# **INTEGRATOR RD**

E Zetron IntegratorRD						
	Call Window Call History Subscriber List Call A Cal		-OX	Integra	<b>TRO</b> atorRD ( 44:09 C	48-1>
Fire 1 Emrg Warn	BEN MAP27 MDC1200     MOC1200     Moc gr mdc gr mdc gr mdc gr mdc gr	p1 p2 p3		Primary Disply 1	Aux- I/0	EDACS
S1     S1       KC Works     KC Sheriff       S1     S1	Select Radio Grouping of Enter ID Police State Ptrl 51 S1		Total Cals: 0	Disply	Patch Groups Page Select MDC-	Select Groups Xmit Groups
				4 Disply	1200 MAP27 Dispch Misc Menu	iDEN Call MAP27 Call
Select Answer/ Held Tikg Phone Filege 4	rp EDACS Freq 4	Pl † Call Discon Pl ↓ Alarn Ack		all Co	atch nsol oom	Xnit
Select Radio Grouping o	r Enter ID		Entry:			
volt Simul All Select Mut		Status Sel. Select Call			nerg lert	Energ Ack
vol↓ Spkr volu		Radio Check		Mo	nitr	Radio Monitr Enable

#### **INTRODUCTION**

Integrator RD radio dispatch application software executes under Microsoft Windows® XP Pro, or Windows® Vista. Integrator RD may be run concurrently with other well-behaved applications and minimized or cropped as necessary to support multiple windows on a single screen. Integrator RD is also fully supportive of touchscreen operation with an appropriate touchscreen monitor.

The radio dispatch application makes full use of Windows networking capabilities—configuration files defining the "personality" of the console may be stored on a central file server to minimize the workload associated with configuration management of a system. In the event that the server fails or is unavailable, the Integrator RD application loads a copy of the configuration file from its local hard drive. To ensure compatibility with the widest range of network protocols, Integrator RD maintains an open architecture. The system integrator or end-user may install network interface cards for any supported protocol.

# **RADIO DISPATCH SOFTWARE**

#### **FEATURE SUMMARY**

- Supports up to 48 channels any combination of radio, telephone, intercom, or PA
  - Up to 36 Channel Resource Icons may be presented on one screen. Channel resources and critical controls are always visible and readily accessible.
  - Six Screen Select Keys allow instant call-up of previously defined screens to suit operator preference or changing shift requirements
- Up to 16 operating positions may be mixed with button consoles
- User interface supports mouse driven or touchscreen operation
- Available as a complete system (PC, Audio Panel, Windows<sup>®</sup> OS software, cables, etc.) without monitor, or as individual components less PC and monitor
- Call History Window with 20 character aliases
- Compatible with conventional (Tone, DC, E&M) and wireless applications (EDACS<sup>®</sup>, iDEN<sup>®</sup>, LTR<sup>®</sup>, NEXEDGE<sup>™</sup>, PassPort<sup>®</sup>, P25, SmartZone<sup>®</sup>and MPT 1327/MAP27)
- Supports networked configuration with centralized configuration file management
- Supports concurrent execution of other Windows<sup>®</sup> applications with radio dispatch console software
- Compatible with separately procured multiple monitor cards for multi-monitor usage
- DTMF, Zetron Alert, and Mot/GE Two-Tone Paging is Standard — MDC-1200, Quick Call I (2 + 2), Plectron, 5/6 Tone, Reach, Knox, and Rotary Dial formats optionally available
- "One-touch" paging operation uses named buttons instead of pager cap codes. Hierarchical menu structure allows pages to be logically grouped for easy access.
- MDC-1200<sup>®</sup> Full Features
- Login profiles enable or disable advanced features



## INTEGRATOR RD MAIN SCREEN

#### **Channel Resources**



Clearly identifies channel name and presents call activity, transmit status, volume/mute settings and ANI aliases. Select a channel or perform an instant transmit with a single mouse click.

Accommodate up to 36 channel icons on a single screen.

### System Controls

Intuitive control set is easily mastered by operators with minimal training. Includes all standard console functions.

Select Select R	Select         Mail         Tit Corp Hold         EDBCS (EDBCS         Preq t         Pl t         Call Discon           Select         Tit Korp Hold         EDBCS (EDBCS         EDBCS (EDBCS         Preq t         Pl t         Alarm Alarm           Select         Adia Grouping or Enter ID         Discon         Alarm         Alarm         Alarm					t Status Status Entry:	Call Delete Call Reply	Patch Consol Icon	Xnit	
volt	simul select	All- Mute	EDACS Menu		Status Select	Sel. Call	Call Alert	Status Request	Emerg Alert	Energ Ack
vo14	spkr	Enh Volume	Mute			Radio Check	Radio Enable	Radio Disabl	Radio Monitr Disabl	Radio Monitr Enable

StatusLine provides "real-time" help instructions on selected commands.

