just...

...the real world

e-CIS C2
THE INFORMATION SYSTEM
## FOR THE LAND FORCES

THALES

e-CIS C2: cornerstone of Battlefield Digitisation

- superiority in situational awareness and development of Common Operational Picture
- validated interoperability with deployed allied systems (MIP and ADatP-3) while overcoming technical barriers
- generation of orders to combat and support units
- lower-level report compilation (situational awareness, operational capability, logistic reports, hostile elements, environment, etc.)

e-CIS C2: shortening the planning – decision – action loop

- groupware in operational centre
- supports latest order generation and decision-making procedures
- logistics resources planning and tracking
- supports information exchange and distribution to all players
- continuity of command: easy handover and 24/7 operation
- progressive workstation add-in without interrupting service
- same tools used in all phases
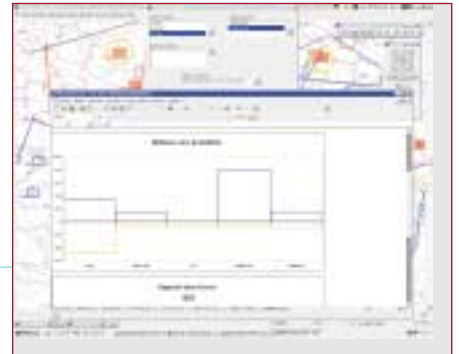
e-CIS C2: supporting all operational centre command functions from LCC* to battalion level

- planning, decision support and action
- intelligence, fire support, engineering, movement and logistics
- NBC, 3D, ACM, MOOTW* and PSO*
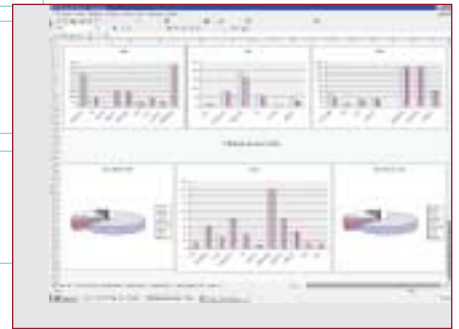
e-CIS C2: adapting to any national context

- supports legacy national messaging system
- interfaces with civil and military networks
  - PSTN, GSM, TETRA, ISDN
  - Inmarsat and Syracuse
  - RITA 2000
  - HF and VHF radios: PR4G, Carthage, BAMS
- installed on any Windows 2000™ platform in permanent infrastructure or shelter
- multilingual user interface (English, French, German available, other languages possible)
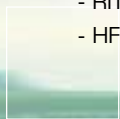
LOGISTICS AND MOVEMENTS
CONTINUITY OF COMMAND

LCC: Land Component Command
MOOTW: Military Operations Other Than War
*PSO: Peace Support Operations*

CIVIL & MILITARY OPERATIONS

PLANNING

e-CIS C2 DRAWS EXTENSIVELY ON COMMERCIAL STANDARDS

- NATO APP6A symbology
- APP9 and ADatP-3 baseline 11 messaging
- MIP interoperability and LC2IEDM NATO data model
- DIGEST and NIMA raster, vector and elevation maps
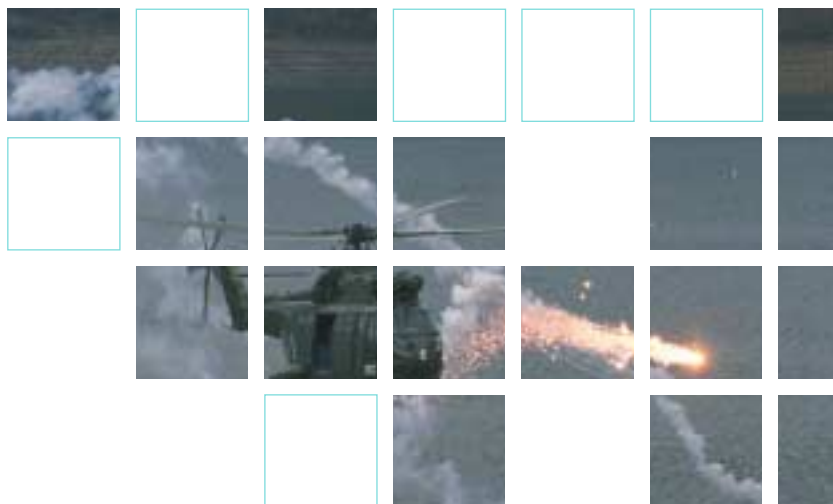- HTML and XML web technologies

