

ProFile

- Broadcasts new radio personalities over the air to radios in the field
- Is a time-saving software solution for large radio fleets or those impacted by rebanding



XG-75



Unity[®] XG-100M

ProFile is Harris' Over-the-Air Programming (OTAP) solution for reading and writing P25^{IP}, Enhanced Digital Access Communications System (EDACS[®]), and ProVoice™ radio personalities over the air. In operating and maintaining a trunking system, the system administrator periodically must change the personality of field radios. The majority of the changes deal with group structure, radio operating parameters, changes/additions to the configuration of the trunked system, and changes to encryption keys.

In the past, the logistics of locating and reprogramming radios has been time consuming and labor intensive. ProFile provides tremendous improvement in efficiency and flexibility.

Powerful Productivity Tool

ProFile provides the capability to change the

radio's entire personality over the air. Other systems only offer remote channel expansion.

ProFile's execution is self-contained in the radio software and hardware, without an external data device attached to the radio. Over-the-air programming is accomplished with ProFile Manager, which was developed to make wireless programming simple and easy to perform. ProFile Manager sends and receives information to/from radios via P25^{IP} or ProVoice/EDACS packet data.

The radio operator can interrupt the programming process if necessary simply by depressing the Push-to-Talk (PTT) button or declaring an emergency. Once a radio personality update is successfully completed, the radio automatically resets itself, switches to the new

personality, and returns to normal operation.

If reprogramming is unsuccessful, the radio continues to operate using the existing programming settings. ProFile Manager informs the operator of the status.

ProFile Manager

ProFile Manager communicates with radios through either an EDACS Data Gateway (EDG™) or the P25^{IP} Mobile IP Subsystem (PMIPS) with Internet Protocol (IP). ProFile Manager works with ProGrammer™ to download the personality files. ProGrammer creates, modifies, and stores personality information while ProFile Manager delivers the personality over the trunked network to the desired radios. ProGrammer and ProFile Manager work together to make network maintenance easier and more controllable.

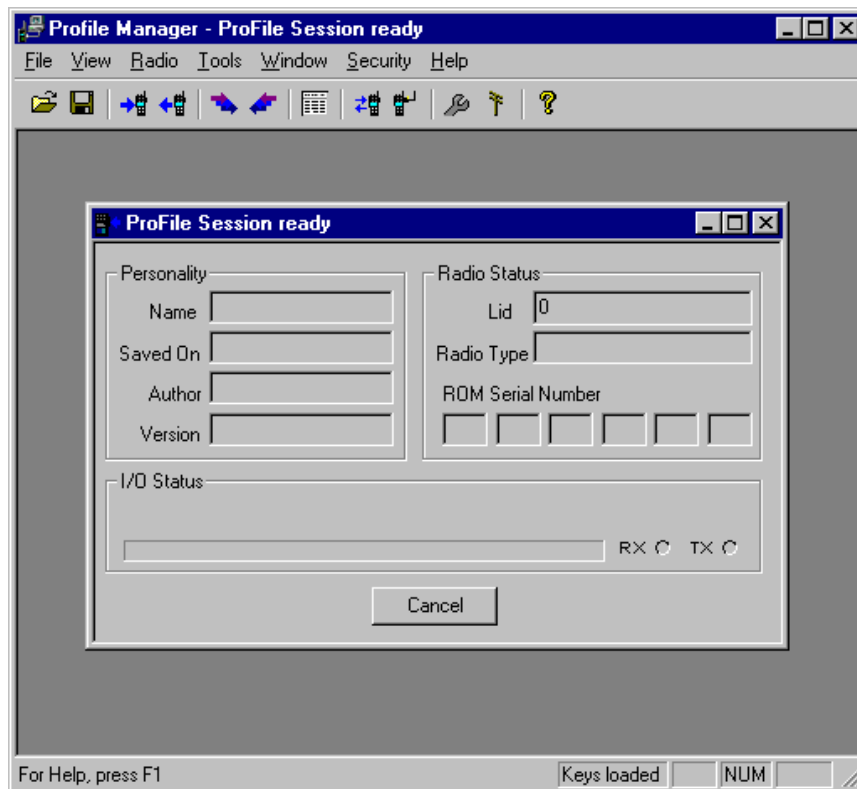
Radios Supported

<u>Portables</u>	<u>Mobiles</u>	<u>Legacy Portables</u>	<u>Legacy Mobiles</u>
Unity® XG-100P	Unity XG-100M	P7200	M7200
XG-75	M7300	P7100 ^{IP}	M7100 ^{IP}
P7300	M5300	P5200	Jaguar 725M
P5500	XG-25M	P5100	Orion™ (Version 4 Hardware)
P5400		Jaguar™ 700P and 700Pi	
P5300		LPE-200™	
XG-25P		M-RK™ (Version 4 Hardware)	

Note: The Mobile Data option is NOT required to run ProFile.

Software Operating Systems Supported

Microsoft® Windows XP™



ProFile Session in Profile Manager