About Systematic
Systematic is an internationally renowned software company providing scalable software products, services and projects for defence forces, security organisations and systems integrators.
Systematic is redefining defence and security IT procurement with its off-the-shelf product range for command and control, situational awareness, crisis management, intelligence and information exploitation. In addition, the company provides training, consultancy and integration services in these highly specialised fields.
The company’s products and services are proven operationally in combat, humanitarian missions, emergency response, public order events and internal security.
Working internationally with local partners, Systematic delivers cost-effective solutions to more than 100,000 users in over 40 countries.

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About Bruhn NewTech
Bruhn NewTech’s core competence and business focus is the design, development, implementation, support and maintenance of CBRNe (Chemical, Biological, Radiological, Nuclear, Explosives) Information Management Solutions to support Defence Forces and Emergency First Responders operating in hazardous environments.
Bruhn NewTech’s unique qualities are in the combination of its CBRNe specialist staff experience and expertise, its CBRNe COTS (Commercial off the Shelf) Product Portfolio and its enduring collaborative partnerships with the Defence Forces of NATO and partner Nations.
Bruhn NewTech’s Software Application; CBRN-Analysis, is operational with the Defence Forces of 24 NATO and 6 PfP Nations and has remained aligned with the constantly changing NATO Standard for over 20 years.

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What if there was a simple way to report CBRN incidents? With the certainty that the information is complete and arrives instantly at the right place and in the right format? Through a system that also takes in data directly from your CBRN sensors to enable fast and highly reliable calculations?

And what if you could provide shared situational awareness to all relevant parties and instantly distribute warnings to the units at risk in hazardous areas?

This is what the combined CBRN and C4I solution from Bruhn NewTech and Systematic is all about.
JOINING THE FORCES OF CBRN AND COMMAND & CONTROL

**Getting that vital warning through**
To get critical CBRN reporting through to the specialists, operational forces can report CBRN incidents directly in their SitaWare Frontline Battle Management System. Any anomalies registered by CBRN sensors are also reported directly to the specialists at the CBRN Centre.

**Immediate warnings to units at risk**
Operators are able to instantly use the reported information to generate CBRN warnings without any need to manually process incoming data. All warnings can be distributed instantly and even automatically to all units at risk as high priority. These units will get a warning signal and a visual overlay of the potentially contaminated area in their Battle Management System.

**Shared situational awareness**
The combined system provides shared situation awareness to all relevant parties including deployed units, CBRN specialists, and headquarters staff. All have access to the CBRN Common Operational Picture including the actual positions of own units (Friendly Force Picture) and hazardous areas.

**Less IT hardware needed**
The CBRN specialists need less IT hardware as their specialist tool, CBRN-Analysis, is directly integrated into the Command & Control interface of the SitaWare C4I System.

**MILITARY BENEFITS**
- Late CBRN warnings and incorrect information can put lives at risk.
- Difficult access to the Common Operational Picture for CBRN specialists.
- No integration between specialist CBRN tools and C4I Systems.

**MILITARY CHALLENGES**
- Speeds up the CBRN reporting, calculation and warning time.
- Instant visual warnings to units in hazardous areas.
- CBRN Common Operational Picture available to all users.

**KEY FEATURES**
- Integrates CBRN specialist tools with C4I Systems.
- Sensor integration.
- Supports coalition interoperability using APP-11 and ADatP-3.
- Less IT hardware needed for CBRN specialists.

"Through the integration of CBRN specialists tools from Bruhn NewTech and the generic SitaWare C2 applications, we have gained a number of life-saving effects speeding up the reporting and warning process in case of a CBRN event."

"Our two industry partners, Bruhn NewTech and Systematic, have in a very short time developed the requested capabilities, and the cooperation between them and our user organization is an example to follow in future projects."

**CAPTAIN PIA BRØNER, Joint Danish CBRN Centre of Excellence**