#### Select Radio Grouping or Enter ID

Single button controls allows operator to instantly boost highlighted channel volume to hear important calls.



Timed Mute mutes of all un-selected channels.

#### **Clock and Transmit Indicator**

All-Mute



The Zetron logo, displayed the upper-right corner of the screen turns red when the

console position is transmitting. This is useful for showing observers as well as dispatchers the transmit status of their console position. Time display is synchroinized between every position, and with an external master clock if so equipped.

### Alarm Notification and System Messages

# Primary Pwr Failure

This allows any operator to know the health status of the console system.

### **Call History Window**

🔁 Call Window				
Call History Subsc	riber List 📃			
Talkgroup/Chan.	ID	Long Alias	Status	Date Time
• M427-27	consoleA21		Indiv	06/07 16:46
onsB22	consoleA21	CONSOLE RADIO	Indiv	06/07 16:46
4				•
			Tota	l Calls: 2 🛛 🏸

When enabled, the call history window displays calls, call alerts and received status codes. Up to 64 calls are maintained in the queue.

#### Sub-Menus

Disply	Aux−	EDACS
1	I∕0	Review
Disply	Patch	Select
2	Groups	Groups
Disply	Page	Xmit
3	Select	Groups
Disply 4	MDC- 1200	
Disply 4 Disply 5		iDEN Call

Select a sub-menu for paging, auxiliary I/O, miscellaneous controls, and group functions. Sub-menus do not affect channel resources or critical system functions.

Control lights, door locks, cameras, and alarms.

### INSTANT RECALL RECORDER OPTION

	ssage Positi 178 00:00	0:09 00:00:28			₩ ₩
Msg #	Source	E	legin Time	Duration	1
0178	Radio	2001-	11-26 14:57:16	0 - 00:00:28	
0177	Phone	2001-	11-26 14:16:51	0 - 00:00:23	-
0174	Phone	2001-	11-21 11:12:47	0 - 00:01:36	
0173	Radio	2001-	11-26 13:52:13	0 - 00:00:44	
0172	Radio	2001-	11-26 13:51:51	0 - 00:00:17	
90171	Phone	2001-	11-21 11:08:16	0 - 00:01:37	
0170	Radio	2001-	11-20 16:13:13	0 - 00:00:10	
0168	Radio	2001-	11-20 16:11:04	0 - 00:00:17	
角 0167 -	Radio	2001-	11-20 16:10:04	0 - 00:00:15	
0166	Radio	2001-	11-20 16:09:35	0 - 00:00:10	
0165	Phone	2001-	11-26 13:50:39	0 - 00:00:00	
0164	Radio	2001-	11-20 16:06:37	0 - 00:00:07	
0163	Phone	2001-	11-26 13:49:41	0 - 00:00:58	
0162	Phone		11-26 13:47:21	0 - 00:01:14	
0161	Phone	2001-	11-26 13:27:21	0 - 00:00:21	
0160	Radio	2001-	11-19 10:54:42	0 - 00:00:26	-
		Source VOX Level		Volume	
0160	Radio		11-19 10:54:42		Muti

Recall recording is provided by Integrator IRR™ (Instant Recall Recorder), a powerful Windows voice recording application. Adds call recording/ playback capability on two channels to radio dispatch and 9-1-1 dispatch systems. For more information, please contact Zetron

for a copy of the Integrator IRR specification sheet, or view it online at www.zetron.com.

#### **HIERARCHICAL PAGING**

Selecting a page group brings up the Instant Call pages in that group.

								Page	e Grou	ıp	
Select Page Group		_				Entry	_		_		
	FIRE	POLICE	E EMS	AMB	SMAT	SWAT TWO	PUBLI				
	MONROE	KENT	FLIGHT						Manua Page		
Police							Page Nun1				
		PATROL 6	SWAT TEAM	PATROL 7	PATROL 8	PATROL 9	PATROL 18	PATROL 12	PATROL 13	PRTROL 14	Page Clear
	Next	POLICE SWAT TEAM	BOMB PATROL	PATROL ALL CALL	SCHOOL HILL PATROL	SOUTH POINT PATROL	BEAR CREEK PATROL	GRADY FLATS PATROL	PWYSIO CONTRL SECUR	MICRO SOFT SCRTY	Exit
Instant Call Craws											

Instant Call Group



#### Highlight Channel or Activate Controls

Activate Note: Double-clicking the channel will select it.

