



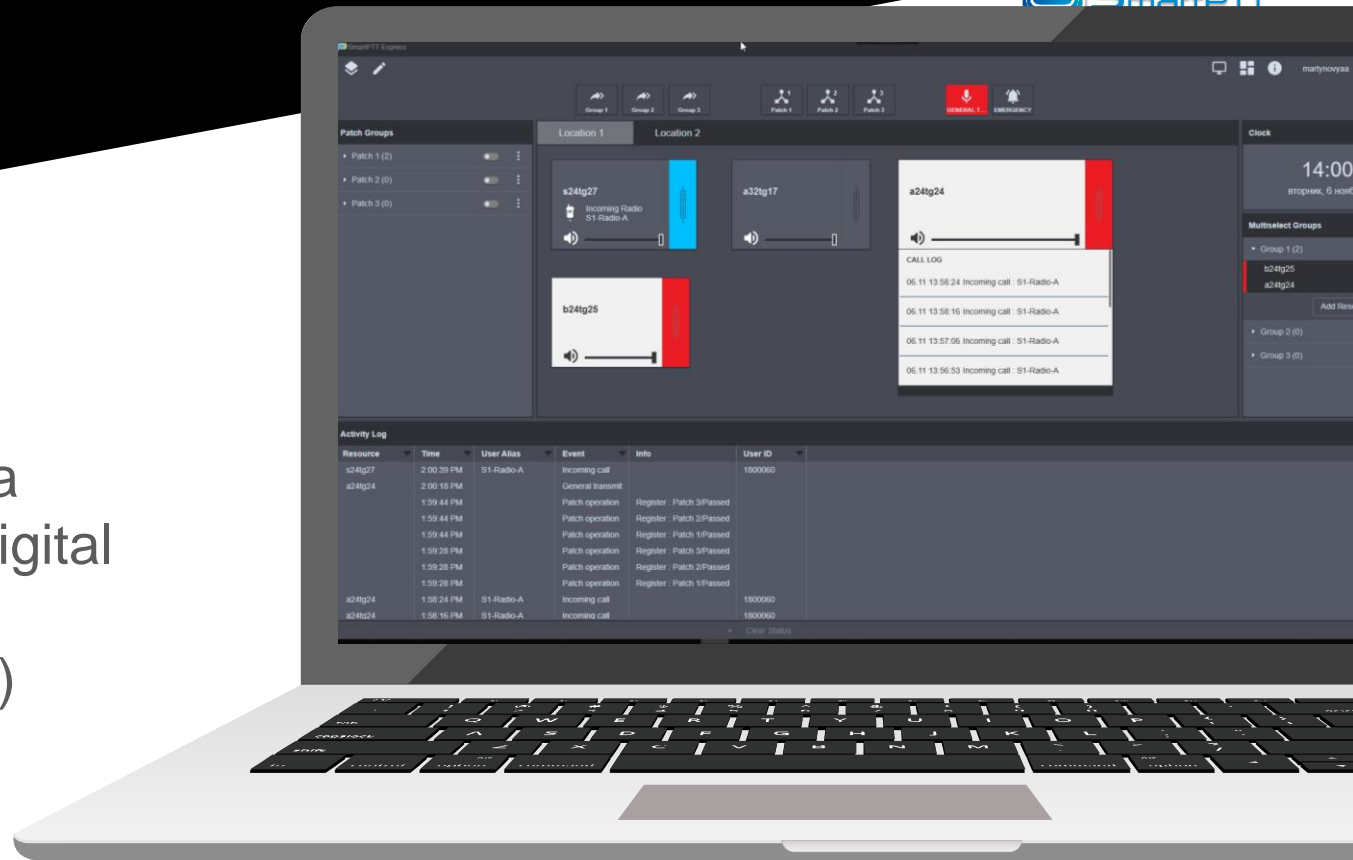
# SMARTPTT EXPRESS

DISPATCH SOLUTION FOR DIMETRA EXPRESS RADIO SYSTEM

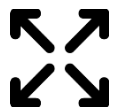
# SmartPTT Express



a flexible dispatch  
console for Dimetra  
Express (TETRA digital  
radio system from  
Motorola Solutions)



