

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. This exceeds the remote channel expansion capabilities found on other systems.

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 the Radio Personality Manager (RPM) and ProGrammer™ to download the personality files. RPM and ProGrammer create, modify, and store personality information while ProFile Manager delivers the personality over the trunked network to the desired radios. RPM, ProGrammer, and ProFile Manager operate together to make network maintenance easier and more controllable.

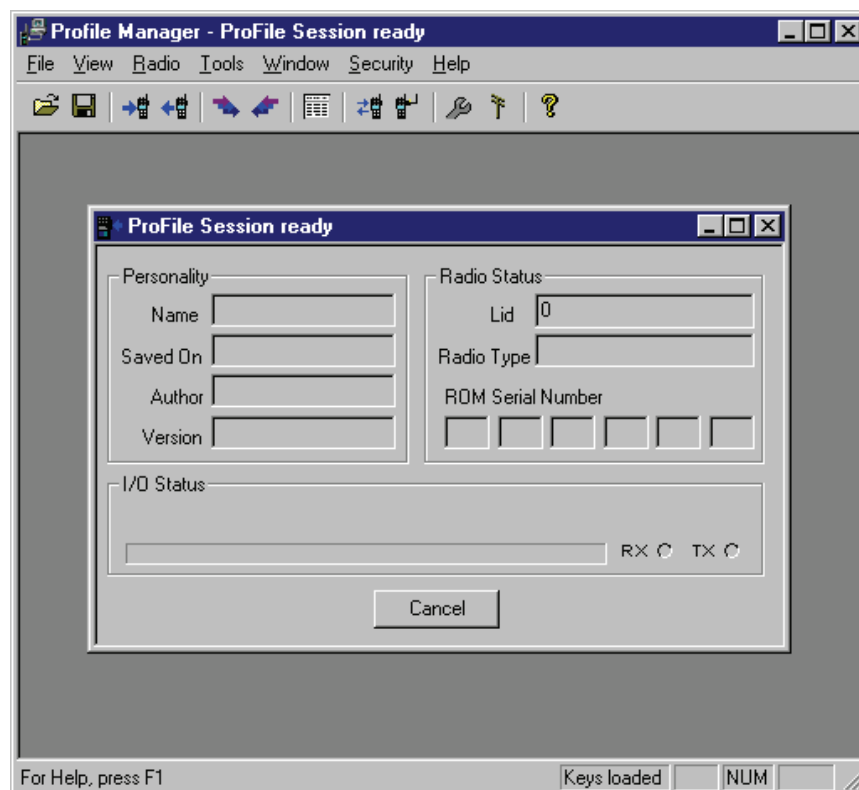
Radios Supported

Portables	Mobiles	Legacy Portables	Legacy Mobiles
XL-200P	Unity XG-100M	P7200	M7200
Unity® XG-100P	XG-75M	P7100 ^{IP}	M7100 ^{IP}
XG-75	M7300	P5200	Jaguar 725M
P7300	M5300	P5100	Orion™ (Version 4 Hardware)
P5500	XG-25M	Jaguar™ 700P and 700Pi	
P5400		LPE-200™	
P5300		M-RK™ (Version 4 Hardware)	
XG-25P			
XG-15P			

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

Software Operating Systems Supported

ProFile Manager runs on Windows Server® 2003 and Windows® 7 operating systems



ProFile Session in ProFile Manager

