

A woman with long dark hair, wearing a headset, is looking intently at a computer monitor in a control room. The background is dark with some blurred lights and equipment.

SMARTPTT EXPRESS

NEW DISPATCH SOLUTION FOR TETRA RADIO SYSTEMS

All a dispatcher needs in a single app

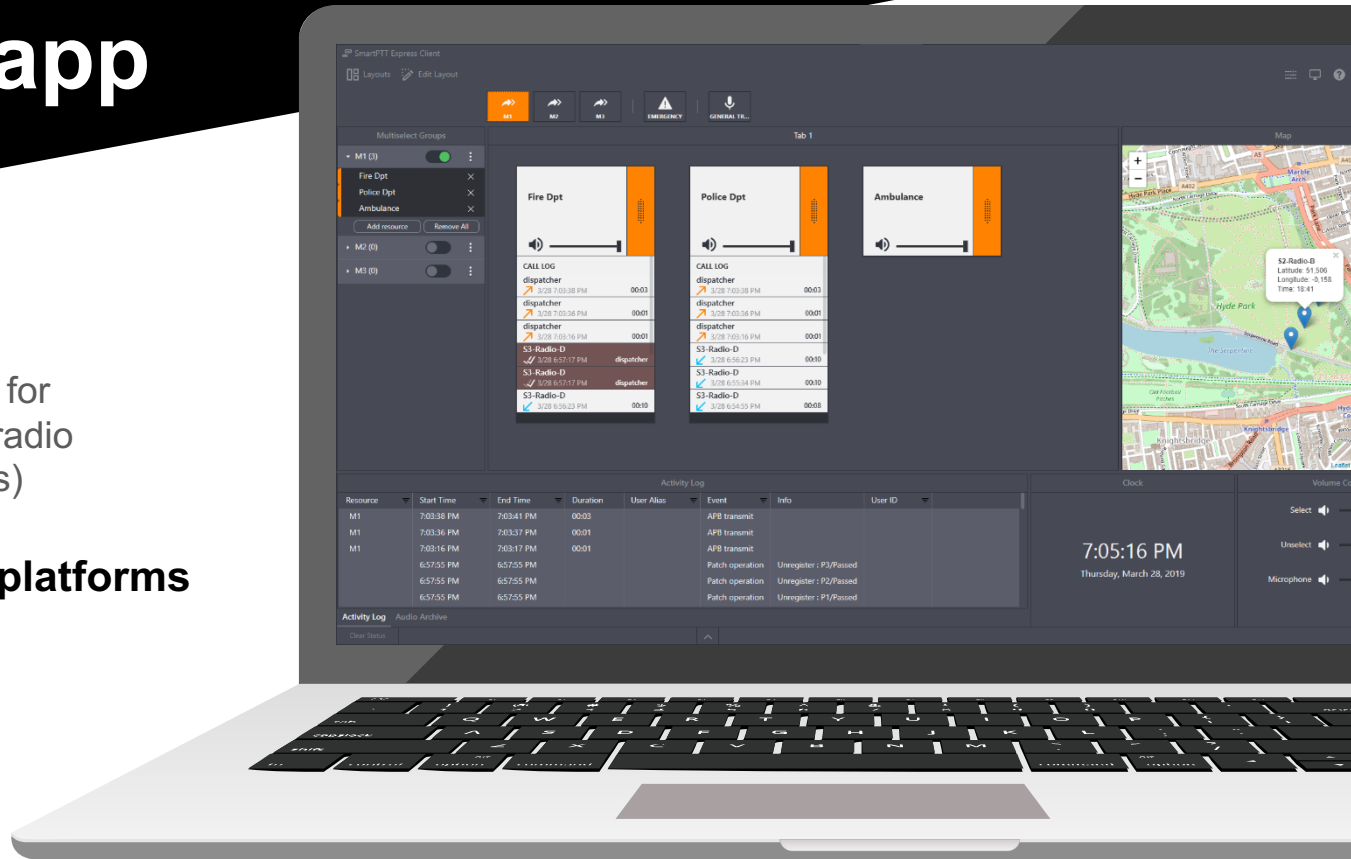
SmartPTT Express

is a flexible dispatch console for DIMETRA™ (TETRA digital radio system by Motorola Solutions)

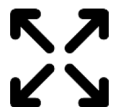
Supported DIMETRA™ platforms

- Express
- Compact
- Micro
- X Core

(with agreement from MSI)



BASIC FUNCTIONALITY



CRITICAL INSTANT COMMUNICATIONS

- Individual calls
- Group calls (including outgoing call to several talk groups)
- Patch groups
- Emergency alarms and calls
- Prioritized calls
- System-wide call
- Text messaging



DISPATCH CONTROL

- **Highly customizable interface**
- Flexible output audio channel configuration
- Volume control per talk group
- Activity log
- Radio status messages
- Touchscreen support



SYSTEM SECURITY

- Centralized event log
- Role-based access (dispatcher, privileged dispatcher, supervisor)
- Authentication using Windows user credentials
- Flexible resource access rights configuration

EXTENDED FUNCTIONALITY



VOICE RECORDING

Data storage and
easy reconstruction
of incident details



AMBIENCE LISTENING

Situation awareness
gain for subscribers'
safety



GPS POSITIONING

Exact location
of the radio
subscribers
displayed on a map



SCADA

Remote equipment
control and asset
management at
industrial facilities



DISPATCH SERVICES

Unlock the potential of DIMETRA™ system at its fullest



**CALL
TYPES**

GROUP, EMERGENCY, INDIVIDUAL

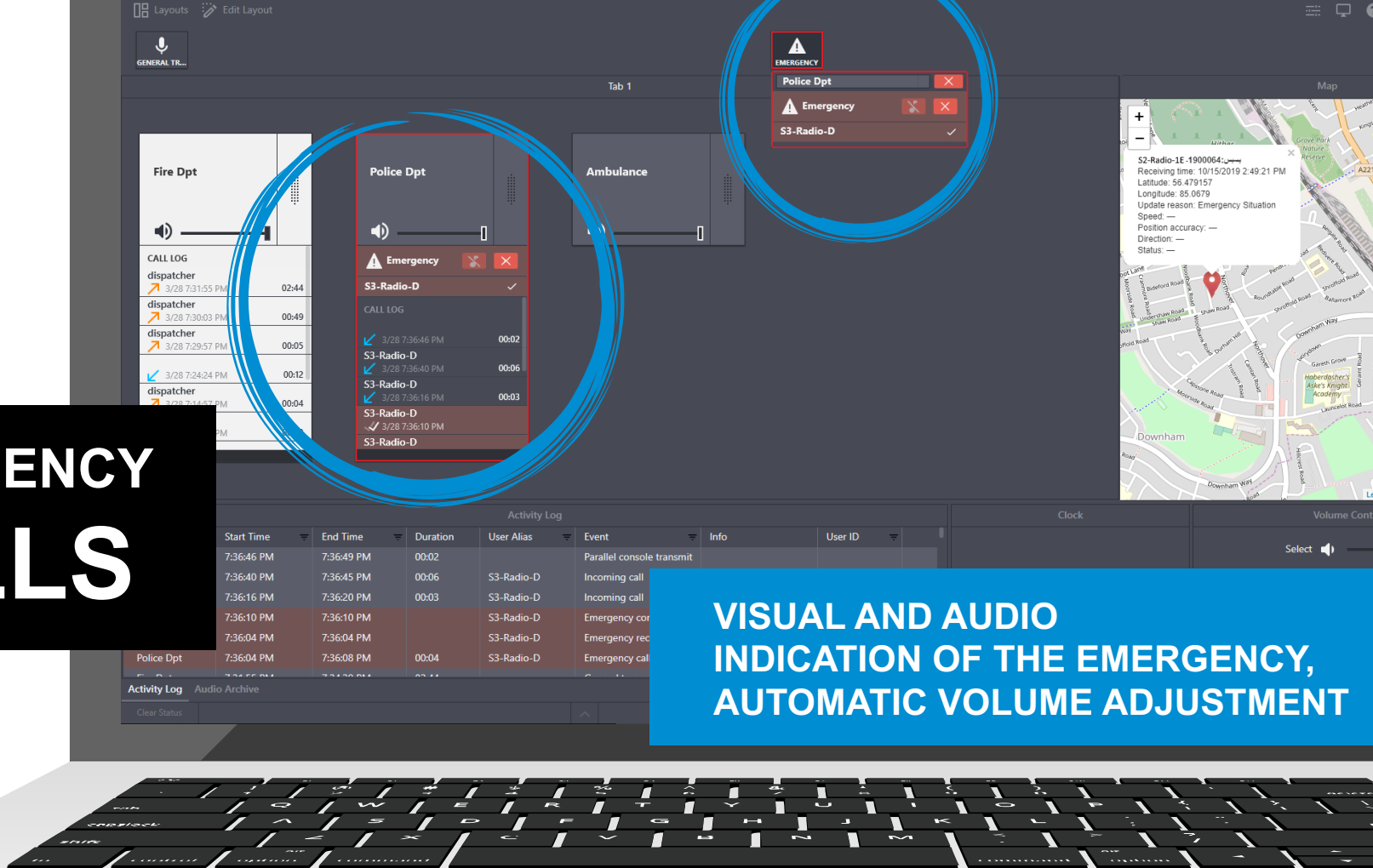
TALK GROUPS

The screenshot displays a software interface for managing radio talk groups. At the top, there are navigation tabs for 'Layouts' and 'Edit Layout'. Below this is a toolbar with icons for 'GENERAL TR...', 'First respon...', 'All fire depts', 'Fire depts 1-2', 'Fire depts 3-4', 'All fire depts', and 'EMERGENCY'. The main area is a grid of talk group buttons, organized into districts: Western, Eastern, South, and Northern. Each button includes a speaker icon and a volume slider. A blue oval highlights the top row of buttons. A 'Patch Monitor' table is visible at the bottom, and a 'Volume Control' section is on the right.