# BASIC FUNCTIONALITY



## CRITICAL INSTANT COMMUNICATIONS

- Individual calls
- Group calls (including outgoing call to several talk groups)
- Patch groups
- Emergency alarms and calls
- Prioritized calls (low/high priority)



## DISPATCH CONTROL

- Flexible output audio channel configuration
- Volume control per talk group
- Activity log (call log)
- Touchscreen support
- **Highly customizable interface**



## SYSTEM SECURITY

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

## CONTROL & ANALYTICS



### VOICE RECORDING

Data storage  
and easy reconstruction  
of incident details



### GPS POSITIONING

Exact workers' location at any  
moment and control of their  
entering hazardous zones

## PERSONNEL SAFETY

## INCOMING/OUTGOING CALLS TO THE RESOURCES

# INDIVIDUAL CALLS

The screenshot displays a software interface for managing radio resources. At the top, there are navigation icons for Patch Groups (M1, M2, M3) and resources (P1, P2, P3). A 'Patch Groups' sidebar on the left shows a tree view with 'P1 (4)' expanded to show resources 'z30tg43', 'z30tg40', 'z30tg41', and 'z30tg42'. The main area contains a grid of resource call status cards. Two cards are circled in blue: 'z30tg40' (white background, red volume bar) and 'z30tg43' (blue background, blue volume bar). The 'z30tg43' card is expanded to show a 'CALL LOG' with the following entries:

- 09.11 16:22:48 Incoming call : S1-Radio-A
- 09.11 16:20:13 Incoming call : S1-Radio-A
- 09.11 16:19:13 Incoming call : S1-Radio-A
- 09.11 16:16:38 ...cy cleared : S1-Radio-A Operator: martynovaa
- 09.11 16:16:37 ... confirmed : S1-Radio-A Operator: martynovaa

At the bottom, a table lists recent events:

Time	User Alias	Event	Info	User ID
4:22:48 PM	S1-Radio-A	Incoming call		1800060
4:22:27 PM		Patch operation	Deactivate : P3/Passed	
4:22:26 PM		Patch operation	Deactivate : P1/Passed	
4:20:16 PM		General transmit		
4:20:13 PM	S1-Radio-A	Incoming call		1800060
4:20:13 PM	S1-Radio-A	Incoming call		1800060

At the bottom left, a status message reads: '(04.08.28) Couldn't open layout PC'. A 'Clear Status' button is located at the bottom right of the table area. The interface also includes a 'Clock' showing '16:23:17' and 'ПЯТНИЦА, 9 ноября 201' on the right, and a 'Volume Control' section on the far right.

**SIMULTANEOUS ACTIONS  
WITH SEVERAL RESOURCES**

**MULTISELECT  
GROUPS**

The screenshot displays a radio dispatch software interface. On the left, a 'Multiselect Groups' panel shows a group 'M1 (4)' containing resources 'z30tg40', 'z30tg41', 'z30tg42', and 'z31tg13'. The main area features a grid of radio channels with status indicators and volume controls. A call log for 'S1-Radio-A' is visible, showing an emergency call received at 16:14:54. The interface includes a top navigation bar with icons for P1, P2, and P3, and a right sidebar with a clock and volume control.

