



■ ■ ■ Retos I+D+i ■ ■ ■

2009-11-03





I+D+i. TICs



VIVIANE REDING (commissioner for information society and media)

..I believe that there are three essential lessons we should learn from the crisis:

First, especially in times of **financial crisis** we must **reinforce the investments** in our future capacities to innovate and grow. Cuts in public and private R&D spending may be tempting but this could irreversibly damage our economies and the ability to recover.

Second, solid and sustainable businesses and economies are those that have the capacity to produce **real/ high-value goods and services** responding to **real/ market needs**.

Third, **working together at the European level** will give us greater strength and stability to ride out the current storm. Recent experience shows that, acting together in the EU, not only helps us to resist shocks but also gives us a scale-efficient basis for achieving ambitious goals that no country is strong enough to tackle by itself.

ICT is the principal motor of growth and competitiveness of industries, the driver of efficiency and effectiveness of our public sector and the means of raising the quality of life of our citizens.



Objetivos I+D+i

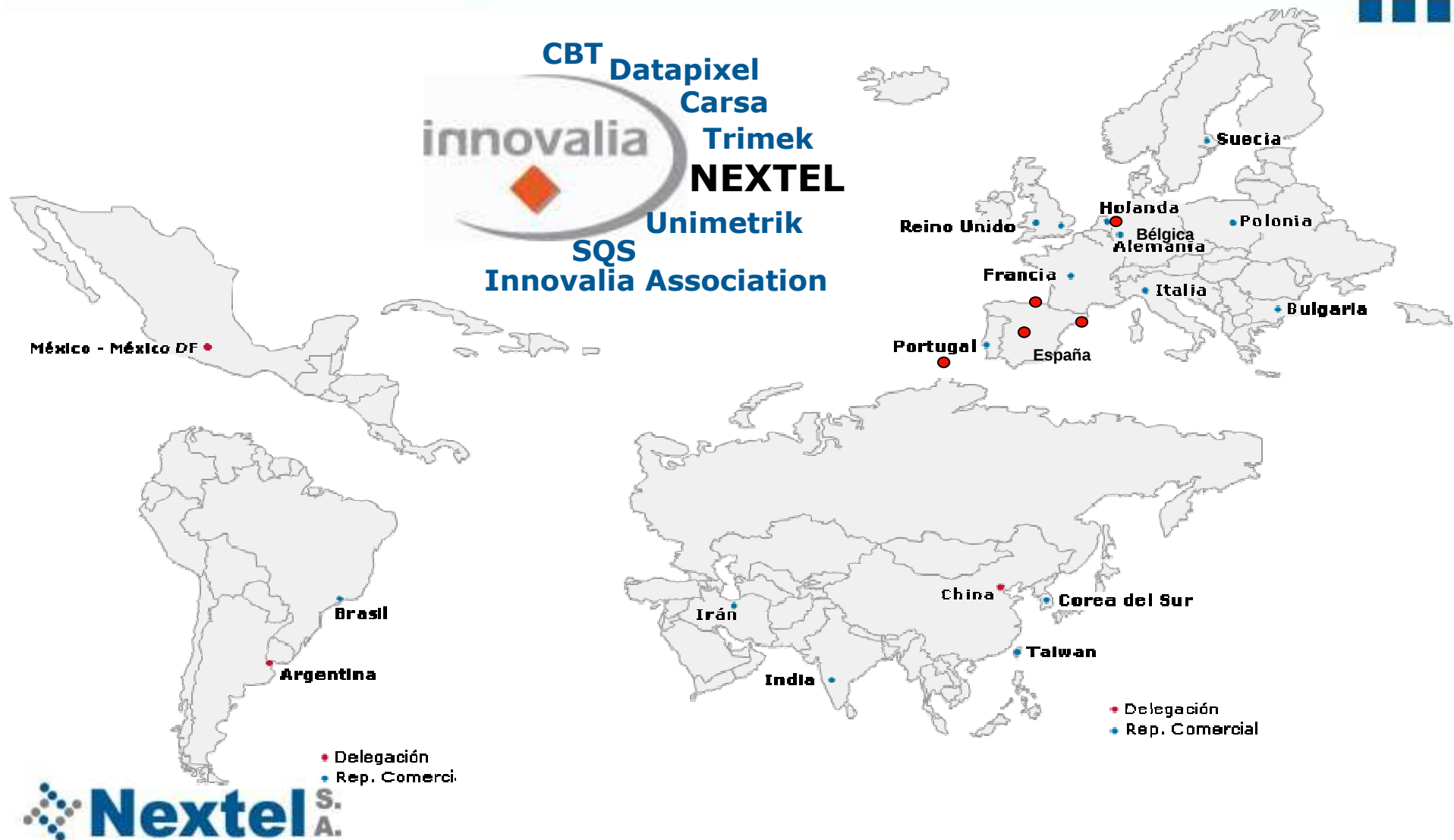


Contribución a los objetivos estratégicos profundizando en los conocimientos tecnológicos que permiten:

