



15-15-8000 1U MINI-PC NZFS SKY TNPP

**Provide Messaging with
New Technology
Delivery Options
for Remote Sites**



Using the intelligence of Salcom VP Router software, the 15-15-8000 creates a new direction for message routing, display and logging.

VP Router allows new technologies to be bought to remote sites including TCP/IP based protocols like SMTP (email), HTTP (web browser), TNPP via IP and remote login / management. New message delivery options like SMS can also be implemented.

The NZFS specific configuration uses a Pentium 500 miniPC running WindowsXP and Salcom VP Router to decode inbound messages from the NZFS Sky Paging Network and pass these messages to a Salcom 15-15-5000 Paging Transmitter.

The 15-15-5000 Transmitter retains all the current options required by NZFS; four programmable inputs, local test page button, PDT selcall acknowledge and Sky Decoder reset timer.

A full list of contacts can be entered into and edited in the VP Router software. It uses this data to check the validity of received pager codes and convert the pager RICs into valid codes for transmitting to crews.

The 15-15-8000 supports the use of a standard LCD display along with connections to four RS232 serial ports, two Ethernet ports, two USB, Keyboard and mouse. The Ethernet ports allow remote connection or the use of TCP/IP protocols for message reception or delivery.

The connected display can be switched off for power savings without compromising functionality.

VP Router can be configured to display and transmit ALL Sky TNPP messages for system tests or diagnostics.

Log files can be created for each Stations messages sent and saved on a daily basis. These logs can be retrieved using the remote login feature.

Because of the flexibility of the VP Router software, changes to the display content and layout are easily implemented. The software also allows the addition of new protocols and data types without hardware changes.

VP Message Router Software

VP Router software configurations allow the routing of messages from multiple input sources to multiple output destinations, ie:

	Salcom 11-36 Fone Page	PET/TAP	TNPP	Free Form Scripted Protocols
INPUTS	Email (SMTP/POP)	Internet	Selcall	X25 Pacnet
OUTPUTS	Salcom Paging Transmitters	PET/TAP	Selcall	Email (SMTP/POP)
	Internet	Selcall	X25 Pacnet	TNPP

The Free Form Scripted Protocols allow scripted configuration of just about any industry protocol. Salcom can create protocols to suit any application where a message or packet of information needs to be monitored, routed and delivered.

Protocols can be configured to operate using RS232 serial or TCP/IP. Eg: TNPP or PET over IP for long distance or network message delivery connections

Salcom can create and add specific protocols for any type of message or information delivery, including SCADA applications. Protocols for handling SMS from specific cellular modems, SMS IP based gateways, XML data via IP, Flex and POCSSAG Decoders are other examples.

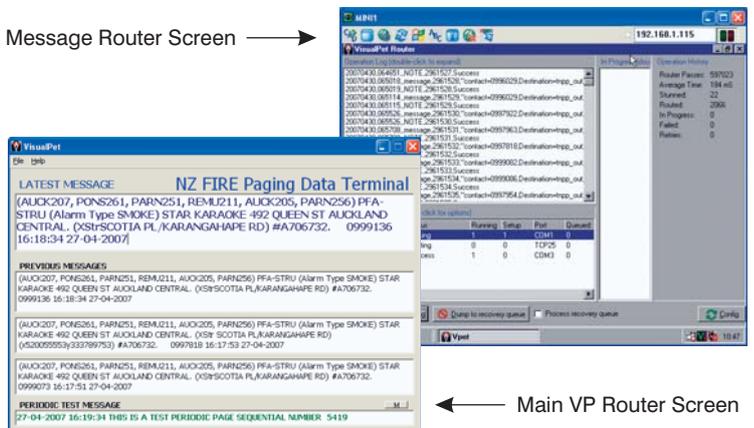
Each message route allows delivery to multiple destinations from a single source message. The VP Router can translate contact, message type, and specific protocol information for any inbound and outbound message. For example an inbound PET message can be forwarded onto a pager through an 11-62 with a copy sent via email and TNPP to another paging vendor.

Multiple inbound and outbound messages can be handled at one time, with complete logging of all message transactions.

A message delivery failure from a lost serial or ethernet connection can generate an alarm route which will contain the connection, contact and message that failed.

Contacts within the router are easily added, modified and deleted.

Message Router Screen



Main VP Router Screen

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