Patch Position	Patch	Resources
Central Station	All fire depts	Fire dept 5 Fire dept 6 Fire dept 7 Fire dept 8
Central Station Reserve Station	Fire depts 1-2 Fire depts 3-4	-- Fire dept 4 Fire dept 3

CONVENIENT WORKSPACE
FOR SEVERAL DOZENS
OF TALK GROUPS

EMERGENCY CALLS



VISUAL AND AUDIO INDICATION OF THE EMERGENCY, AUTOMATIC VOLUME ADJUSTMENT

INDIVIDUAL CALLS

The screenshot displays a dispatch software interface with several key components:

- Top Bar:** Includes 'Patch Groups' (GENERAL TR..., First respon..., All fire depts, Fire depts 1-5, Fire depts 1-2, Fire depts 3-4, All fire depts, EMERGENCY) and district tabs (Western district, Eastern district, South district, Northern district).
- Call Controls:** Individual call windows for 'Ambulance', 'spb-z18-tg32', 'Private Call S2-Radio-B', and 'Fire Dpt5'. The 'Private Call S2-Radio-B' window features a blue circle highlighting the 'FDX' button.
- Activity Log:** A table showing call events with columns for Source, Start Time, End Time, Duration, User Alias, Event, Info, and User ID.
- Volume Control:** Located at the bottom right, with 'Select Speaker' and 'Unselect Speaker' sliders.

Source	Start Time	End Time	Duration	User Alias	Event	Info	User ID
Patch operation	4:41:18 PM	4:41:18 PM			Patch operation	Deactivate : Fire depts 1-2/Passed	
Private outgoing call	4:40:51 PM	4:40:51 PM		S2-Radio-B	Private outgoing call	Rejected call	1900061
APB transmit	4:38:48 PM	4:38:49 PM	00:01	S2-Radio-B	APB transmit		
Private outgoing call	4:35:53 PM	4:36:19 PM	00:27	S2-Radio-B	Private outgoing call		
Incoming call	4:35:21 PM	4:35:25 PM	00:04	S2-Radio-B	Incoming call		
General transmit	4:35:09 PM	4:35:11 PM	00:01		General transmit		
Incoming call	4:35:01 PM	4:35:04 PM	00:03	S2-Radio-A	Incoming call		
Incoming call	4:34:54 PM	4:34:59 PM	00:05	S2-Radio-A	Incoming call		
Parallel console	4:34:31 PM	4:34:33 PM	00:02	Reserve Station	Parallel console		

**FULL-DUPLEX AND HALF-DUPLEX
CALLS BETWEEN RADIO AND
DISPATCHER**

PRIVATE CALL INITIATION BY RADIO ID

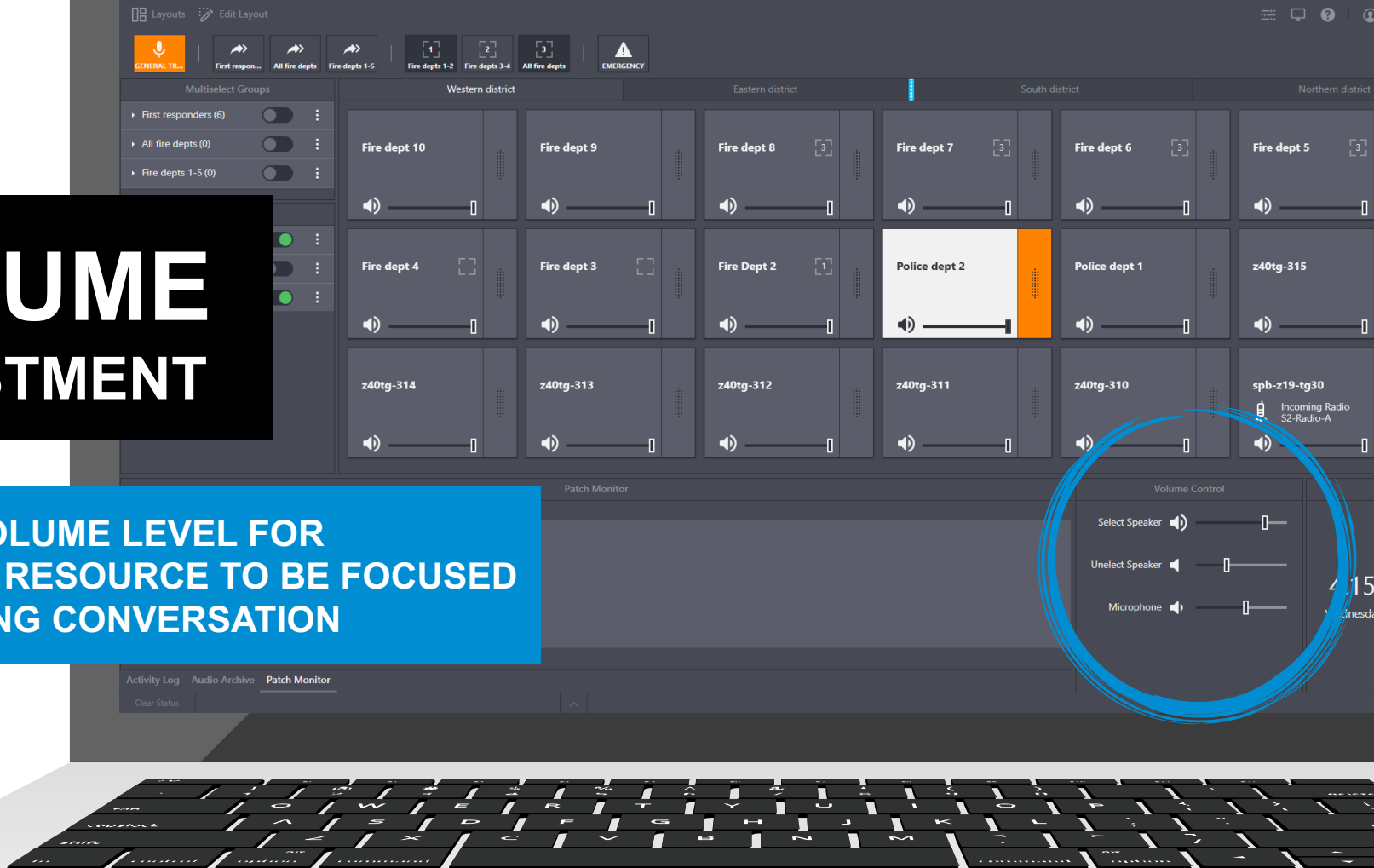
MORE CONVENIENT
CALLS INITIATION

ID IS DISPLAYED
TOGETHER WITH RADIO ALIAS
ON THE PANEL TILE



VOLUME ADJUSTMENT

ADJUST VOLUME LEVEL FOR
SELECTED RESOURCE TO BE FOCUSED
ON ONGOING CONVERSATION





OUTGOING



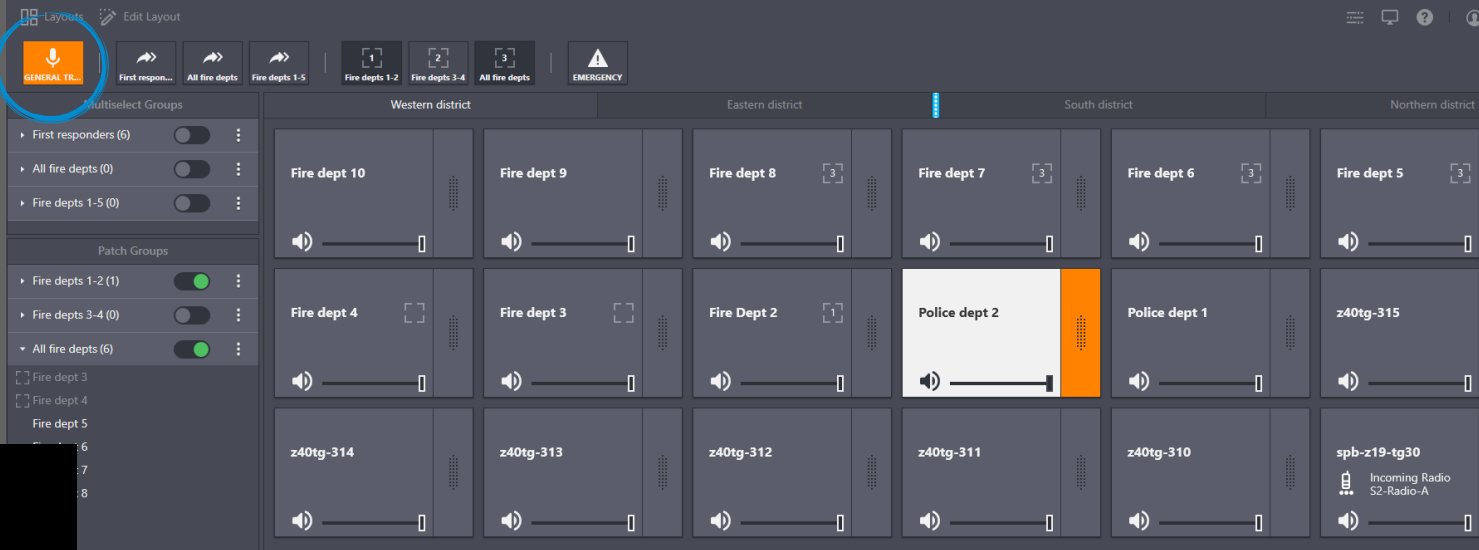
CALL



OPTIONS

GENERAL, APB, INSTANT

GENERAL TRANSMIT



ORIGINATE OUTGOING CALL TO SINGLE OR MULTIPLE TALK GROUPS USING

- FOOT SWITCH
- PTT BUTTON ON MIC
- ON-SCREEN BUTTON

Patch Monitor

Position	Patch	Resources
Station	All fire depts	Fire dept 5 Fire dept 6 Fire dept 7 Fire dept 8
Station	Fire depts 1-2	--
Station	Fire depts 3-4	Fire dept 4 Fire dept 3

Activity Log Audio Archive Patch Monitor

Clear Status

APB TRANSMIT

The screenshot displays the APB Transmit software interface. At the top, there are navigation buttons for 'Layouts' and 'Edit Layout'. Below this is a toolbar with various icons, including a microphone, a red arrow icon (circled in blue), and several 'Fire depts' icons. The main area is a grid of talk groups, organized by district: Western, Eastern, South, and Northern. Each talk group has a speaker icon and a volume slider. Some talk groups, such as 'Fire dept 3', 'Fire Dept 2', 'Police dept 2', and 'Police dept 1', are highlighted with an orange vertical bar. Below the grid is an 'Activity Log' table with columns for 'Source', 'Start Time', 'End Time', and 'Duration'. The table contains several entries with timestamps and durations. At the bottom, there are tabs for 'Activity Log', 'Audio Archive', and 'Patch Monitor', along with a 'Clear Status' button.