- o Mejora de los productos y servicios
- o Mejora de la competitividad
- o Generación de oportunidades de negocio



Presencia internacional





Retos I+D+i



THE DISASTER RISK MANAGEMENT CYCLE



DISASTER RISK MANAGEMENT CYCLE (DRMC) DIAGRAM

Definitions:

Mitigation/Prevention:

Activities which eliminate or reduce the chance of occurrence or the effects of a disaster.

Preparedness:

Planning on how to respond to disasters should they occur. This includes the provision of legislation, trained personnel and resources.

3 stages of DRMC

PRE-DISASTER

- Risk Assessment
- Mitigation/Prevention
- Preparedness

DISASTER RESPONSE

- Warning/Evacuation
- Saving People
- Providing Immediate Assistance
- Assessing Damage

POST-DISASTER

- Ongoing Assistance
- Restoration of Infrastructural Services
- Reconstruction (Resettlement/Relocation)
- Economic & Social Recovery
- Ongoing Development Activities
- Risk Assessment Mitigation/Prevention

DRMC - ©ICRQAD 2008



Líneas de investigación I+D+i



Evolución de redes y sistemas de información

➤ Eficiencia de las comunicaciones, IPv6, movilidad 4G, centros de control y monitorización, ...

Seguridad de la información

➤ Políticas efectivas, regulaciones, normativa, gestión continua del riesgo, estandarización, visibilidad avanzada, herramientas de soporte, ...

Desarrollo de aplicaciones web

➤ Software como servicio, procesos complejos en colaboración, metodologías efectivas, productividad, reusabilidad, ...



Líneas de actuación I+D+i



Monitorización continua de las líneas de negocio

Vigilancia tecnológica: ámbito mundial

Análisis de oportunidades: ámbito europeo

Optimizar el proceso I+D+i

- Sistematización, UNE 166002
- Personas: factor clave de éxito
- Innovalia soporte y lanzadera indispensable

Desarrollo de proyectos

- transferencia de tecnología
- transferencia de conocimientos
- transferencia de clientes
- notoriedad y posicionamiento