Time	User Alias	Event	Info	User ID
15:56 PM		General transmit		
15:43 PM		General transmit		
15:42 PM	S1-Radio-A	Emergency call		1800060
14:59 PM	S1-Radio-A	Emergency call		1800060
14:54 PM	S1-Radio-A	Emergency received		1800060
14:49 PM	S1-Radio-A	Incoming call		1800060

# MULTISELECT GROUPS

The screenshot displays a radio dispatch software interface. At the top left, there are three buttons labeled M1, M2, and M3. The M1 button is circled in blue. Below these buttons is a 'Multiselect Groups' panel. This panel shows two groups: M1 (4) and M2 (3). The M1 group is expanded, showing a list of resources: z30tg40, z30tg41, z30tg42, and z31tg13. Each resource has a red bar next to it, indicating it is selected. Below the list are 'Add Resource' and 'Remove All' buttons. In the center of the interface, there is a grid of radio resource status cards. Each card shows a resource ID (e.g., z30tg40, z30tg41, z30tg42, z30tg43, z31tg12, z31tg13, z31tg14, z31tg15) and a volume control slider. A red bar on the right side of each card indicates the resource's status. At the bottom center, there are three buttons: EMERGENCY, GENERAL T..., and M1. The M1 button is also circled in blue. On the right side of the interface, there is a 'Patch Groups' section with a list of P1 (0), P2 (0), and P3 (0). Below that is a 'CALL LOG' section with a list of events. The first two events are circled in blue: '09.11.16.16:38 ...cy cleared : S1-Radio-A Operator: martynovyya' and '09.11.16.16:37 ... confirmed : S1-Radio-A Operator: martynovyya'. Below the call log is a 'Volume Control' section with 'Select', 'Unselect', and 'Microphone' buttons and sliders. At the top right, there is a 'Clock' section showing the time '16:16:4' and the date 'пятница, 9 ноября 2'. At the bottom of the interface, there is a table with columns: Time, User Alias, Event, Info, and User ID. The table contains several rows of data, including emergency calls and general transmissions. A blue box is overlaid on the bottom right of the interface, containing the text 'SIMULTANEOUS ACTIONS WITH SEVERAL RESOURCES'.

Time	User Alias	Event	Info	User ID
16:39 PM		APB transmit		
16:38 PM	S1-Radio-A	Emergency cleared	martynovyya	1800060
16:37 PM	S1-Radio-A	Emergency confirmed	martynovyya	1800060
4:16:27 PM	z30tg41, z30tg42, z30tg40, z31tg13	General transmit		
4:16:26 PM	z30tg43	Emergency call		1800060
4:16:07 PM	z30tg43	Emergency call		1800060

