

TECHNICAL NOTE TN-1085-AN

TM/TP9000 Administrator Services

20th January 2006

Applicability

This Technical Note applies equally to the TP9000 Portable and TM9000 Mobile range of APCO P25 digital radios.

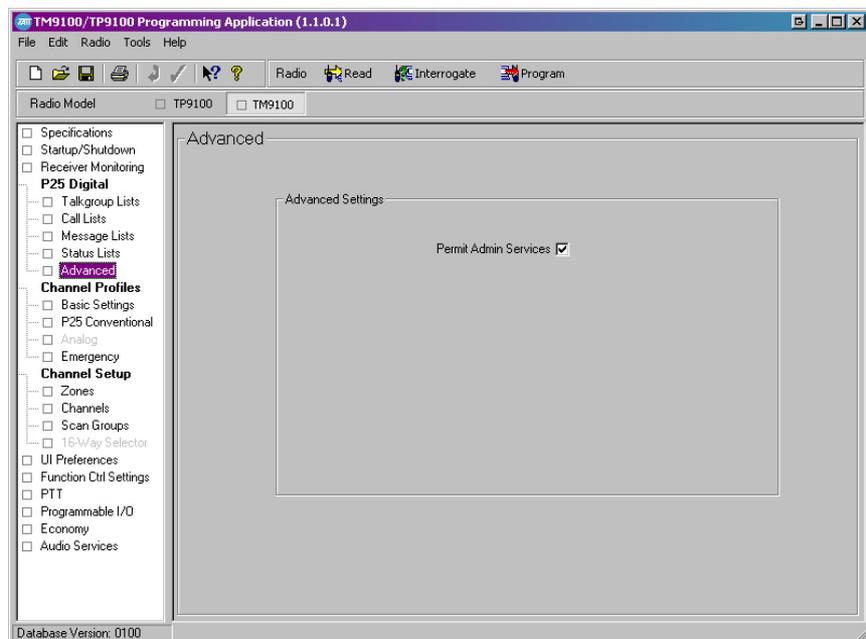
1. Introduction

Enabling the *Permit Admin Services* field on the “Advanced” page determines whether the radio will operate as a terminal, or operate in a dispatch console role. Radios acting as a dispatch console can initiate additional administrator services such as Radio Unit Monitor and Radio Inhibit.

An SFE key needs to be purchased if this feature is to be enabled. TN-999 has been written in regard to enabling (and disabling) an SFE. Although the TP/TM9000 is not specifically mentioned, the instructions to enable the Admin Services SFE are the same as that of the TM8000.

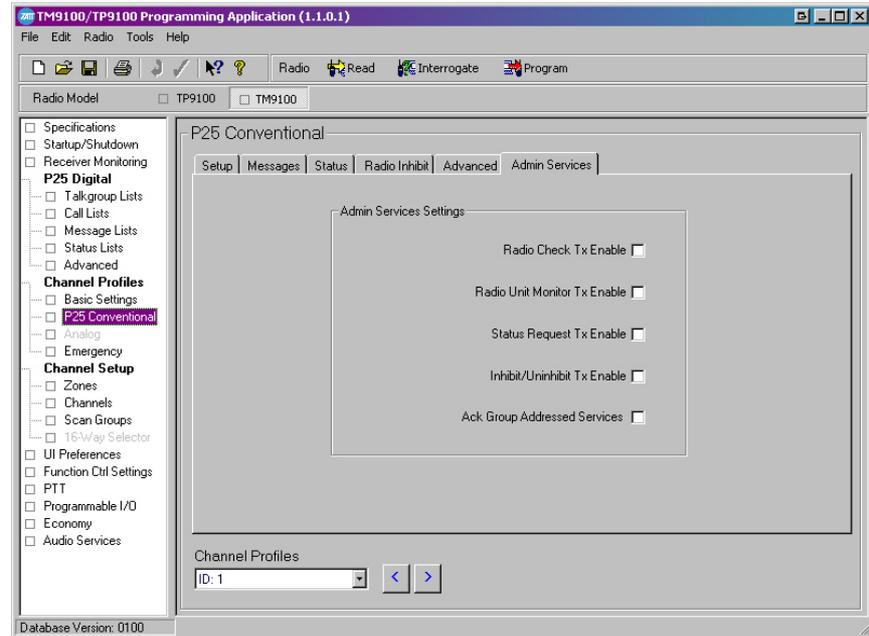
2. Information

On the “Advanced” page of the programming software there is the *Permit Admin Services* field. Select/clear the check box to enable/disable Admin Services.



Information (cont')

On the "P25 Conventional" page you will find a tab labelled "Admin Services". Here you will find the fields that can be enabled/disabled.



Radio Check Tx Enable

Sets whether or not the radio can send Radio Check requests on channels associated with this channel profile. This allows the administrator to check if the radio is in range and can receive messages, calls etc.

- Selected: the radio user can check the availability of another radio using the Radio Check menu option. The target radio can be selected from the channel profile's Call List, or dialled (any radio unit ID).
- Cleared: the menu option will be removed on channels associated with this channel profile.

Radio Unit Monitor Tx Enable

Sets whether or not the radio can send Radio Unit Monitor requests on channels associated with this channel profile.

- Selected: the radio user can remotely monitor activity near another radio using the Radio Monitor menu option. The target radio can be selected from the channel profile's Call List, or dialled (any radio unit ID).
- Cleared: the menu option will be removed on channels associated with this channel profile.

Status Request Tx Enable

Sets whether or not the radio can send Status Requests on channels associated with this channel profile.

- Selected: the radio user can request the status of another radio using the Status Request menu option. The target radio can be selected from the channel profile's Call List, or dialled (any radio unit ID).
- Cleared: the menu option will be removed on channels associated with this channel profile.

Information (cont')Inhibit/Uninhibit Tx Enable

Sets whether or not the radio can send Radio Inhibit and Radio Uninhibit requests on channels associated with this channel profile.

- Selected: the radio user can inhibit and uninhibit other radios using the Radio Inhibit and Radio Uninhibit menu options. The target radio can be selected from the channel profile's Call List, or dialled (any radio unit ID).
- Cleared: the menu options will be removed on channels associated with this channel profile.

NOTE:

While the above fields give the user the ability to initiate administrator services, the receiving radios must have the appropriate Rx Enable check boxes selected as well e.g. to inhibit/uninhibit a radio, that radio needs the two Rx Enable fields on the Radio Inhibit tab of the "P25 Conventional" page selected.

Ack Group Addressed Services

Sets whether or not the radio will send an acknowledgement when receiving a status update, message, or an emergency alert addressed to the dispatcher administering the current *Talkgroup*. A single radio on a system should be designated to send an acknowledgement in this situation, otherwise group-addressed services will not be acknowledged.

- Selected: the radio will send an acknowledgement after receiving a message, status update, or emergency alert addressed to the dispatcher administering the current Talkgroup.
- Cleared: an acknowledgement will not be sent.

If any radios in a Talkgroup (including Administrator radio(s)) have their Tx Enable for Messages and Status (on the P25 Conventional page) set to "Current Group", it needs to be noted that only radios programmed with Administrative Services enabled will receive the message/status.

Compliance Issues

None

CSO Instruction

CSO's – Please inform all technical staff, and appropriate dealers of this Technical Note

3. Issuing Authority**Name and Position of Issuing Officer**

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