Proyectos



FP7

- Secricom

CELTIC

- BUGYO-2
- FT-PSC



ITEA2

- Metaverse1
- Expeshare
- Prisma
- Multipol

National

- E-share
- Neurona

Regional

- Pervasec
- exPERIENCIA



SECRICOM - Seamless Communication for Crisis Management



<http://www.secricom.eu>



SECRICOM - Seamless Communication for Crisis Management



[Infineon Technologies AG](#)
Germany



[CEA LETI](#)
France



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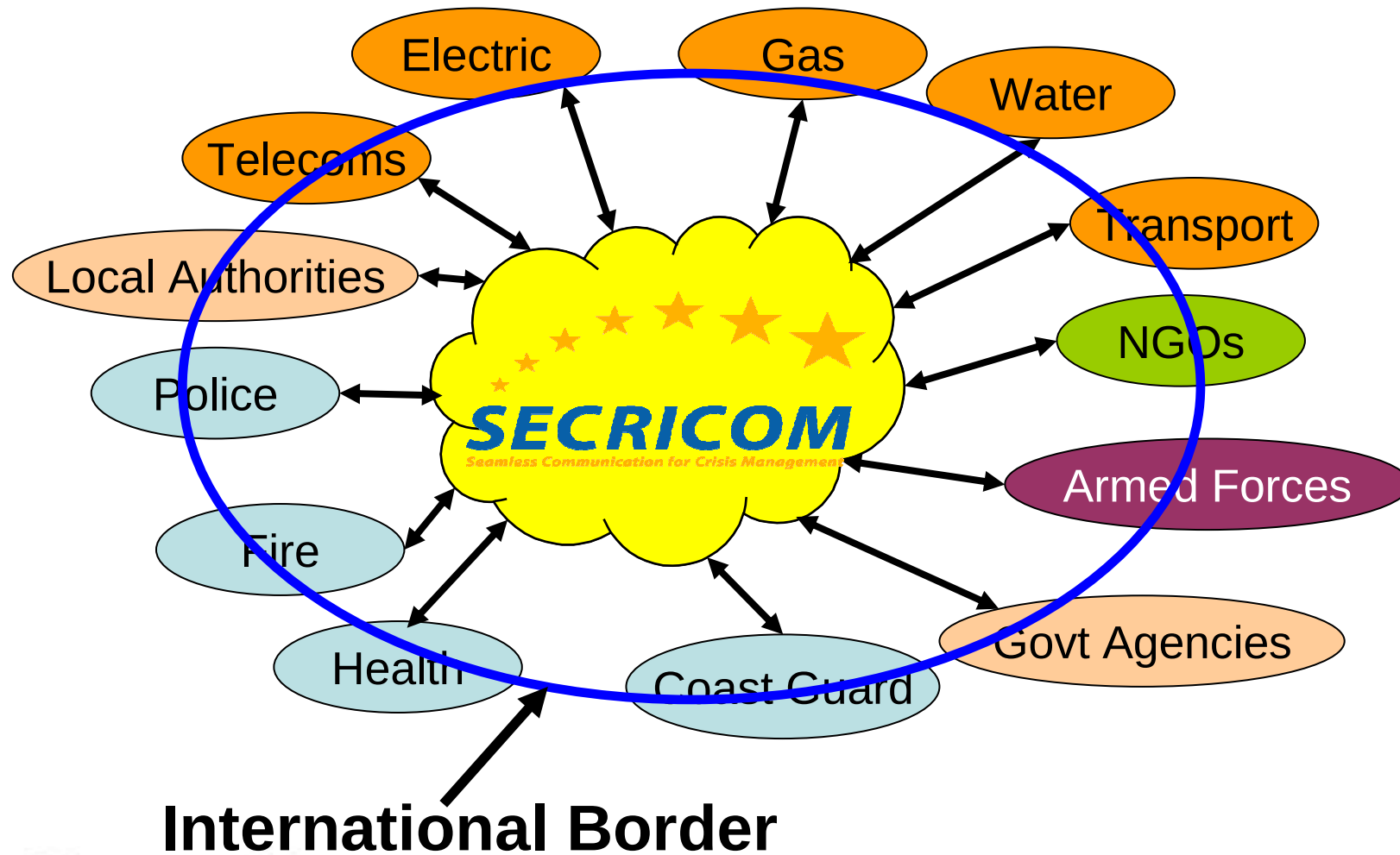