Source	Start Time	End Time	Duration
ulance,Police dept 1,Police dept 2,Fire Dept 2,Fire dept 3,Fire dept 4	10:34:12 AM	10:34:16 AM	00:04
ulance,Police dept 1,Police dept 2,Fire Dept 2,Fire dept 3,Fire dept 4	10:33:49 AM	10:33:51 AM	00:01
ulance,Fire Dpt5.spb-z19-tg30.spb-z18-tg32.spb-z18-tg31.spb-z18-tg30	10:33:24 AM	10:33:27 AM	00:03
ulance,Fire Dpt5.spb-z19-tg30.spb-z18-tg32.spb-z18-tg31.spb-z18-tg30	10:33:18 AM	10:33:20 AM	00:02
	10:31:34 AM	10:31:34 AM	
	10:31:34 AM	10:31:34 AM	
	10:31:34 AM	10:31:34 AM	

**HIGH PRIORITY VOICE
ANNOUNCEMENT TO SEVERAL
TALK GROUPS WITHOUT
SELECTION CHANGE**

INSTANT TRANSMIT

The screenshot shows a dispatch software interface with a grid of departments. A blue circle highlights 'Fire Dept 2' in the 'Eastern district' column. The interface includes a top toolbar with 'GENERAL TR...', 'First respon...', 'All fire depts', 'Fire depts 1-5', 'Fire depts 1-2', 'Fire depts 3-4', 'All fire depts', and 'EMERGENCY'. A left sidebar shows 'Multiselect Groups' with 'First responders (6)' and 'All fire depts (6)', and 'Patch Groups' with 'Fire depts 1-2 (2)' and 'Fire depts 3-4 (0)'. The grid contains departments like 'Fire dept 10' through 'Fire dept 5', 'Fire dept 4' through 'Fire Dept 2', 'Police dept 2', 'Police dept 1', 'Ambulance', and various 'z40tg' units. An 'Activity Log' table is visible at the bottom.

	Start Time	End Time	Duration	User Alias	Event	Info
Fire dept 1, Police dept 2, Fire Dept 2, Fire dept 3, Fire dept 4	10:34:47 AM	10:34:51 AM	00:04		APB transmit	
Fire dept 1, Police dept 2, Fire Dept 2, Fire dept 3, Fire dept 4	10:34:12 AM	10:34:16 AM	00:04		General transmit	
Dpt5.spb-z19-tg30.spb-z18-tg32.spb-z18-tg31.spb-z18-tg30	10:33:24 AM	10:33:27 AM				
Dpt5.spb-z19-tg30.spb-z18-tg32.spb-z18-tg31.spb-z18-tg30	10:33:18 AM	10:33:20 AM				
	10:31:34 AM	10:31:34 AM				
	10:31:34 AM	10:31:34 AM				

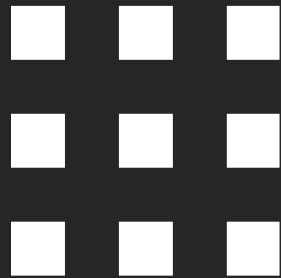
Activity Log | Audio Archive | Patch Monitor

Clear Status

Volume Control: Select Speaker [Speaker icon]

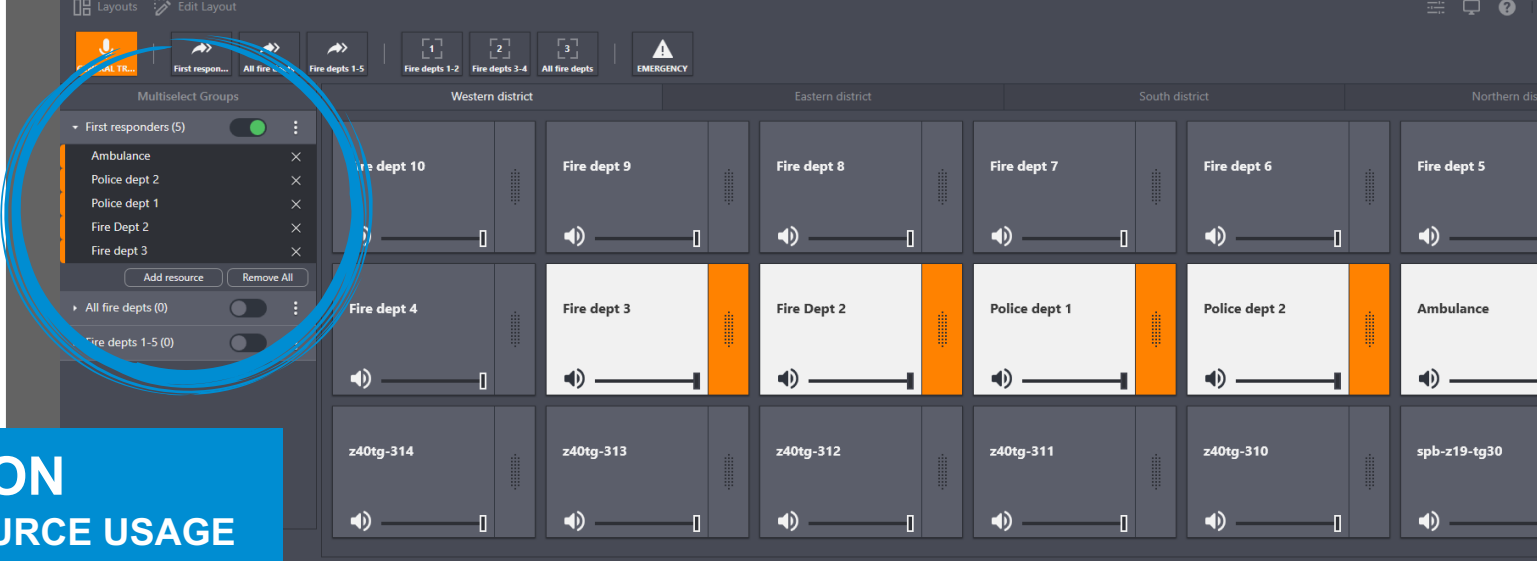
**HIGH PRIORITY OUTGOING CALL
TO A SINGLE TALK GROUP
WITHOUT SELECTION CHANGE**

ONLY DISPATCH SYSTEM CAN PROVIDE THIS



PATCHES & MULTISELECT

CALLS TO / BETWEEN SEVERAL TALK GROUPS



**OPTIMIZATION
OF RADIO RESOURCE USAGE**

**MULTISELECT
GROUPS**

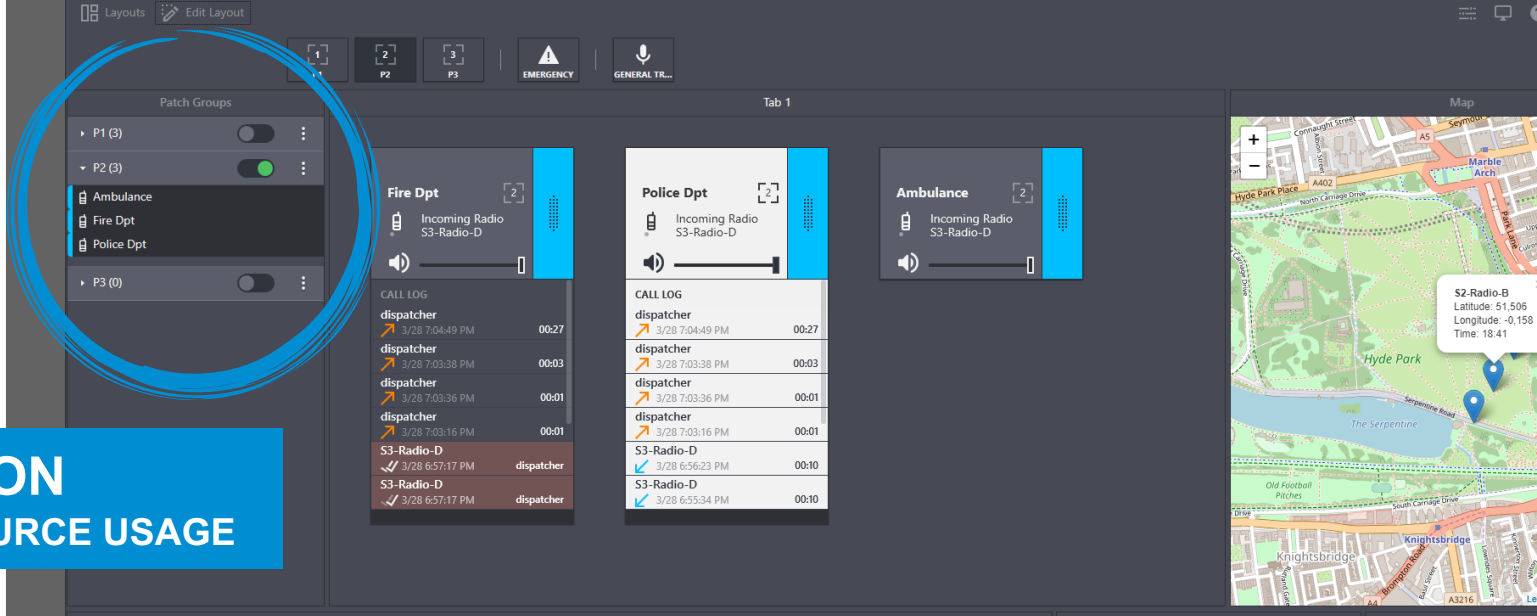
**SIMULTANEOUS OUTGOING CALL
WITH SEVERAL TALK GROUPS
USING SINGLE VOICE RADIO CHANNEL
(IN CASE REGROUPABLE MODE IS APPLIED)**



