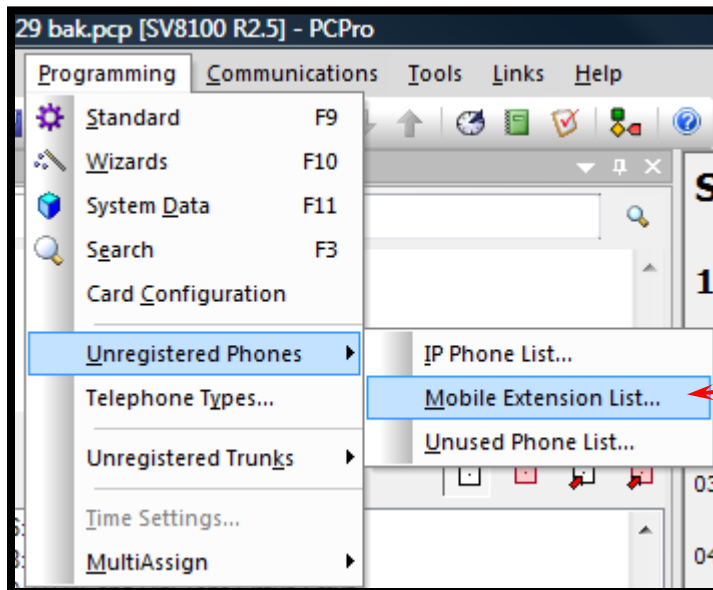


## SV8100 Mobile Extension with 3.0 CPU software or higher

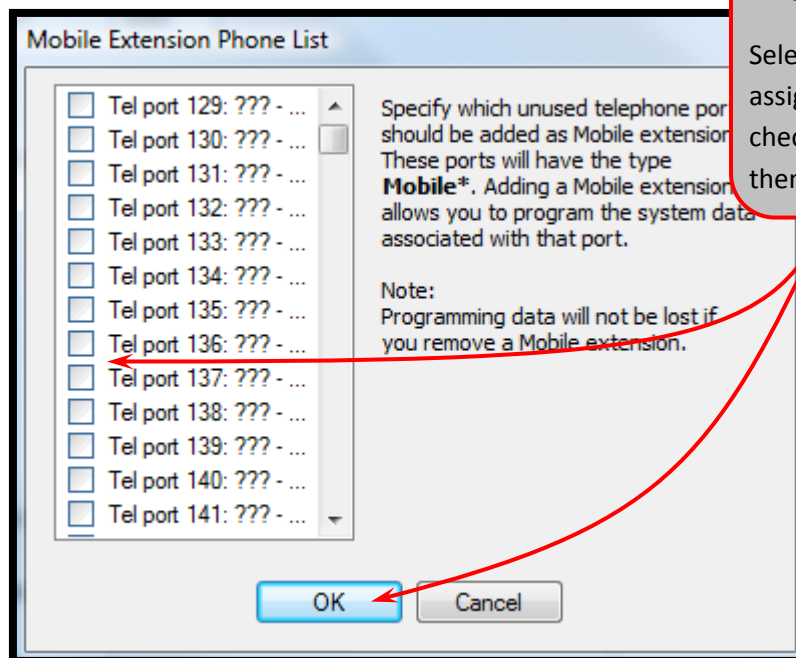
**Step 1:** Go to 11-02 and assign a valid ext number to an unused hardware port.

**Note:** Mobile Extension numbers are similar to an IP phone. You must assign a valid ext number to a port that is not currently used by existing hardware. With no ME50 on the CP00 the valid port numbers for a Mobil Extension are 01 to 64. With an ME50 the port range increases from 01 to 512.



### Step 2:

In PCPro go to Programming/Unregistered Phones/Mobile Ext list.



### Step 3:

Select the extension numbers previously assigned in command 11-02 by placing a check in the box next to the number and then select **OK**.

**Step 4:**  
Expand the extension list and select the mobile extension previously assigned.

15-22: Mobile Extension Setup

Extension: 109: Mobile\* - STA 109 - Port 009

Extension	Mobile Extension Speed Dial Target	Connection Confirmation	Trunk Access Code
109	1999	Confirmation is required on all lines	Use normal trunk access code as per PRG
110	1998	Confirmation is required on all lines	Use normal trunk access code as per PRG
111	1997	Confirmation is required on all lines	Use normal trunk access code as per PRG
112	1996	Confirmation is required on all lines	Use normal trunk access code as per PRG

**Step 5:**  
Per mobile extension assign a speed dial bin. Valid bin numbers are 1-1999.

**Note:** It is recommended to start at the last speed dial bin and work backwards.

**Optional Step 5a:**  
Per mobile extension select how a connection is completed when the outside party answers the call.

If **“Confirmation is required”** the outside user answers the call and must press the **“star”** button (after hearing the double tone from the SV8100) to be connected to the call.

**“Confirmation is not required”** allows the outside user to be connected to the calling party as soon as they answer the call.

15-22: Mobile Extension Setup

Extension: 109: Mobile\* - STA 109 - Port 009

Extension	Mobile Extension Speed Dial Target	Connection Confirmation
109	1999	Confirmation is required on all lines Confirmation is required on all lines Confirmation is required on only analog lines Confirmation is not required
110	1998	
111	1997	Confirmation is required on all lines
112	1996	Confirmation is required on all lines

**Note:** If the call is to return to the SV8100 voice mail, in an unanswered condition, Confirmation must be assigned. Without this set calls may route to the VM of the outside number E.g. cell phone VM or home answering machine.

### 80-03: DTMF Tone Receiver Setup

01 - DTMF Receiver for Extensions

01 - Detection Level: -5dBm~-30dBm

**Step 5b:**  
If ISDN trunks are utilized CM 80-03-01 MUST be set as shown.

**Step 6:**  
Command 13-04 select the speed dial bin assigned in **Step 5**.  
  
Enter the phone number for the offsite connection (eg: Cell Phone number).  
  