# MDC-1200 FEATURE HIGHLIGHTS

MDC-1200 signaling provides individual identification of every radio user. Transmission of this unique digital identification code occurs every time the MDC-1200 compatible radio is keyed. This feature allows the dispatcher to contact individual radio users, or groups of radio users. MDC-1200 also allows control of the system to silently test other radios in the field, disable any lost radio, and support individual or group paging.

## PTT ID and Emergency Alert

Each radio can be programmed to send the ID code at the beginning of each transmission, at the end, or both. With radios capable of MDC-1200 alerting, an emergency button can be pressed to initiate the transmission of an emergency alarm signal. This signal takes precedence over any other signal on the console.

# Call Alert and Selective Call Decode

Provides an efficient way to initiate a page or a voice page message to an individual or a group. When the user receives a Call Alert, the radio will continuously generate a series of four tones until the user takes action. When the user receives a Selective Call, the radio will generate alert tones and will un-mute so an incoming message can be heard.

# Radio Check

Allows the console operator to determine if the radio unit is on the air (powered up) and within communications range without disturbing the radio user.

# Radio Disable

Allows the console operator to selectively disable a radio in the field in case it falls into "the wrong hands" or is lost.

## Radio Enable

Allows the console operator to selectively enable a radio in the field after it has been disabled.

### Radio Monitor

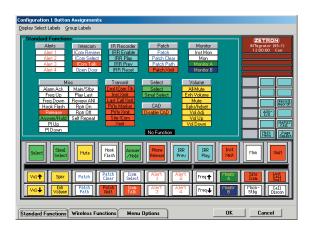
Allows the console operator to selectively enable a field radio's PTT function, so the operator can monitor the audio without the user's awareness.

## Radio Monitor Disable

Allows the console operator to selectively disable a field radio's PTT function, after it has been enabled.

## **CONSOLE PROGRAMMING**

The Integrator RD software may be quickly and easily reprogrammed in the field using RDPS (Radio Dispatch Programming System). RDPS provides a versatile Windows-based user interface for modifying the functionality of the workstation monitor and button controls, channel names, paging codes, ANI aliases, function tones and other useful parameters. After the new functions are programmed, the resultant configuration file is saved to disk on the individual host computers of each operating position, on a central configuration file server (if positions are networked), or both. During the set-up process, the Integrator RD software may be configured to look for its configuration file on the remote server. In the event that the server is inaccessible, the console software will revert to the local hard drive to locate the needed configuration files.



A partial list of programmable screen and button controls include:

- Transmit
- Last Call Transmit
- Group Instant Transmit (16)
- Priority Transmit (Supervisory Override)
- Monitor
- Site Intercom
- Alert (Steady Tone, Slow Siren, Fast Siren, Hi/Lo Warble, Beeps)
- All Mute (level and duration are user defined)
- Simultaneous Select
- Group Select (16)
- Patch Transmit
- Group Patches (16)
- ANI Review
- Priority Marker
- Headset/Speaker
- Page Enter
- Page Clear
- Page Safety
- Page Send
- Console Intercom Call
- Console Intercom Talk
- Console Takeover (supervisory only)
- EDACS Control Keys
- Frequency Up/Down
- Private Line Up/Down
- Instant Transmit
- Enhance Volume
- Volume Up/Down
- Patch
- Main/Standby (Base Station Control)
- Answer/Hold
- Phone Release
- Mute
- Hook-Flash
- Repeat On/Off
- Coded/Clear

- Self Repeat
- Monitor
- IRR Enable
- IRR Play
- IRR Reset
- IRR Prev
- IDEN Control Keys
- MAP27 Control Keys
- MDC 1200<sup>®</sup> Control Keys

#### **SPECIFICATIONS**

Operating Syste	m Windows® XP Professional or Windows® Vista.
Multi-Tasking	Operation is warranted only when used with Zetron provided or Zetron authorized software applications
Hardware Platfo	rm All hardware components must be listed on Microsoft's Windows® Compatible Hardware Products list. PCI slots required.
Processor	350 MHz or faster, Pentium® or equivalent
Data Storage	2 GB or more fixed disk drive, 3.5" floppy drive, 24x minimum CD-ROM drive
Memory	256 MB minimum for Windows® XP Pro (512 MB recommended), 3 GB minimum for Windows® Vista.
Display	1024 x 768 pixel (17" to 19") minimum. Dual monitors recommended for simultaneous operation with Integrator 9-1-1. Touch screen supported.
Video	4 MB video memory minimum
Audio	Sound card with speakers
Pointer	2 or 3 button PS/2 Mouse, or equivalent
Serial Ports	One free RS-232 port. Other Integrator applications may require additional ports.
Network	Required for advanced options TCP/IP Protocol

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See Zetron price list for option pricing. Specifications subject to change without notice 005-1296H August 2008