OPTIMIZATION OF RADIO RESOURCE USAGE

PATCH GROUPS

**DUBBING OF INCOMING AND
OUTGOING CALLS FROM
ONE TALK GROUP TO ANOTHER
(ONE OR SEVERAL)
(IN CASE REGROUPABLE MODE IS APPLIED)**



Start Time	End Time	Duration	User Alias	Event
7:08:14 PM	7:08:14 PM			Patch operat
7:06:23 PM	7:06:23 PM			Patch operat
7:06:23 PM	7:06:23 PM			Patch operat
7:06:23 PM	7:06:23 PM			Patch operat
7:04:49 PM	7:05:16 PM	00:27		APB transmi
7:03:38 PM	7:03:41 PM	00:03		APR. transmi

**OBSERVE AND CONTROL
ALL PATCHES IN
THE ENTIRE SYSTEM**

**ADMINISTRATIVE
PATCH
MONITOR**

Fire depts 3-4 (0) ⋮
All fire depts (6) ⋮
Fire dept 3
Fire dept 4
Fire dept 5
Fire dept 6
Fire dept 7
Fire dept 8

Dispatch Position	Patch	Resources
▼ Central Station	All fire depts	Fire dept 5 Fire dept 6 Fire dept 7 Fire dept 8
▶ Central Station	Fire depts 1-2	--
▼ Reserve Station	Fire depts 3-4	Fire dept 4 Fire dept 3

Activity Log Audio Archive Patch Monitor

Layouts Edit Layout

Fire depts 1-5 Fire depts 1-2 Fire depts 3-4 All fire depts EMERGENCY

Western district Eastern district South district Northern d

Fire dept 10	Fire dept 9	Fire dept 8	Fire dept 7	Fire dept 6	Fire dept 5
Fire dept 4	Fire dept 3	Fire Dept 2	Police dept 2	Police dept 1	z40tg-315
z40tg-314	z40tg-313	z40tg-312	z40tg-311	z40tg-310	spb-z19-tg30 Incoming Radio S2-Radio-A

Patch Monitor Volume Control

Select Speaker

**YOU CAN USE PATCH
MONITOR FOR BRIDGE
MANAGEMENT AS WELL**



DATA SERVICES

Extending dispatch capabilities

TEXT MESSAGING

GROUP AND INDIVIDUAL TEXT
MESSAGES WITH DELIVERY
AND READ REPORTS

Multiselect Groups

- ✓ Z7-Z8-TG1 (2)
- ✓ Z7-Z8-TG2 (2)
- ✓ Z7-Z8-TG3 (1)

Zone-7

Zone-8

Z7-TG-1

Z7-TG-2

Z7-TG-3
No voice supported

Private Call
Radio1

Radio1

Hi

1/30/2020 5:12:22 PM

Text Message

Resource Area Map

Activity Log

Resource	Start Time	End Time	Duration	Originator Alias	Originator ID	Target Alias	Target ID	Event	Status	Info
Z7-TG-1	10:06:01 AM	10:06:03 A...	00:03	Radio5	10005	Z7-TG-1	22	Incoming call		
Z7-TG-1	10:05:59 AM	10:05:59 A...		console-11	aleevrr	Z7-TG-1	22	Outgoing Text Message	Succeed	
Z8-TG-1	10:05:17 AM	10:05:24 A...	00:07	Radio4	10004	Z8-TG-1	22	Incoming call		
				console-11	aleevrr	Z7-TG-1	22	Outgoing Text Message	Succeed	
				console-11	aleevrr	Z7-TG-1	22	Outgoing Text Message	Succeed	
				Radio4	10004	Z7-TG-1	22	Incoming call		
								Patch operation	Succeed	Register : All

VOICE RECORDING

Tab 1 2 Audio Archive

Private Call HDX

Police Dpt

CALL LOG

S3-Radio-D
3/28 7:31:14 PM 00:20

S3-Radio-D
3/28 7:30:36 PM 00:32

CALL LOG

Dispatcher 1
3/28 7:36:47 PM 00:02

S3-Radio-D
3/28 7:36:40 PM 00:06

S3-Radio-D
3/28 7:36:17 PM 00:03

S3-Radio-D
3/28 7:36:11 PM Dispatcher 1

S3-Radio-D
3/28 7:36:10 PM Dispatcher 1

Resource	Time	Originator	Target	Duration	Emergency
Police Dpt	7:36:47 PM	Dispatcher 1	Police Dpt	00:03	
Police Dpt	7:36:40 PM	S3-Radio-D	Police Dpt	00:05	
Police Dpt	7:36:17 PM	S3-Radio-D	Police Dpt	00:02	
Police Dpt	7:36:04 PM	S3-Radio-D	Police Dpt	00:03	Emergency
Fire Dpt	7:31:55 PM	user4	Fire Dpt	00:30	
Police Dpt	7:31:53 PM	S3-Radio-D	Police Dpt	00:08	
Police Dpt	7:31:23 PM	Dispatcher 1	Police Dpt	00:08	
Private Call	7:31:14 PM	S3-Radio-D	Dispatcher 1	00:08	
Private Call	7:30:42 PM	Dispatcher 1	S3-Radio-D	00:07	
Private Call	7:30:36 PM	S3-Radio-D	Dispatcher 1	00:06	
Fire Dpt	7:30:03 PM	user4	Fire Dpt	00:30	
Fire Dpt	7:29:57 PM	user4	Fire Dpt	00:06	
Police Dpt	7:29:41 PM	S3-Radio-D	Police Dpt	00:23	
Police Dpt	7:29:22 PM	S3-Radio-D	Police Dpt	00:10	
Police Dpt	7:27:13 PM	S3-Radio-D	Police Dpt	00:13	
Fire Dpt	7:27:03 PM	S3-Radio-D	Fire Dpt	00:07	
Fire Dpt		S3-Radio-D	Fire Dpt	00:07	

Map

7:36:54 PM

Select

Unselect

Microphone

Activity Log Map

Clear Status

FILTER, SORT, REPLAY AND EXPORT STORED RECORDS



LOCATION TRACKING

The screenshot displays a radio dispatch software interface. At the top, there are controls for 'Layouts' and 'Edit Layout', along with buttons for 'GENERAL TR...', 'First respon...', 'All fire depts', 'Fire depts 2-3', 'Fire depts 1-2', 'Fire depts 4-5', 'All fire depts', and 'EMERGENCY'. Below these are 'Multiselect Groups' with toggle switches for 'First responders (0)', 'All fire depts (0)', and 'Fire depts 2-3 (2)'. The main area is divided into districts: 'Western district', 'Eastern district', 'South district', and 'Northern district'. Each district contains a grid of radio channels with volume sliders. The 'Western district' includes 'Ambulance', 'Fire dept 6', and 'Police dept 1'. The 'Eastern district' includes 'Fire Dept 2', 'Fire dept 7', and 'Police dept 2'. The 'South district' includes 'Fire dept 3', 'Fire dept 8', and 'z40tg-022'. The 'Northern district' is currently empty. At the bottom, an 'Activity Log' table shows recent events. On the right, a map displays a location tracking popup for 'radio_7:1802007' with the following details:

- Receiving time: 12.09.19 16:47:46
- Latitude: 8.489481
- Longitude: 76.355431
- Update reason: Power On
- Speed: 3.6 km/h
- Position accuracy: 200 m
- Direction: S
- Status: —

	End Time	Duration	User Alias	User ID	Event	Info
	4:20:26 PM	00:05			General transmit	
	4:20:27 PM	00:07	S2-Radio-A	1900060	Incoming call	
	4:19:46 PM	00:02			General transmit	
spb-z18-tg30	4:19:39 PM	4:19:48 PM	S2-Radio-A	1900060	Incoming call	
Fire Dept 2,Fire dept 3	4:17:23 PM	4:17:25 PM			General transmit	
spb-z18-ta30	4:16:58 PM	4:17:01 PM	S2-Radio-A	1900060	Incoming call	

**EXACT LOCATION
OF THE RADIO SUBSCRIBERS
DISPLAYED ON A MAP**

MAP MARKERS CLUSTERING

The screenshot displays the SmartPTT Express Client interface. At the top, there are control buttons for 'GENERAL TR...', 'EMERGENCY', and various radio zones (Z7-Z8-TG1, Z7-Z8-TG2, Z7-Z8-TG3, Zone7-All, Zone8-All, All). The central map shows a geographical area around Köln, Germany, with a blue circle highlighting a cluster of radio markers. A popup window for 'Radio16:10016' provides the following details:

- Receiving time: 26.03.20 16:48:33
- Latitude: 56.709698
- Longitude: 85.393982
- Update reason: Radio Status Update
- Speed: 2 km/h
- Position accuracy: 200 m
- Direction: N
- Status: —

Below the map is an 'Activity Log' table with columns for End Time, Duration, Originator Alias, Originator ID, Target Alias, and Target ID. The table is currently empty. To the right of the map, there are panels for 'Resource Area' (Zone-7, Zone-8), 'Private Call' (Radio1 10001), and a 'Radio ID' keypad.