**Note:** You do not need to assign the trunk access code.

### 13-04: Speed Dialing Number and Name

Speed Dial (0~1999): 1999

Speed Dial	Number
1999	2142622053

### 24-09: Call Forwarding Fixed Settings

ICM Extension: 101: MLT - STA 101 - Port 001

01 - Call Forward Type: Call Forward Both Ring

02 - CO Call Forward Destination for Both Ring, All Calls and No Answer: 109

03 - Intercom Call Forward Destination for Both Ring, All Calls and No Answer: 109

04 - CO Call Forward Busy Destination: 109

05 - Intercom Call Forward Busy Destination: 109

06 - Call Forwarding Destination for CTX/PBX for All Call and No Answer: [ ]

07 - Call Forwarding Destination for CTX/PBX Busy Destination: [ ]

**Step 7:**  
Go to command 24-09 and select the user's **internal** extension number.  
Set the **Call Forwarding Type** as to the user's preference (Call Forward **Both** will allow the internal station, and offsite number to ring at the same time).  
Set the destination to the Mobile Extension previously assigned in Step1.

### Mobile Extension calls to SV8100 VM

**24-09: Call Forwarding Fixed Settings**

ICM Extension  ⏪ ⏩ ⏴ ⏵

01 - Call Forward Type

02 - CO Call Forward Destination for Both Ring, All Calls and No Answer

03 - Intercom Call Forward Destination for Both Ring, All Calls and No Answer

04 - CO Call Forward Busy Destination

05 - Intercom Call Forward Busy Destination

06 - Call Forwarding Destination for CTX/PBX for All Call and No Answer

07 - Call Forwarding Destination for CTX/PBX Busy Destination

For unanswered Mobile Extension calls to go to the SV8100 Voice Mail go to Command 24-09 and select the mobile extension number from the drop down ICM Extension list.

Change the call forwarding type to Call Forward No Answer. Set the destinations to the Voice Mail Pilot.

### Passing Incoming caller ID to the Mobile Extension

This feature is *ONLY* available when the outbound call is made on a **ISDN PRI/BRI** or **SIP** trunk. The passing of incoming caller ID on an outgoing call is not available in all areas. Please contact the trunk provider for details.

**Note:** Most Telco's do not allow **Caller ID Pass Through** by default.

24 - Trunk to Trunk Outgoing Caller ID Through Mode

#### Step 1:

Enable command 14-01-24 on all PRI or SIP trunks. This should **NOT** be enabled on copper trunks.

With CM 14-01-24 enabled the incoming call (DID, DIL, etc) to the extension will transfer the originating caller ID to the mobile extension user.

## Passing Incoming caller ID to the Mobile Extension on a transferred call

If the calls are transferred (to the station that is forwarded to the mobile extension) additional programming may be required. In the case the user's extension is forwarded All Calls or Both Ring to the Mobile Extension, ARS Class of Service will be necessary.

### 26-01: Automatic Route Selection Service

01 - ARS Service

02 - Network Outgoing Inter-digit ARS Time

03 - ARS Incorrect Dialed Number Handling

06 - ARS CoS Match Access

07 - F-Route Access CoS Reference

**Step 1:**  
 Enable ARS CoS Match Access (26-01-06) and change F-Route Access CoS Reference (26-01-07) to ARS Table.

### 26-02: ARS/LCR Dial Analysis Table

Table Entry (1~400)  🔍 ⏪ ⏩

Table Entry	Dial Data	Service Type	Additional Data	ARS CoS
001	<input type="text" value="1"/>	F-Route Access	<input type="text" value="1"/>	<input type="text" value="1"/>
002	<input type="text" value="1"/>	F-Route Access	<input type="text" value="10"/>	<input type="text" value="2"/>
003	<input type="text" value="911"/>	F-Route Access	<input type="text" value="2"/>	<input type="text" value="1"/>
004	<input type="text" value="911"/>	F-Route Access	<input type="text" value="10"/>	<input type="text" value="2"/>
005	<input type="text" value="@@@"/>	F-Route Access	<input type="text" value="3"/>	<input type="text" value="1"/>
006	<input type="text" value="@@@"/>	F-Route Access	<input type="text" value="10"/>	<input type="text" value="2"/>

**Step 2:**  
 A dialing entry for each ARS COS is required (**above is an example**). Whenever PRI or SIP trunks are utilized in a system, ARS/F-Routes with MAX digits should be assigned. For transferred calls to pass the originating caller ID properly the Mobile Extension port must be assigned to a class of service that does not utilize the max digits feature. In this example ARS-COS 1 will be assigned for regular station dialing and ARS-COS 2 for the Mobile extension dialing.

**Step 3:**  
Command 26-04 assign all regular stations to ARS Class 1 and Mobile Extensions to Class 2.

### 26-04: ARS Class of Service

Extension: 101: MLT - STA 101 - Port 001

Extension	Mode 1	Mode 2	Mode 3	Mode 4
101	1	1	1	1
109	2	2	2	2

### 44-05: F-Route Table

F-Route Table (1~500): 1

	1	2	3
01 - Trunk Group	1	0	0
09 - Maximum Dialing Digit	11	0	0

**Step 4:**  
Command 44-05 assign the correct Maximum Dialing Digit for all ARS Class 1 F-Route entries in Step 2.

**Step 5:**  
Command 44-05 DO NOT assign the max digits for all ARS Class 2 F-Route entries (Mobile Extension dialing).

### 44-05: F-Route Table

F-Route Table (1~500): 10

	1	2	3
01 - Trunk Group	1	0	0
09 - Maximum Dialing Digit	0	0	0