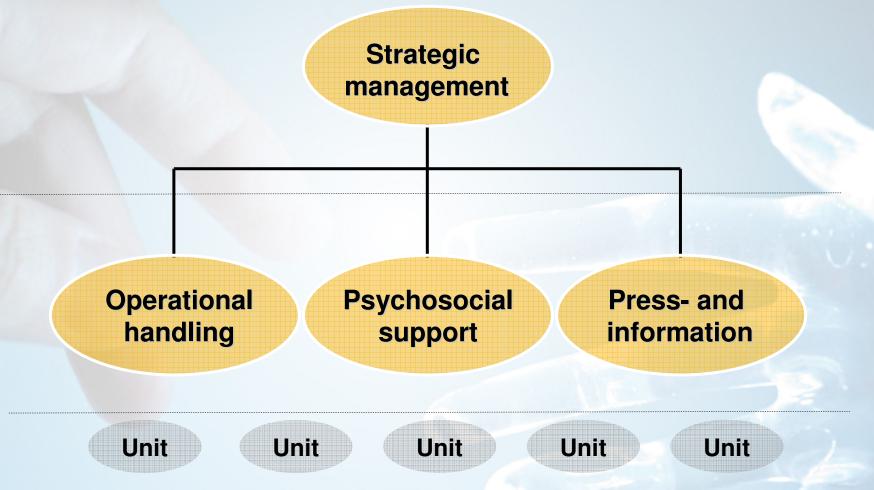
- Investigations
- Inquieries
- Reports
- Recommendations







Good handling is always depending on: Information control





Infoboards

- Four boards to be projected in the emergency room as a common focus. In addition each member has rolebased access to the system and own functionality.
- Infoboard
 - With incident type, observations, personnel status, weather conditions
- Focus and actions
 - Board with defined focus, next actions with timelimits and executed actions
- External Contacts
 - Communication with external contacts, internal contact, when they were informed first time and last time
- External Resources
 - Available external resources with estimated time of arrival

Info (exercise)

Local time: 14:19:47



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DFU: Fire/Explosion Seriousness: Level 2 Unit: Main Office Time: 23.01 10:21

Time	Observation	Reported by	Status	Released
23.01 10:55	Conduct 1st meeting	Overvik, Helge	Unconfirmed	No
23.01 10:46	EMT mobilized, evacuation signal send.	Securityguard	Unconfirmed	No
23.01 10:45	A large explosion close to reception area by the main entrance	Securityguard	Unconfirmed	No

Personnel status	Last updated: 23.01 10:40

Total: 456 Evacuated: 46 Missing: 2 Injured: 0

Weather	Last updated: 23.01 10:40
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Conditions 🤏	Temp 1	Wind -	Oceanic current 🧇	Sun 🌞	Significance
	Air: -4 Sea: 4	Direction: NE Force: 3 Wave: NA	Direction: NA Force: NA	Up: 0823 Down: 1613	No impact

Focus and Action (exercise)

Local time: 14:55:57

Focus

Evacuating personnel, kill fire

Next action	Responsible	Time limit
Alert government	Duty Officer	
Notify management	Duty Officer	23.01 10:36

Executed actions	Time executed		
Conduct 1st meeting	23.01 10:55		
Alert Firedepartment	23.01 10:55		
Contact Police	23.01 10:55		
Call CEO	23.01 02:17		

External Contacts (exercise)

Local time: 14:46:31



Authority	Contact	Internal Conta	ct First notifie	ed Last notifie	ed Note
Fire department	Duty officer	Crisis Manager, .	23.01 10:51	23.01 10:51	Informed about possible terrorbomb Helge Overvik, 01/23/2007 - 10:52 AM
Petroleum Safety Authority	Hans Hansen	Crisis Manager, .	23.01 10:52	23.01 10:52	Informed about the situation Helge Overvik, 01/23/2007 - 10:53 AM