End Time	Duration	Originator Alias	Originator ID	Target Alias	Target ID
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ACCURATE INFORMATION
ABOUT THE NUMBER
OF RADIOS
AT ANY POINT OF A MAP

SCADA EXTENSION

Analog Parameters

Humidity

89.10 %



Humidity

89.10 %



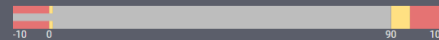
Humidity

89.10 %



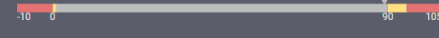
Humidity

89.10 %



Humidity

89.10 %



Humidity

89.10 %



Temperature

11

°C

24.32



Current

10.81 A



228.10 V

+3.84

Voltage

228.10

V



2019-05-13 14:15:27

eters

Closed

Command

Start

Stop

Door

Closed

INTEGRATED ACCESS
TO SCADA SYSTEM FOR
REMOTE EQUIPMENT CONTROL



CUSTOMIZATION

SmartPTT Express is developed for people
and for the moments that matter

USER INTERFACE

Convenient and efficient dispatcher's workspace



1

Customizable user interface

Flexible adjustment of any element's availability and arrangement

2

Volume fine tuning

Adjust volume level to be focused on ongoing conversation

3

External PTT devices

Make response as quick as possible using dedicated devices

4

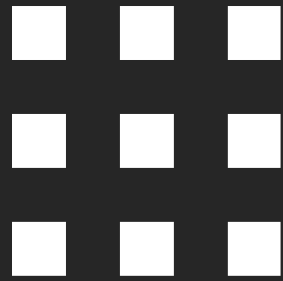
All in one solution

Integrated voice calls, voice recording, location based services

5

Multi-language interface

English, German, Spanish, French, Portuguese, Russian, Italian, Chinese

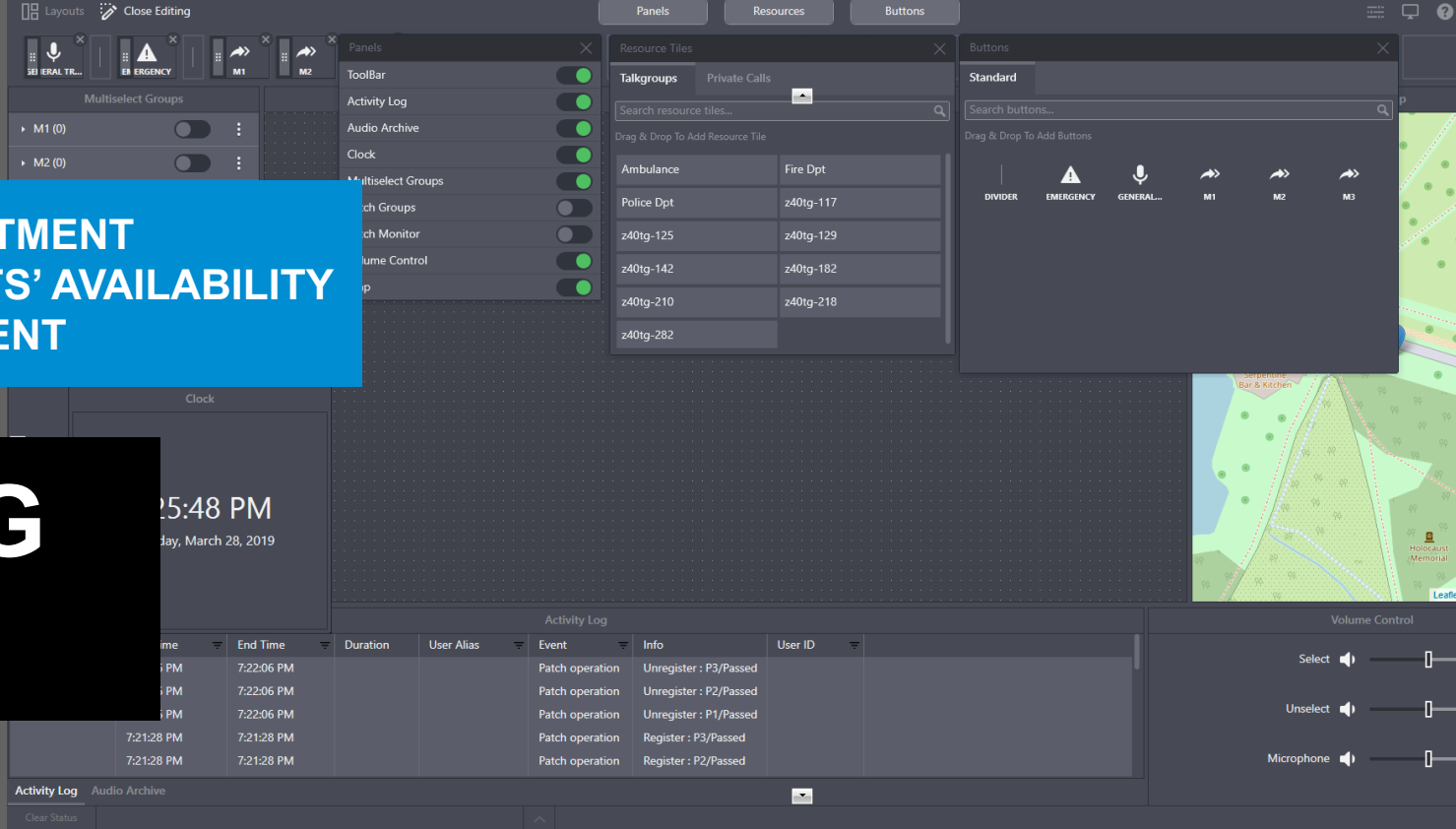


DISPATCH
CONSOLE
CUSTOMIZATION

FLEXIBLE ADJUSTMENT OF ANY ELEMENTS

**FLEXIBLE ADJUSTMENT
OF ANY ELEMENTS' AVAILABILITY
AND ARRANGEMENT**

**EDITING
MODE**



EDITING MODE

ADD PANELS

The screenshot displays the SmartPTT Express Client interface in editing mode. A central 'Panels' menu is open, listing various components that can be added to the workspace. A blue circle highlights this menu. The interface includes a top toolbar with icons for home, edit, and panels. On the left, there are sections for 'Patch Groups' (P1, P2, P3) and 'Multiselect Groups' (M1, M2, M3). The main workspace contains several panels, each with a volume control slider and a speaker icon. A 'CALL LOG' panel on the right shows a list of incoming calls. At the bottom, there is an 'Activity Log' table with columns for Resource, Time, User Alias, Event, Info, and User ID. The top right corner shows the user name 'marfynovaa' and a clock displaying '16:24:18' on 'пятница, 9 ноября 2018 г.'.

SmartPTT Express Client

marfynovaa

Panels

- ToolBar
- Activity Log
- Clock
- Multiselect Groups
- Patch Groups
- Patch Monitor
- Volume Control

Patch Groups

- P1 (4)
 - z30tg43
 - z31tg12
 - z30tg42
 - z31tg14
- P2 (0)
- P3 (4)

Multiselect Groups

- M1 (4)
 - z30tg40
 - z30tg41
 - z30tg42
 - z31tg13
- M2 (3)
- M3 (4)