e-CIS C2 makes extensive use of Microsoft™ technologies (Active Directory™, .Net™ and more) to facilitate integration of third-party applications.
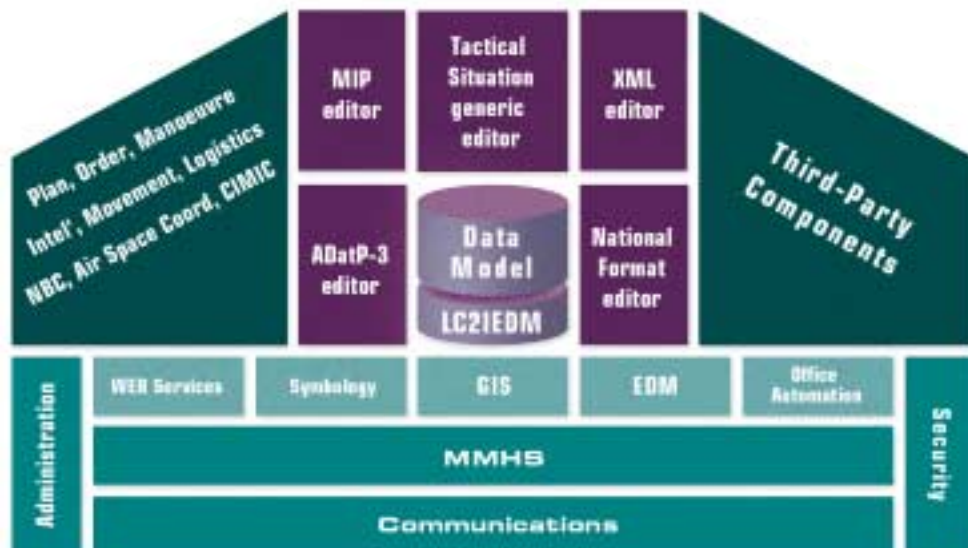
RECOGNISED MILITARY AND

- SMTP, X.400-88 messaging protocols
- TCP-IP, X.25, IP-over-X.25 transport
  protocols
- standard COTS software: Windows
  2000™, MS Office™, MS Exchange™,
  Systematics IRIS™, Oracle™

e-CIS C2: LEVERAGING MORE THAN FIFTEEN YEARS OF COMMAND SYSTEMS EXPERIENCE

Thales is ideally positioned to support customers at every stage of their
C4I programmes, from national system definition to operational deployment
and transfer of know-how.
Totally modular system design offers extensive opportunities for multinational
cooperation in any phase of programme development and deployment.

e-CIS C2 KEY FACTS

- more than 3,000 installations worldwide
- all types of deployment from stand-alone workstation to major
  operational centres with 300 networked users
- more than 50 permanent sites equipped
- user training provided for more than 4,000 officers in several
  countries to date
- used in national and international exercises (Aigle, Guibert, Cobra,
  MIP, Common Effort, JWID, etc.) and by expeditionary forces
  (Kosovo, Bosnia, etc.)

COMMUNICATIONS

COMMAND

LATEST DEVELOPMENTS

- higher level of automation for operational functions
- added functionality for peacekeeping missions, operational
  communications and risk management
- systematic groupware approach inside operational centre
- global administrative tools
- state-of-the-art architecture (XML, Windows 2000™, web
  technologies)
- MIP interoperability and LC2IEDM NATO data model
- mapping workshop for map preparation in the field
- common software core for interoperability with other e-CIS suite
  components
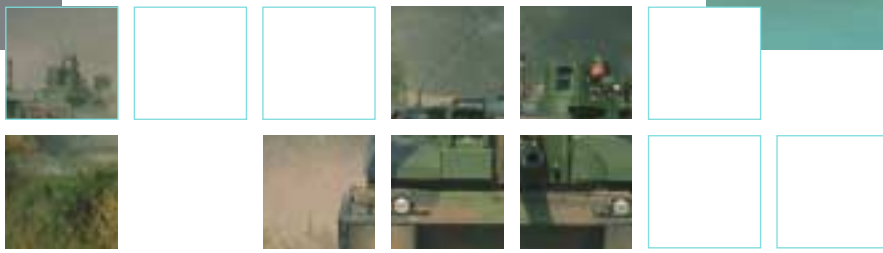
e-CIS C2: THE INFORMATION SYSTEM FOR THE LAND FORCES OF THE 21ST CENTURY

Designed to meet the requirements of major units in peacetime, crisis and war, e-CIS C2 combines the efficiency of dedicated applications with the flexibility of COTS software solutions.

The system can be deployed in a shelter or as part of a permanent infrastructure. It can be installed on standard commercial or ruggedised hardware and is suitable for both large-scale operational centres and mobile command structures (laptop).

ALLIES

AIR

NAVY

AAA

e-cis

ARTY

JOINT

BMS

e-CIS C2 is the tactical and operational component of the e-CIS command suite from THALES. It is available for all operational centres from battalion to LCC level.

e-CIS C2 comes in several versions for the French (SICF), Canadian (ATS) and Belgian (SICBEL) armed forces and is under evaluation by a number of other nations.

As the weapon system back-end at command post level, SICF is now in service with all major units of the French Army and allied forces under French command in Bosnia and Kosovo.

ATS is the Information Management subsystem of the Canadian Land Forces Command System. It is expected to be deployed from Division to Battalion after field trials in May 2002.

SICBEL is the Belgian e-CIS C2 version for Division and Regiment Command Posts as well as for mobile liaison officers.
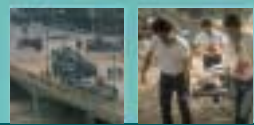
THALES

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