**SIMULTANEOUS ACTIONS  
WITH SEVERAL RESOURCES**

# PATCH GROUPS



**DUBBING OF INCOMING AND OUTGOING CALLS FROM ONE RESOURCE TO ANOTHER (ONE OR SEVERAL)**



FLEXIBLE ADJUSTMENT  
OF ANY ELEMENTS' AVAILABILITY  
AND ARRANGEMENT

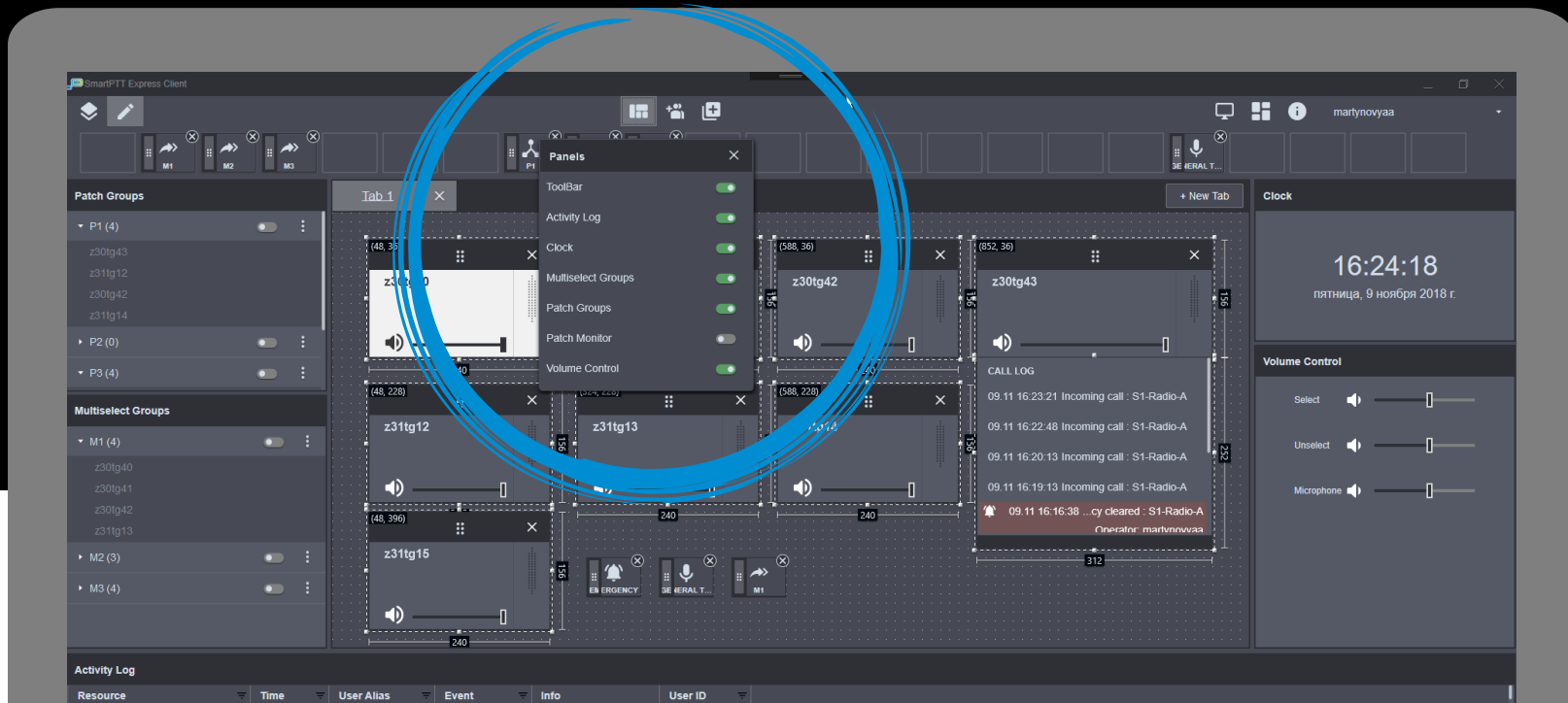
EDITING  
MODE

The screenshot displays a radio dispatch console interface in editing mode. The main area is a grid of call control panels for various units, including z30tg40, z30tg41, z30tg42, z30tg43, z31tg12, z31tg13, z31tg14, and z31tg15. Each panel includes a speaker icon and a volume slider. A call log on the right shows incoming calls for S1-Radio-A. The bottom section contains a table with columns for Time, User Alias, Event, Info, and User ID. A status bar at the bottom indicates a message: "(04.08.28) Couldn't open layout PC" and a "Clear Status" button.

Time	User Alias	Event	Info	User ID
4:23:25 PM		General transmit		
4:23:21 PM	S1-Radio-A	Incoming call		1800060
4:22:48 PM	S1-Radio-A	Incoming call		1800060
4:22:27 PM		Patch operation	Deactivate : P3/Passed	
4:22:26 PM		Patch operation	Deactivate : P1/Passed	
4:20:16 PM	z30tg40	General transmit		

# EDITING MODE

## ADD PANELS



# 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 list of available resources. A blue circular highlight is drawn around this window. The main interface shows a patch group "P1 (4)" with several resource tiles (z30tg43, z31tg12, z30tg42, z31tg14) and a call log on the right. The call log shows incoming calls from "S1-Radio-A" and a cleared call at 09.11.16.16:38 by operator "marfynovaa".