Activity Log

Resource	Time	User Alias	Event	Info	User ID

EDITING MODE

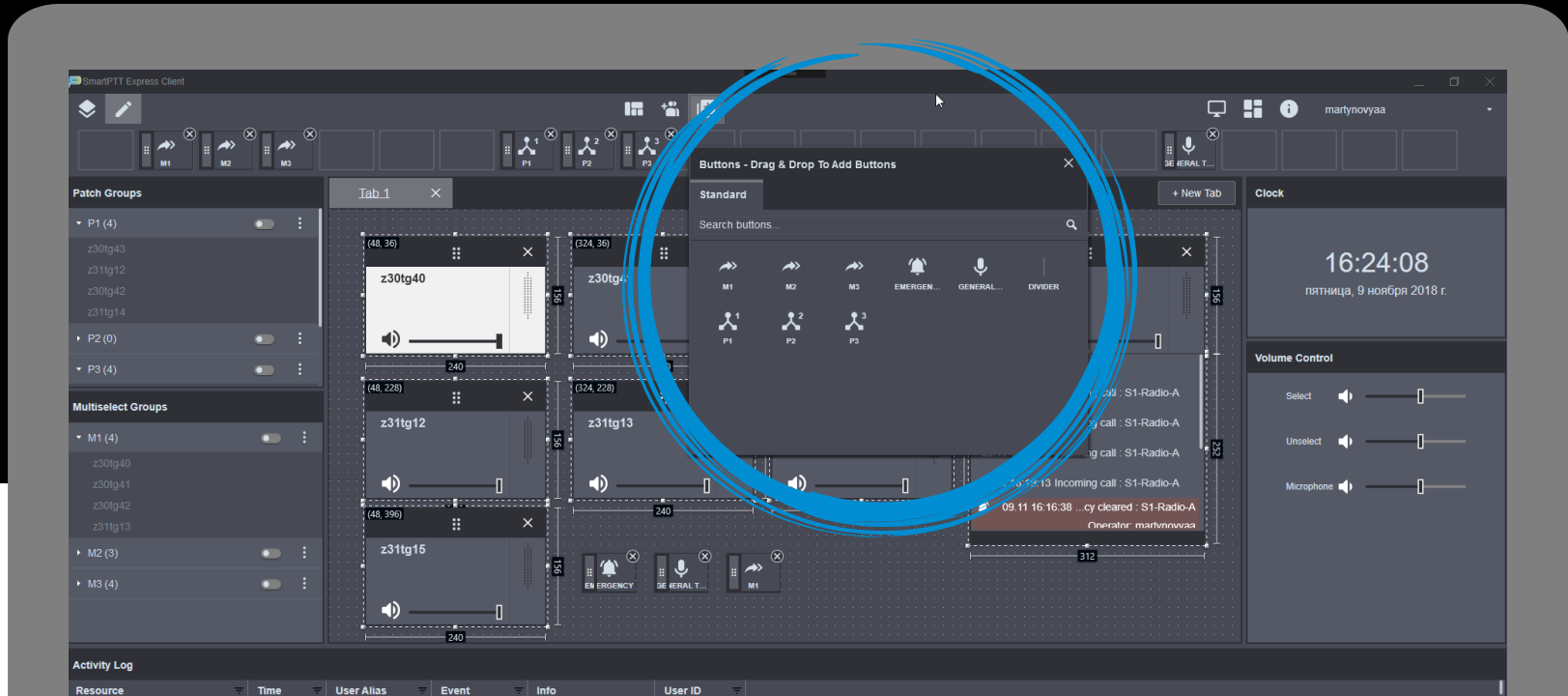
ADD RESOURCES

The screenshot displays the SmartPTT Express Client interface in editing mode. A central window titled "Resource Tiles - Drag & Drop To Add Resource Tile" is open, showing a grid of resource tiles. A blue circle highlights this window. The interface includes a left sidebar with "Patch Groups" (P1, P2, P3) and "Multiselect Groups" (M1, M2, M3). The main workspace shows a call log with entries for "S1-Radio-A" and "Operator: marfynovyya". The bottom of the screen features an "Activity Log" table with columns for Resource, Time, User Alias, Event, Info, and User ID.

Resource	Time	User Alias	Event	Info	User ID
z30tg43	09.11.16.22:21		Incoming call	S1-Radio-A	
z30tg42	09.11.16.22:48		Incoming call	S1-Radio-A	
z31tg14	09.11.16.20:13		Incoming call	S1-Radio-A	
z31tg12	09.11.16.19:13		Incoming call	S1-Radio-A	
z31tg15	09.11.16.16:38		...cy cleared	S1-Radio-A	
				Operator: marfynovyya	

EDITING MODE

ADD BUTTONS



■ ■ ■ DISPATCH

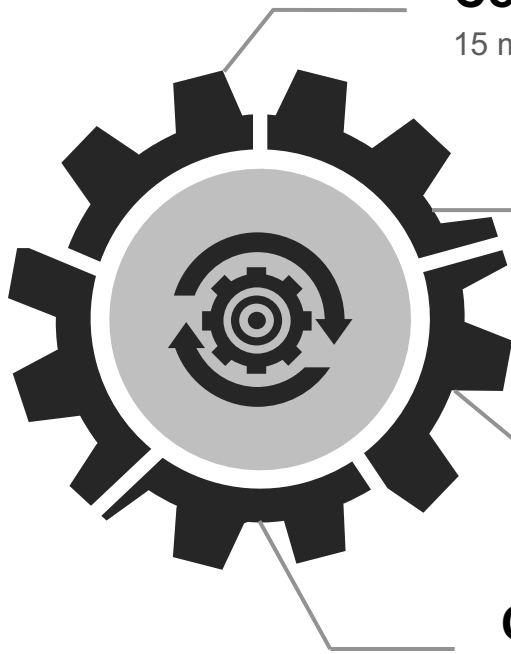
■ ■ ■ CONSOLE

■ ■ ■ DEPLOYMENT

ROLE-BASED CUSTOMIZATION

SIMPLE CONFIGURATION & DEPLOYMENT

QUICK START OF THE SYSTEM



Configure DIMETRA™ system

15 minutes to get system up and running

Deploy and configure SmartPTT Express

Automatic configuration synchronization
with DIMETRA™

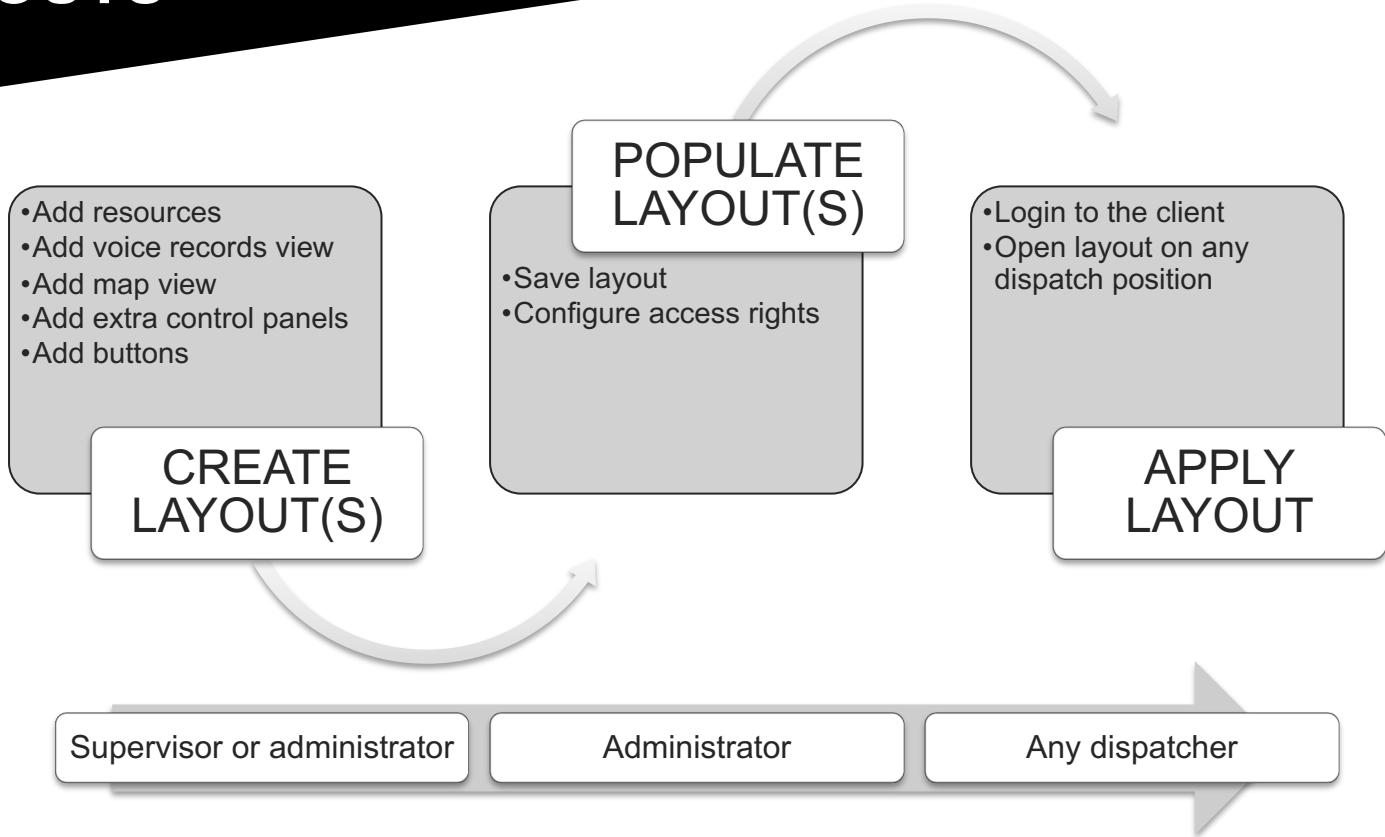
Deploy UI layout

Create and distribute custom UI layout
through the team

Configure the system remotely

via SmartPTT Express Configurator installed
on your computer

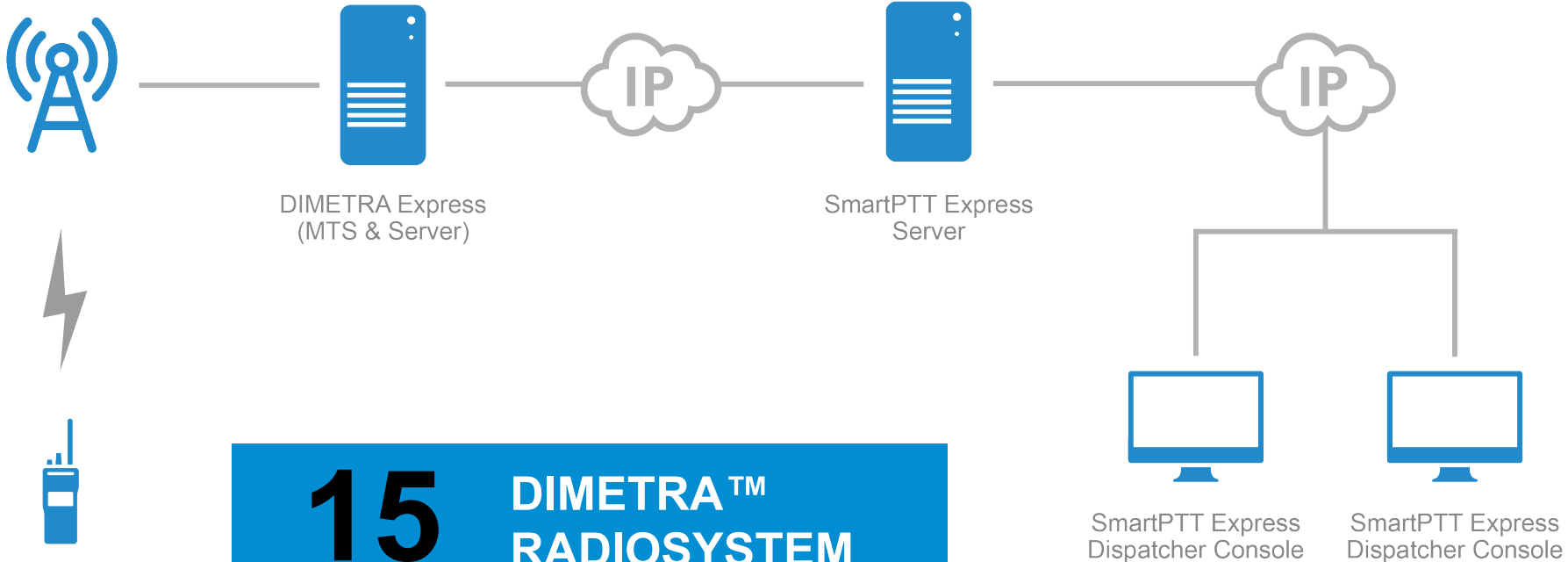
EASILY CREATE AND DEPLOY UI LAYOUTS



A man in a purple shirt is shown in profile, focused on his work at a computer. He is sitting at a desk with a keyboard and mouse. In the background, another person is visible, also working at a computer. The scene is dimly lit, with a soft light source creating a glow on the man's face and the desk. The overall atmosphere is professional and concentrated.