[British Association of Public Safety Communication Officers](#)
United Kingdom



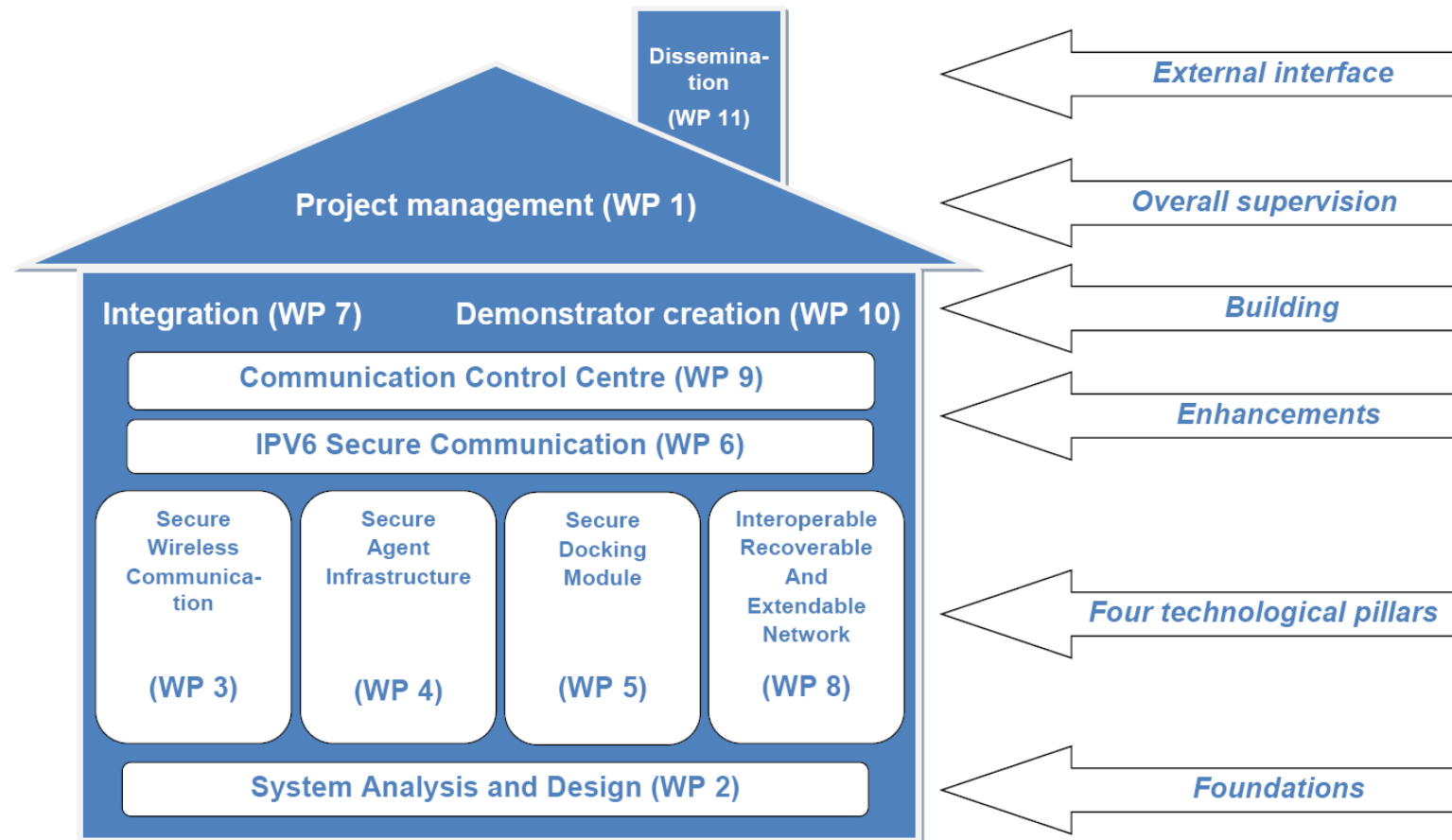


Business Stakeholders