**Resource Tiles - Drag & Drop To Add Resource Tile**

Talk Groups Private Resources

Search resource files...

z23tg30	z23tg31
z23tg32	z30tg40
z30tg41	z30tg42
z30tg43	z31tg12
z31tg13	z31tg14
z31tg15	z31tg16

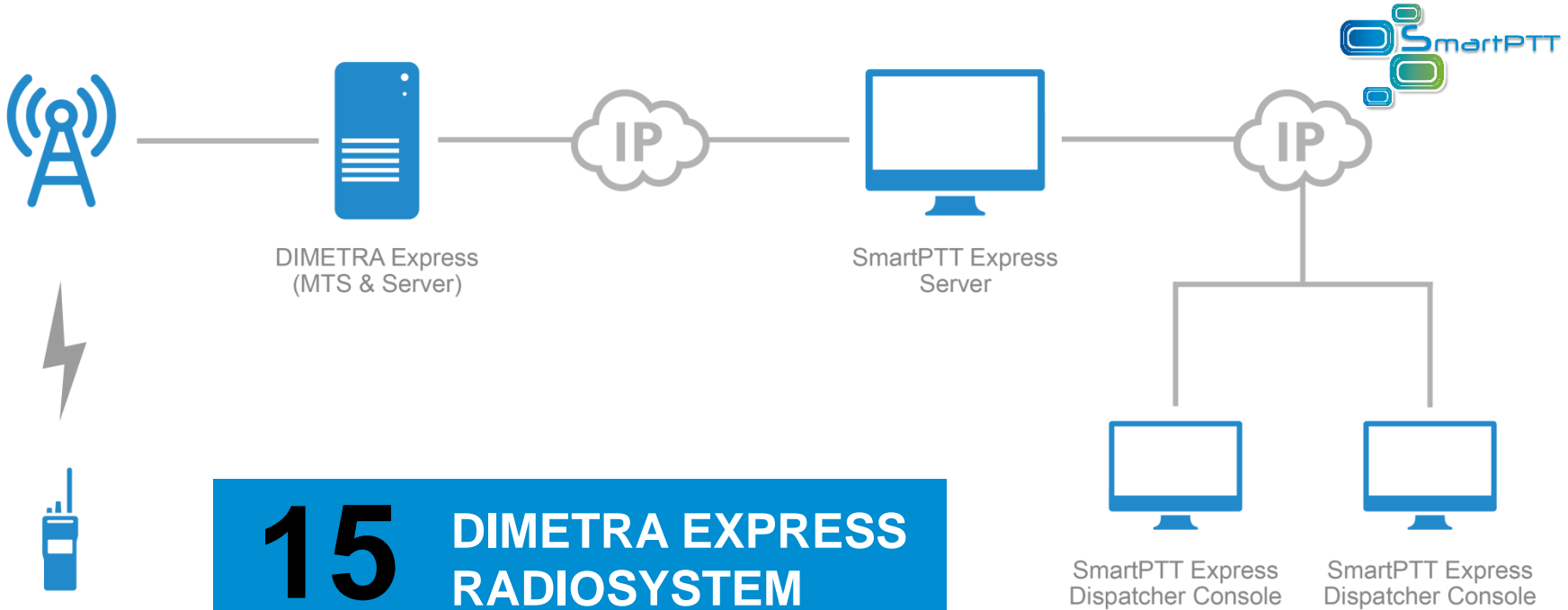
**Activity Log**

Resource	Time	User Alias	Event	Info	User ID
	09.11.16.23:21		Incoming call	S1-Radio-A	
	09.11.16.22:48		Incoming call	S1-Radio-A	
	09.11.16.20:13		Incoming call	S1-Radio-A	
	09.11.16.19:13		Incoming call	S1-Radio-A	
	09.11.16.16:38	marfynovaa	...cy cleared	S1-Radio-A	