SYSTEM ARCHITECTURE

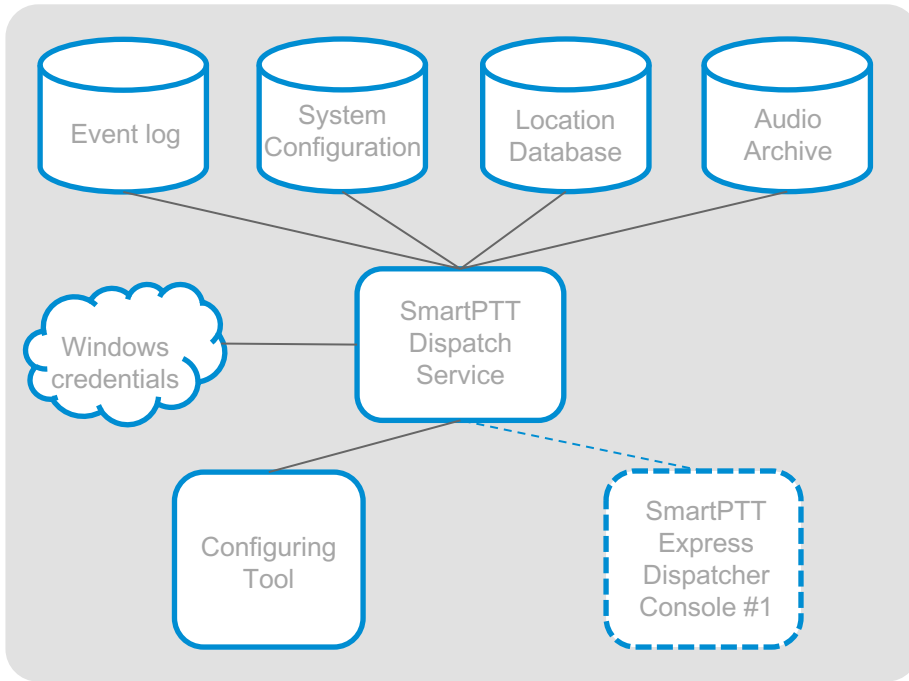
System, software and dispatch position structure



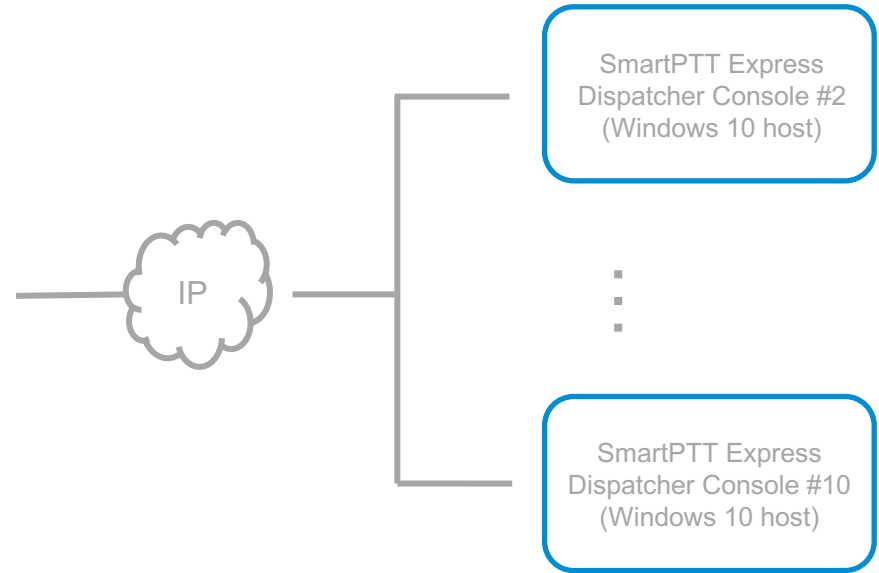
**15
MIN**

**DIMETRA™
RADIO SYSTEM
DEPLOYMENT**

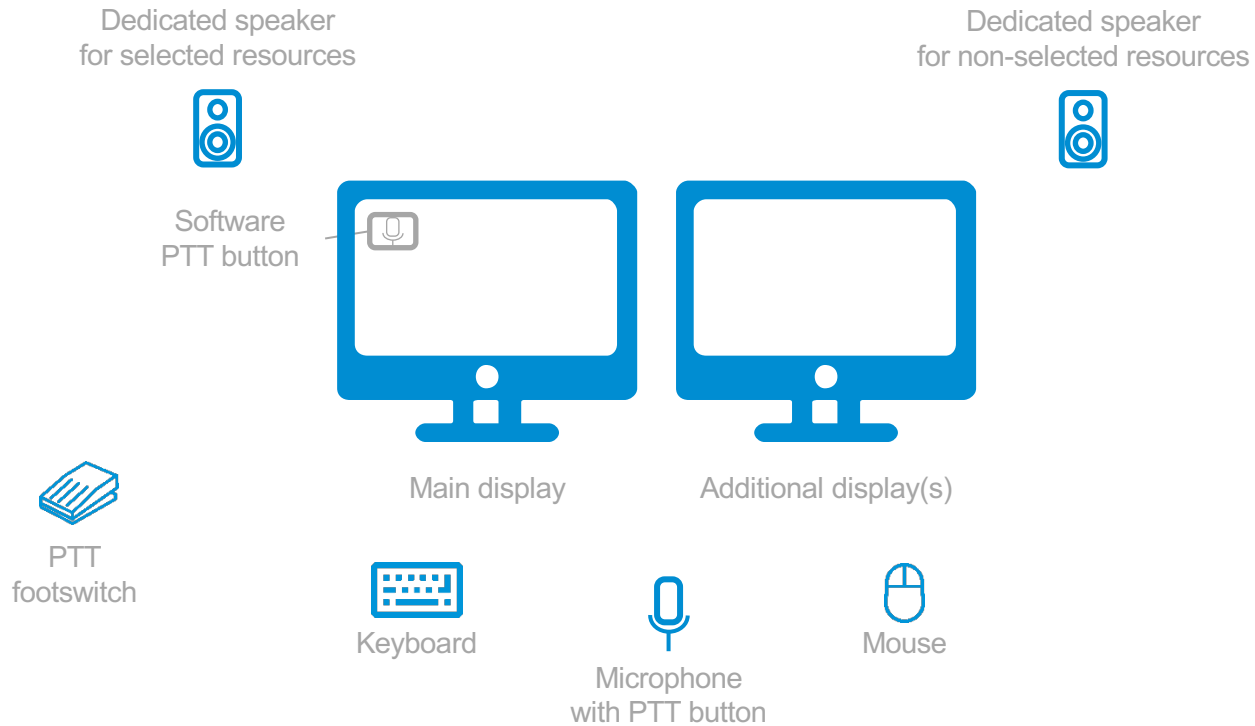
SYSTEM ARCHITECTURE



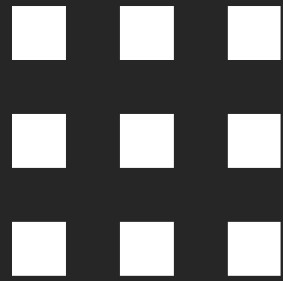
SmartPTT Express Server (Windows 10 host)