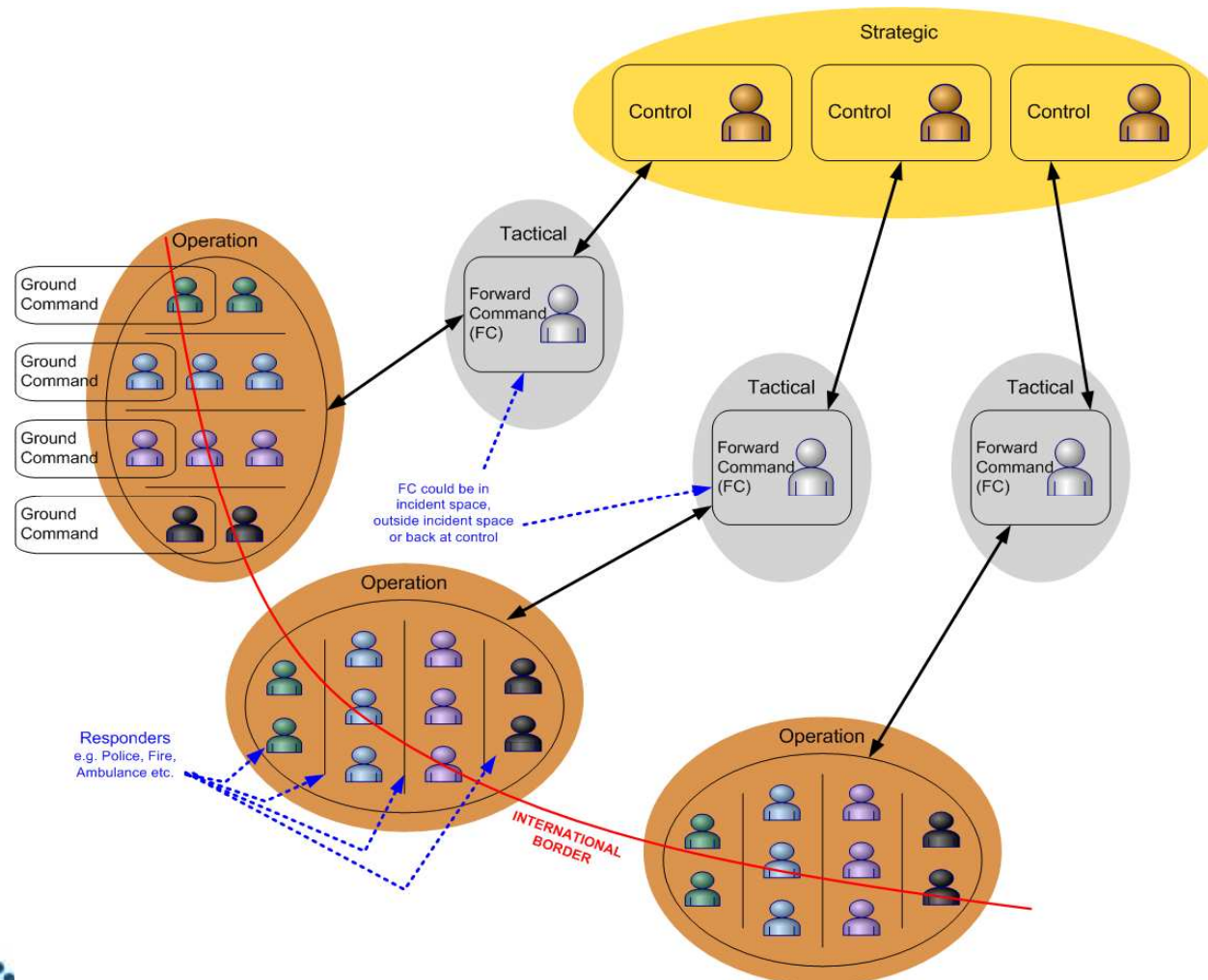


Project Overview





Typical schema for Crisis Management

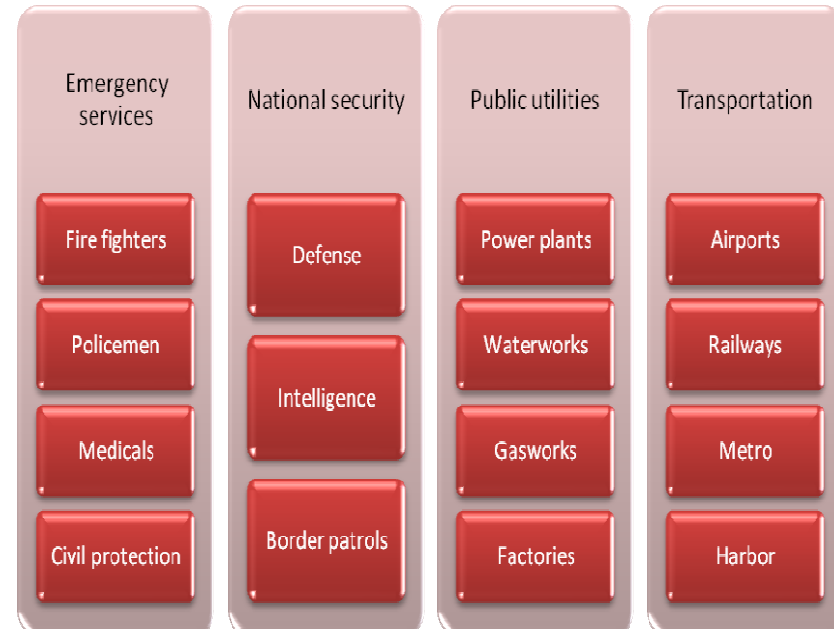
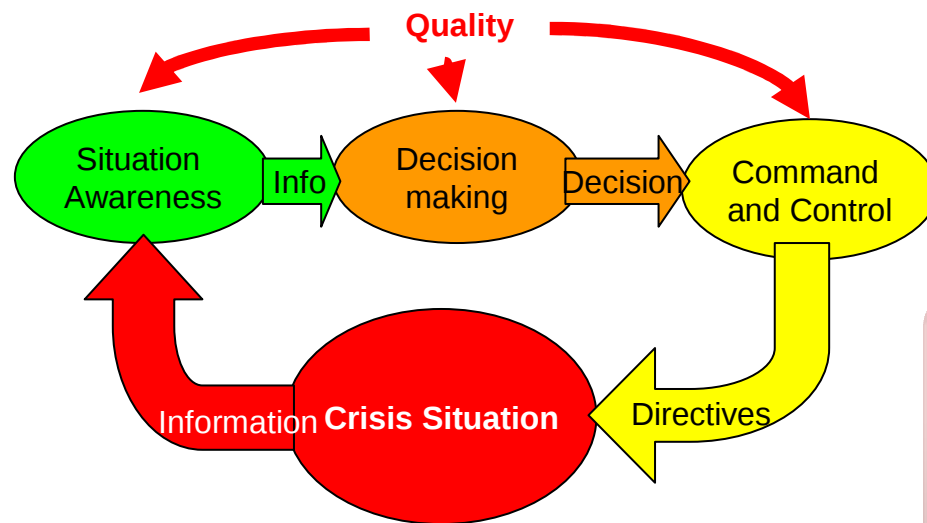