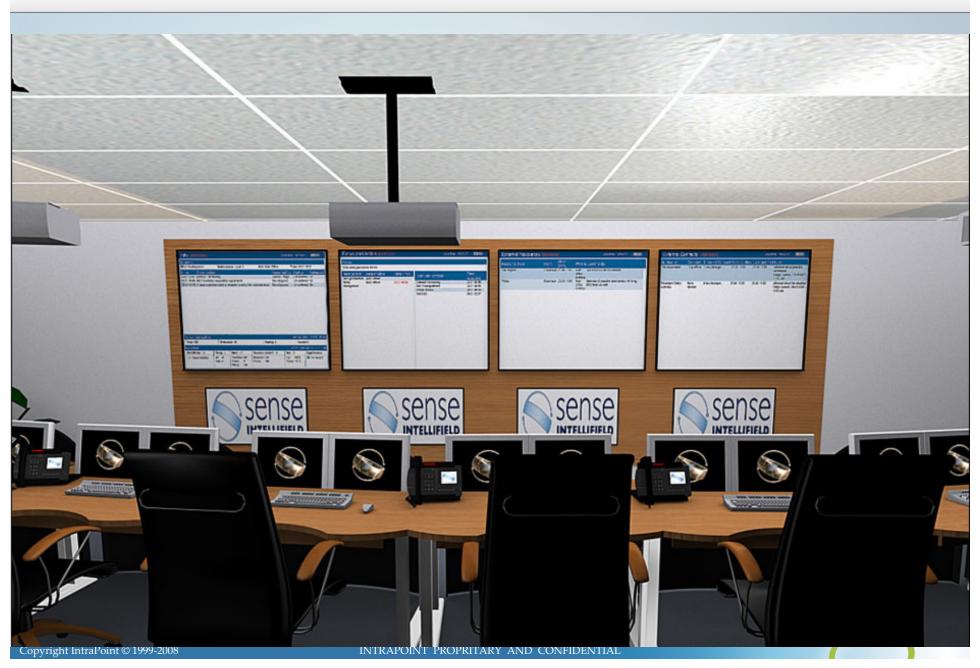
External Resources (exercise)

Local time: 14:56:57



Resource type	From	When (ETA)	Where	Comments	
Fire brigade	Downtown	23.01 10:58	Main office building	Will arrive as fast as possible	^
Police	Downtown	23.01 10:59	Main office building	Beaware of possible terrorbombs, will bring EOD team as well	



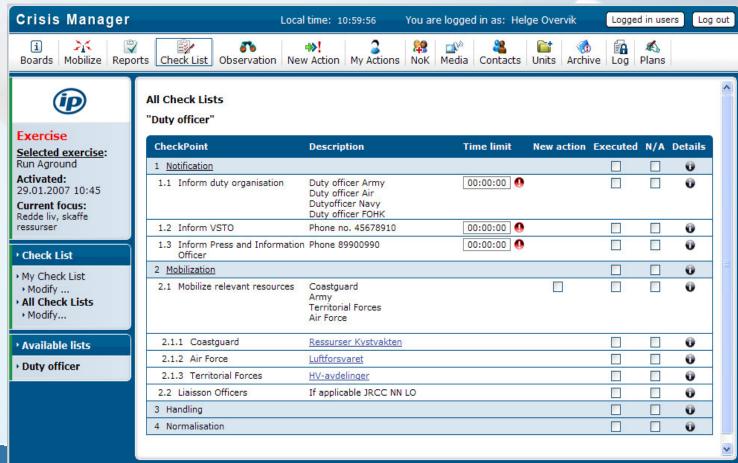




Handling during an incident

- Information update
- Role based checklists
- Registration of tasks

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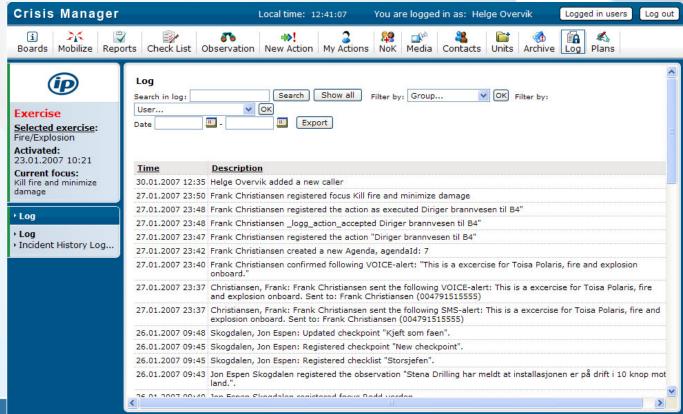
Log of Incidents

Automatically logging

Log from archived

incidents

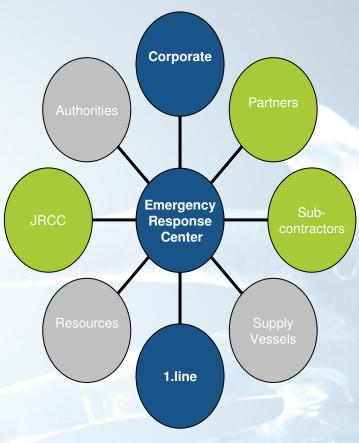
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Integrated Emergency Response Operations

- Granted full or limited access to Crisis Manager system
- Granted limited access to input or read information to/from Crisis Manager
- All communication logged by Crisis Manager users





Improved performance and regularity

