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Eurocom Telecomunicazioni Looking Forward



UniqueSWAP
Communication for C2 applications



MOTOROLA
SOLUTIONS
PLATINUM CHANNEL PARTNER

*performance
look*

Eurocom Telecomunicazioni

evolves its application for control rooms with a new tool developed on the basis of current technological and operating needs.

*evolutions
features*

Enhanced control room

UniqueSWAP is a new Eurocom Telecomunicazioni application suite dedicated to control rooms. It is a new tool developed and integrated in close contact with operators, capable of speeding up and meeting the most complete technological and organizational

*TETRA system
protocol
multi-tasking
technology*

requirements. Swap has been designed to support TETRA digital channels.

Compared to the latest applications on the market, Swap is a more dynamic one in terms of functions and operations.

The operator interface has been designed according to a user-



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friendly logic, and allows for the simple management of multiple channels and/or radio groups.

Proposed with client/server or cloud technology, the unit can record all radio or LTE traffic through an IP LAN or WLAN interconnection.

Installation flexibility and expansion scalability ensure continual upgrading of the functions, channels and operator stations.

The server that will manage all the logical operations of the application and will act as database storage can acquire audio information and data from the radios in the private network, storing and managing the information administered by a potentially unlimited number of clients.

Modules

The Swap software is equipped with functions to manage voice channels and localize terminals on the territory through IP connection.

Swap allows for individual communications (by December 2017 on the roadmap) rather than group calls and free or pre-encoded text messages with acknowledgement of receipt. All network traffic is stored in the database.

Swap allows for the interconnection between applications of third parties, provided they have a special license issued by Eurocom Telecomunicazioni.

Swap uses a mapping module capable of identifying devices equipped with integrated and active GPS. As a result, terminals can be queried manually by the operator or through a special automatic function, as well as by a cyclically programmed command or following a verified Man Down alarm event.

New interface

The new interface uses a 'green' formula. It comes on a black background with white text and orange titles by default. Light blue is used to for the displays that simulate radio functions.

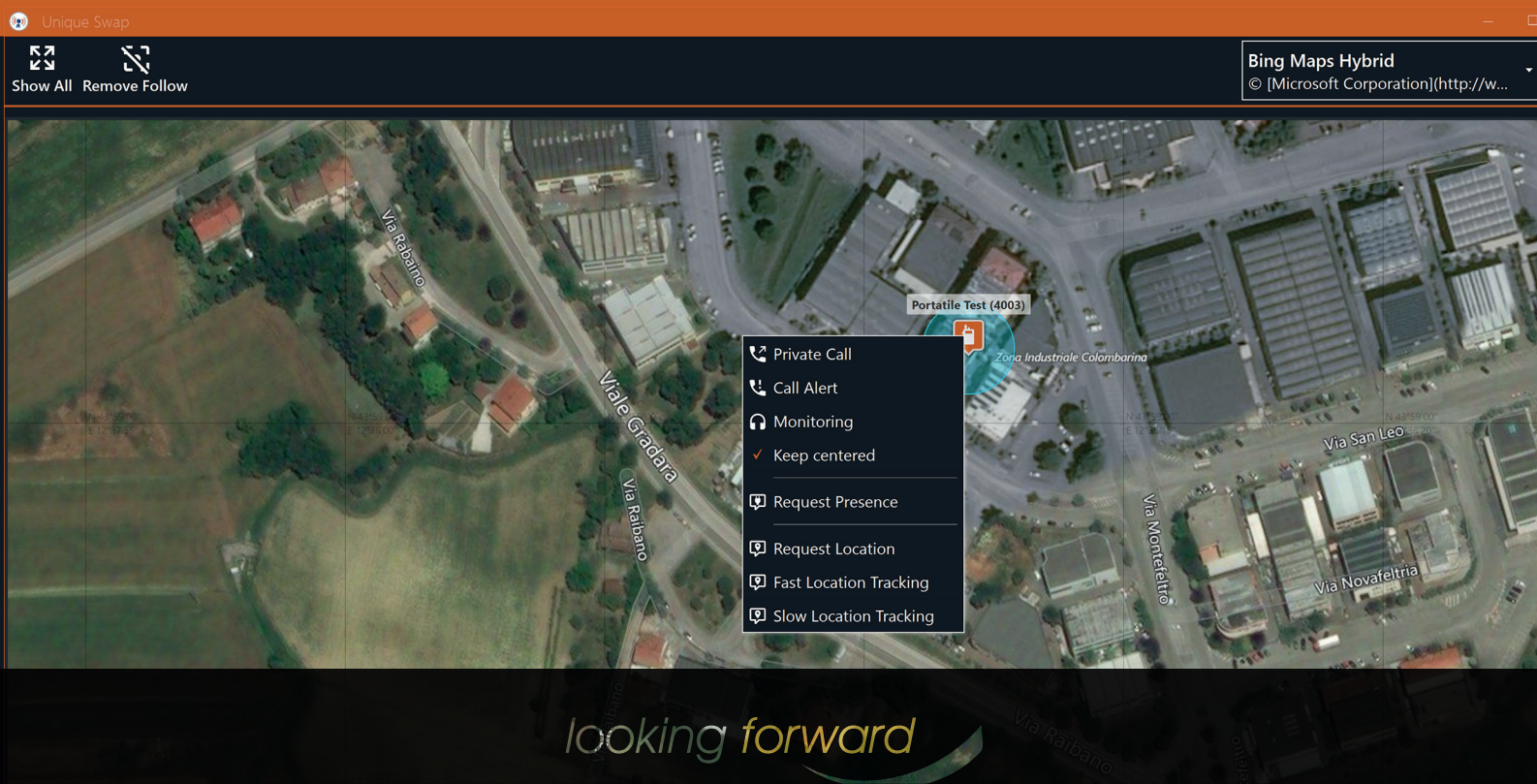
When observing the homepage from left to right, you can see an icon menu in the first column, used to manage the filter of events listed in the second column: GPS, calls, notifications or messages, etc...