Extends across international borders

Extends across different agencies



Principle of Crisis Management

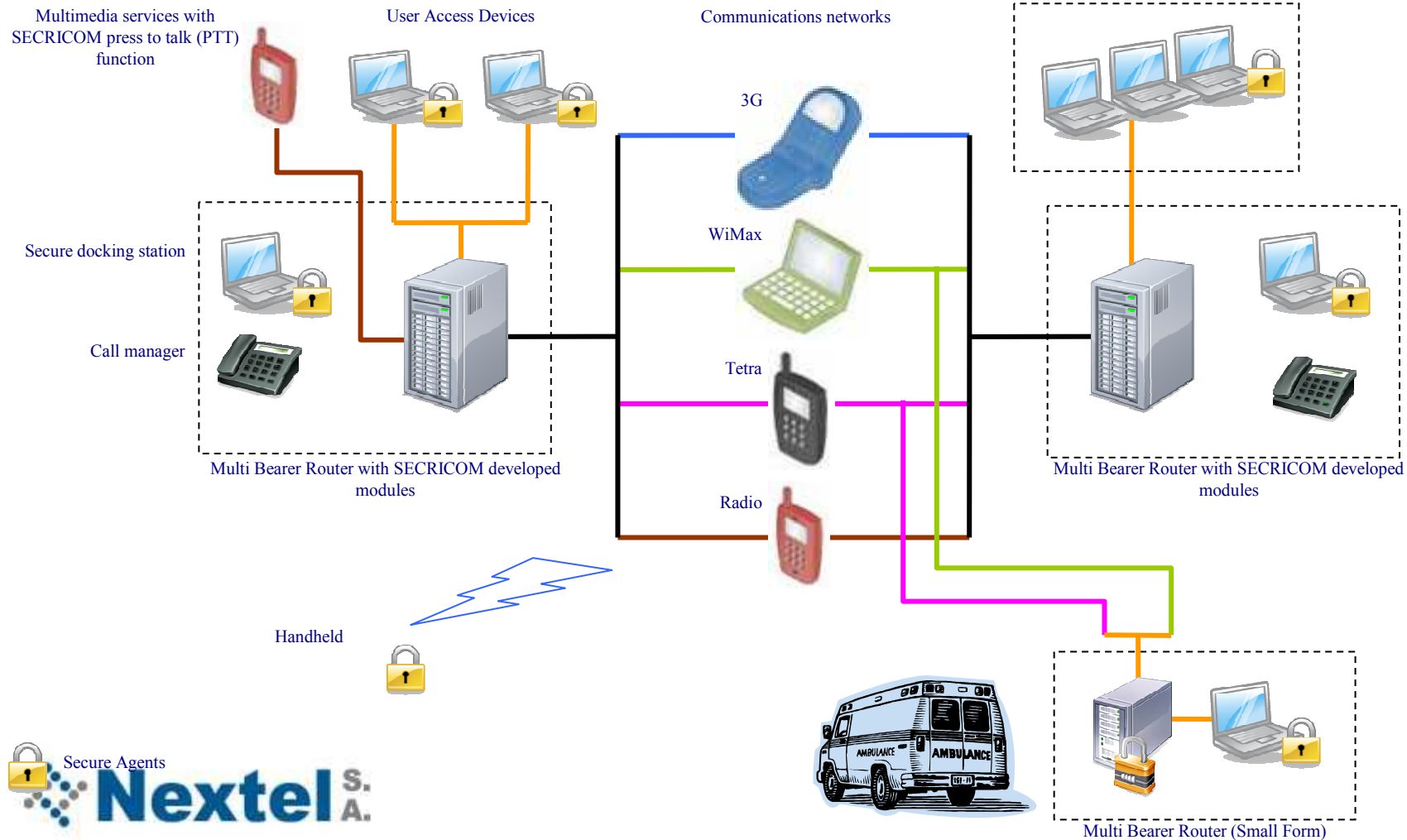




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SECRICOM Control and Management Centre





Muito obrigado !

Thank you !

ESKERRIK ASKO !

¡ Gracias !

Moltes gracies !