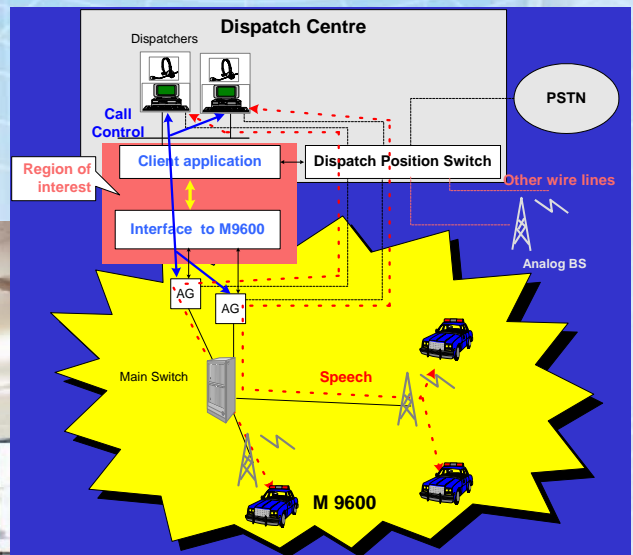


# CC-API

## TETRAPOL Control Centre Application Programming Interface



- ✓ Enables the management of voice communications over the TETRAPOL network
- ✓ 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-API Software Developer Kit ordered separately to make easier the use of CC-API 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-API (Control Centre Application Programming Interface) enables the integration of applications developed by third parties with TETRAPOL system:
  - Control centres in public safety networks,
  - CAD (computer aided dispatch) in public urban transport,
  - Dispatching applications.
- CC-API is a multi user interface, allowing the parallel access to the TETRAPOL system.
- CC-API offers the following services:
  - control the voice communications: enter / leave group communications and individual calls,
  - monitor the communications: get signalling of active group communication and incoming individual calls,
  - manage emergency communications: receive emergency statuses from radio subscribers, set-up / release emergency communications,
  - use supplementary voice functions: call forwarding, ambience listening, intrusion, merge of communications, scanning,
  - use messaging application: send / receive text messages SU-MS and statuses ST-MS.

## Additional essential elements to be ordered separately

- Computers
- Cables to connect LANs to the Mediation Device and to the Access Gates
- Terminals for Access Gates (AG) and possibly Line Access Gateway (LAG)

## Components and interfaces

- CC-API software:
  - CCAPI server: it provides the interface to the client application and controls the interface to the AG. A 2 layer architecture is possible, enabling redundancy.
- Licence for ORBIX runtime embedded software,
- CORBA standard 2.1 offered, compatible to CORBA standard 2.3.

## Options to be ordered separately

- CC-API Software Developer Kit (SDK)
  - documentation: external interface, programmer's guide
  - CC-API simulator (Windows NT)
  - example code (Visual C++ 6)
  - 2 days training on the interface
  - telephone support for the partner development teams

## Technical specifications

### CC-API PC hardware configuration:

Microprocessor	P5, 700 MHz
RAM	512 MB
Hard disk	6,4GB
Operating system	Windows 2000
ETHERNET interfaces	2

### LAN:

LAN to the terminal AG:
- local LAN 10Mbits/s
LAN to the external clients:
- LAN or WAN (64kbits/s)