

## CC-IS V2.0 Control Centre Information Server



- ✓ Enables the use of TETRAPOL tactical information in your own dispatch positions (subscribers, groups, communications, coverages, infrastructure)
- ✓ Provides a high level interface for partner dispatch positions or CAD (computer aided dispatch) suppliers
  - user use-case oriented interface so that the supplier can focus on its tasks
  - specific TETRAPOL components hidden
- ✓ Offers an easy use
  - interface using well known protocols / standard CORBA
  - CC-IS Software Developer Kit ordered separately to make easier the use of CC-IS by the Control Centre provider
- ✓ Enables a modular Control Centre architecture
  - client-server architecture
  - flexible location of the server and its clients
- ✓ Guarantee a secure investment to CAD suppliers
  - stable interface with migration path to future TETRAPOL generations
  - independent developments and product life of TETRAPOL system and CAD applications

## Features

- CC-IS (Control Centre Information Server) enables the integration of applications developed by third parties with TETRAPOL system
  - Control centres
  - CAD (computer aided dispatch)
  - Dispatching applications
- CC-IS is a multi user interface, allowing the parallel access to the tactical components of TETRAPOL system.
- CC-IS offers the following services
  - Subscribers: get the list of subscribers, with all their characteristics and the cell in which each subscriber is registered,
  - Groups and sub-groups: get the list of groups or sub-groups of subscribers, with all their characteristics,
  - Coverages: get the list of radio coverages and their characteristics (regional networks and cells included, administrative state),
  - Group communications: get the list of group communications (talkgroups, conferences) and emergency communications, their characteristics and their operational state,
  - Infrastructure: get the list of regional networks and cells and their operational states,
  - Private calls: get the list of private calls, possibility to release them,
  - Addresses: get the list of addresses, the list of functional addresses, the list of implicit addresses, the list of functional address lists, and get the type of an address.

## Additional essential elements to be ordered separately

- PC with OS and Service Keeper if needed,
- Cables to connect LANs to CC-IS Server and to connect CC-IS Server to CC-IS Client.

## Components and interfaces

- CC-IS software:
  - CC-IS server module to provide the interface to the client application,
  - Pack Software to manage CC-IS client profiles,
- User right for TAO runtime embedded software (CORBA V2.3).

## Other CC-IS linked kit to be ordered separately

- CC-IS Software Developer Kit (SDK)
  - documentation: external interface, programmer's guide
  - CC-IS simulator (Windows 2000/XP), simulator's guide
  - example code (Visual C++ 6)
  - 1 day training on the interface
  - telephone support for the partner development teams

## Technical specifications

### CC-IS PC hardware configuration:

Microprocessor	XEON 1 GHz
RAM	512 MB
Hard disk	20 GB
Operating system	Windows 2003 Compatible Windows 2000 SP4
ETHERNET interfaces	2

### LAN:

LAN to the TETRAPOL Mediation Device
- LAN or WAN (with reduced performances)
LAN to the external clients
- LAN or WAN
- 2Mbits/s, 64kbits/s for very small networks