The third column is dedicated to registries and the fourth one to iterative call activities and radio channels.

Functions

The unit operator can manage registries with call and message functions, as well as the GPS position on the map where the historical database can be queried to trace the route of a radio/user.

By means of an advanced search tool, the operator can



also access the management of events in the electronic register and the playback of recorded communications.

The operator station for radio dispatch can make and manage multiple-vector calls such as private, all and group calls.

The software implements an electronic register that can notify all logs occurred on the connected channels.

An integrated audio matrix can connect channels of different networks with each other in real time, connecting the users of different networks, such as: CRI vs VVF, DPC vs PL, or a TETRA channel with an LTE channel. It is perfect for a single room of the 112 emergency services.

Free or pre-encoded text messages can be managed on the video, and as for any event they can be filtered for conversation when necessary, while alarms and emergency calls have priority in the management of events.

Control map

Swap Control Map is a module dedicated to the mapping of devices equipped with GPS. The operator station can access and manage registry and mapping details from the system with particular emphasis on the road network, offering a quick and dynamic vision of the territory. The maps used are cloud base ones, capable of providing an effective and handy operating tool.

Available soon

SwApp will operate directly on the control unit. SwApp is an Android/iOS application, now independent, which allows for a PTT call through the LTE network, capable of connecting radio users with smartphone users, sharing voice, data, and GPS Locations.

A plug-in to interface the Verbatel suite.

Geofence and outdoor/indoor route management;

POI management;

"Man down", "lone man" and "inactive man" management;

Indoor localization;

Transfer of coordinates to TomTom Professional;

Camera capture and alarm management;

Patrol management;

Enable channel;

Exporting audio tracks;

Managing means: equipment, fuel, etc.;

Detector and time & attendance terminal;

Work status and route stage management;

Reservation of services from operator or web for services to citizens;

Waybill, travel;

Collection of off-line data and synchronization.

The screenshot displays the 'Unique Swap' software interface. The top bar includes 'Unique Swap', 'Admin', 'Settings', and 'Toggle Autoswitch'. The left sidebar lists navigation options: Add, Duplicate, Remove, Edit, Last Events, Log History, Positions History, Audit, Registries, Operators, Roles by Operator, Radio, Groups, Radio to Group, Roles, Organizational Units, Radio by O.U., Groups by O.U., Operators by O.U., Technology, and Status Messages. The main window features a search bar and a table of operators:

#	Operator	Role
3	Admin	ADMIN
2	Demo	ADMIN
1	Demo	OPER
4	operator	OPER

A yellow overlay with the Eurocom logo and contact information is positioned in the lower right. The logo includes the text 'EUROCOM', 'telecomunicazioni', and 'looking forward'. The contact details are:

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The bottom of the interface shows social media icons (Twitter, YouTube, Facebook, LinkedIn, Instagram) and the company name 'Eurocom Telecomunicazioni' with its address 'Via Carpegna, 9 47838 Riccione RN - Italia'. The footer also includes the phone number 'T +39.0541.694212', the fax number 'F +39.0541.694211', the email 'marketing@eurocomtel.com', and the website 'www.eurocomtel.com'.