# EDITING MODE

## ADD BUTTONS

The screenshot displays the SmartPTT Express Client interface in editing mode. A central window titled "Buttons - Drag & Drop To Add Buttons" is open, showing a "Standard" button palette. The palette includes buttons for M1, M2, M3, EMERGEN..., GENERAL..., and DIVIDER. A blue circular highlight is drawn around this palette. The main interface features a grid of buttons, each with a unique identifier (e.g., z30tg40, z31tg12, z31tg13, z31tg15) and a volume control slider. The interface also includes a "Patch Groups" sidebar on the left, a "Multiselect Groups" sidebar, a "Clock" showing 16:24:08 on Friday, November 9, 2018, and a "Volume Control" section with sliders for "Select", "Unselect", and "Microphone". The bottom of the screen shows an "Activity Log" with columns for Resource, Time, User Alias, Event, Info, and User ID.



**15 MIN** DIMETRA EXPRESS  
RADIO SYSTEM  
DEPLOYMENT

# SYSTEM ARCHITECTURE

# **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**

**REDUCED COSTS**

ENERGY

MANUFATURING

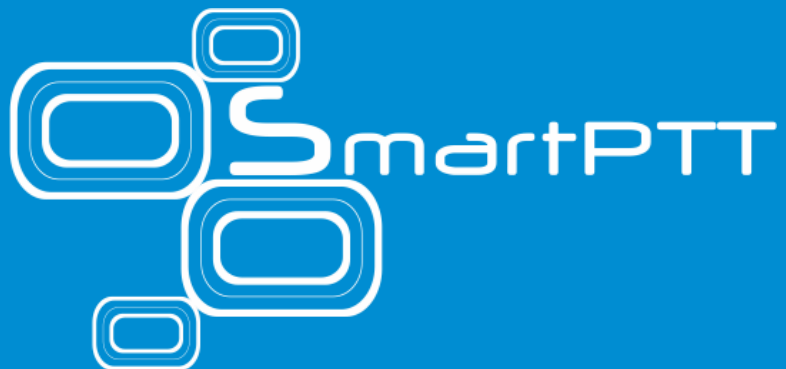
AIRPORTS

PUBLIC SAFETY

MUNICIPALITIES

OIL & GAS

DIMETRA  
SMARTPTT **EXPRESS**



## MORE INFO?



VISIT OUR WEBSITE  
[SMARTPTT.COM](http://SMARTPTT.COM)

## NEED A DEMO?



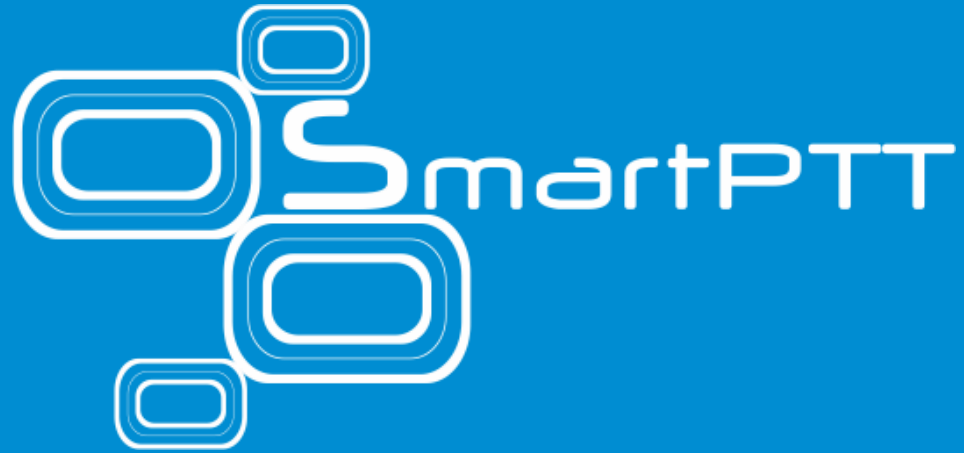
SEND A REQUEST  
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