DETAILED SOFTWARE ARCHITECTURE



DISPATCH POSITION SET



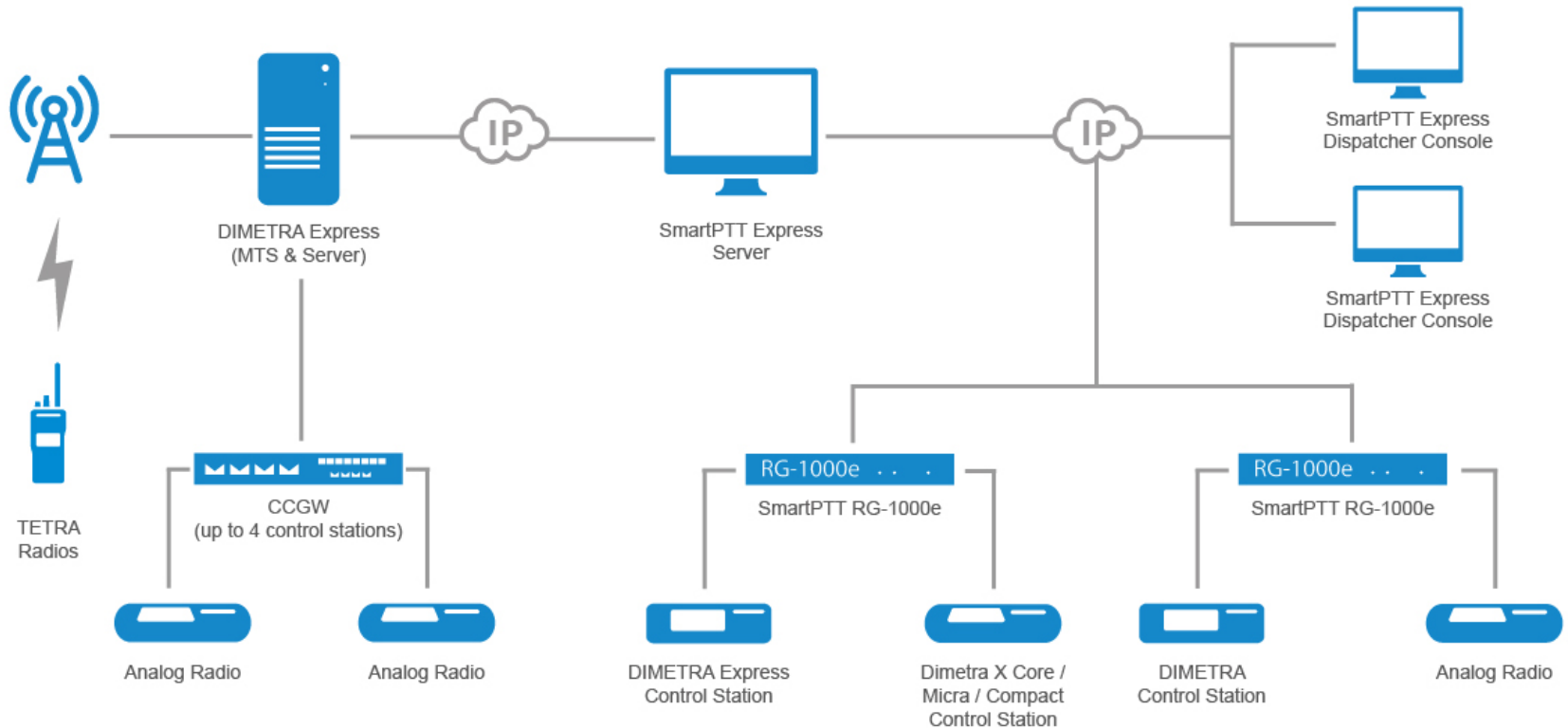
BRIDGING & INTEGRATION

RADIO SYSTEM INTERCONNECT



RADIO GATEWAY

RG1000e bridged
DIMETRA™ and other
digital or analog systems



CONNECTION VIA CCGW AND RG-1000e

OUTGOING AND
INCOMING
VOICE CALLS



AUDIO
RECORDING



BRIDGING
(for RG-1000e only)

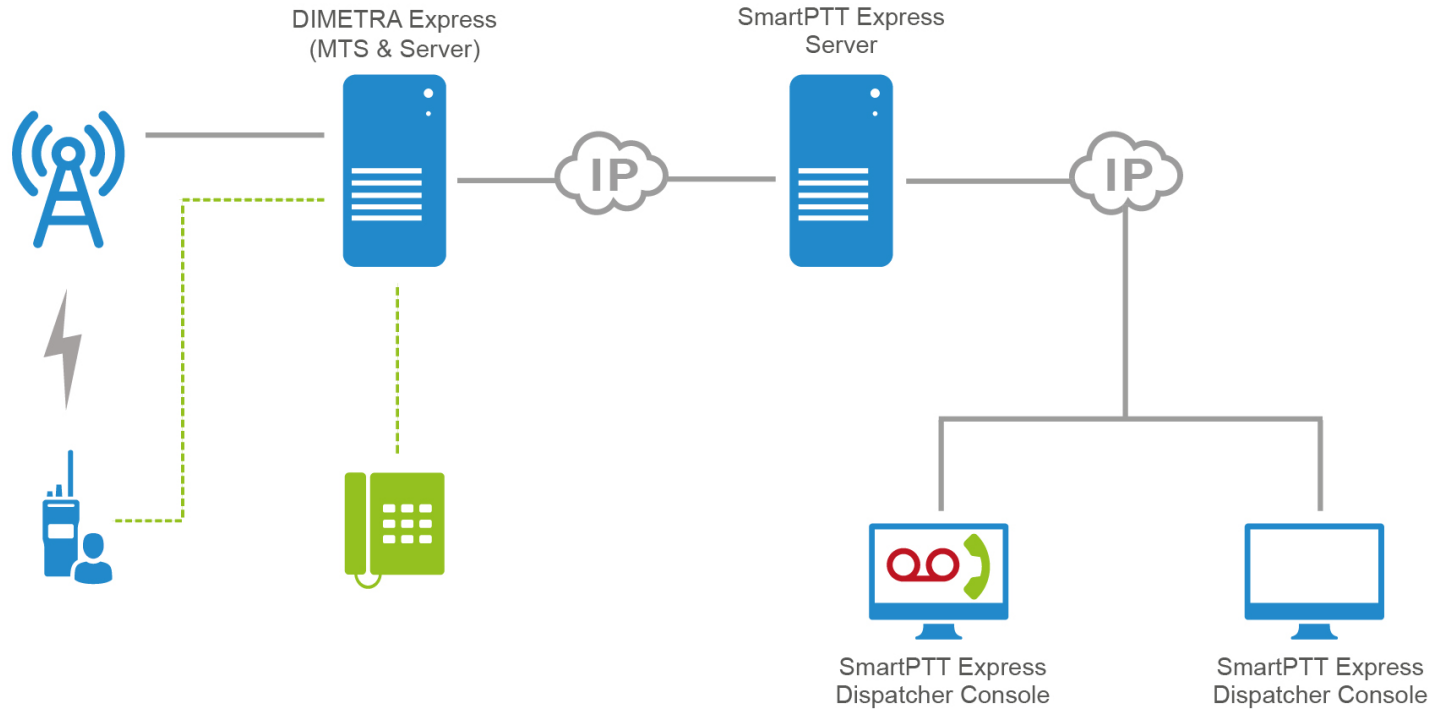


MULTISELECT
GROUPS AND
PATCH GROUPS



ANALOG RESOURCES DISPATCHING

Voice Recording of Conversations Between DIMETRA™ Subscribers and Telephone Users



**DIGITAL AUDIO RECORDING
FOR TELEPHONY AND ANALOG RESOURCES**



WHY & WHERE

DIMETRA™ AND SMARTPTT SYSTEM APPLICATION

DIMETRA™ SMARTPTT EXPRESS

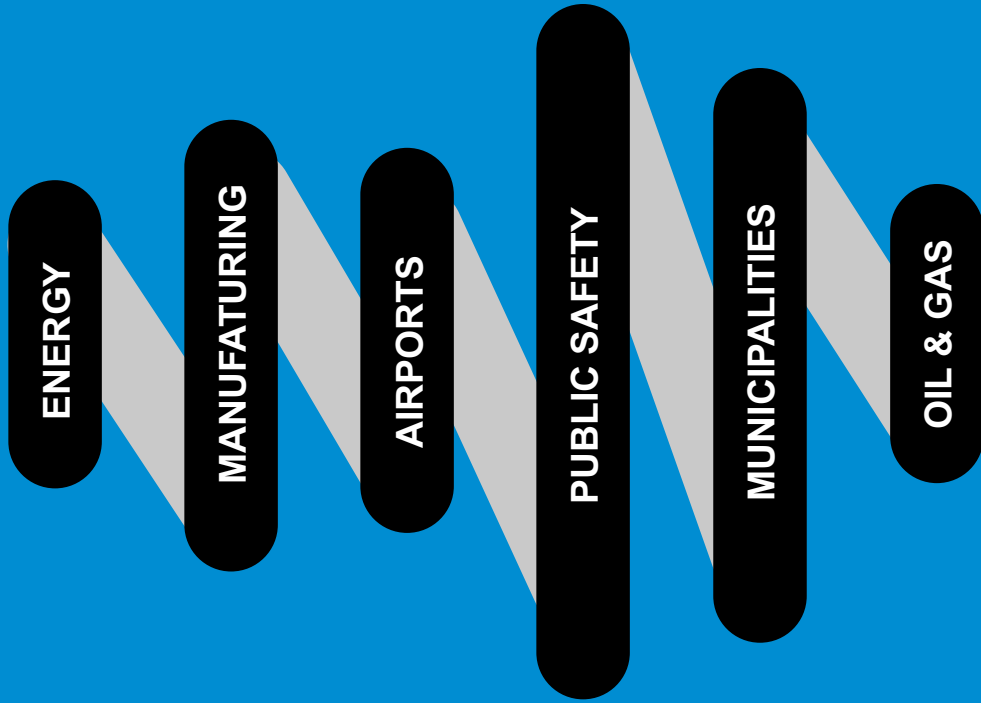
ROBUST AND RELIABLE COMMUNICATIONS

SIMPLIFIED COORDINATION OF DAY-TO-DAY OPERATIONS

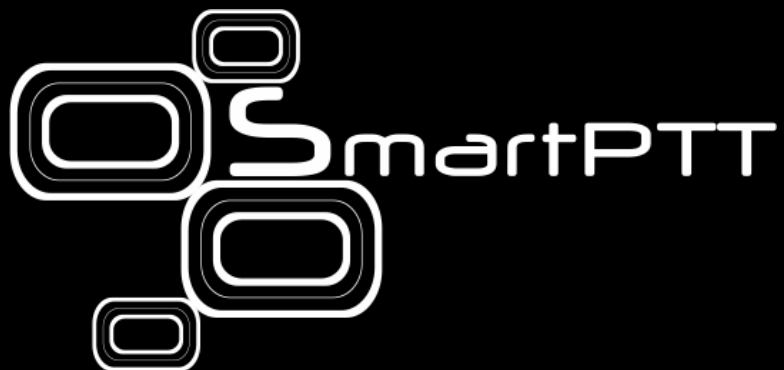
CONVENIENT AND EFFICIENT DISPATCHER'S WORK

PERSONNEL CONTROL AND SAFETY

EASY RADIO SYSTEM CONFIGURATION AND MAINTENANCE



**DIMETRA™
SMARTPTT EXPRESS**



MORE INFO?



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