



APPLICATION **NOTE**

Processor IT Requirements

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PROTOCESSOR IT REQUIREMENTS

This document describes the IT requirements for the Protoprocessor, used in the 3RU (G8220) headend.

The Protoprocessor acts as the main user interface for the paging and music system. It is an IP enabled device that serves up web pages for the System Manager user interface. System Manager allows the installer and end user to configure all the parameters for the system, such as volumes, channel zoning, EQ settings and Contours. The configurations for both the Protoprocessor and System Manager are password protected. The Protoprocessor connects to the customers network via a 10/100 Ethernet port. The operating system of the Protoprocessor is Linux.

By default, the web server is set to port 80 and telnet and FTP are disabled. Customers can opt to keep the Protoprocessor behind the firewall and only allow users inside the firewall to access the system. If external/remote access is required, VPNs can be set up, or NAT port forwarding may be setup in the company's firewall. The Protoprocessor can also utilize Field Pop for remote access with no firewall changes. Field PoP is a cloud based interface with interactive global monitoring and activation that allows the user to quickly and easily access, adjust, or run diagnostics for the entire n.FORM system.

Although the Protoprocessor supports both dynamic and static IP address assignment, it is desired that the Protoprocessor be given a static address. This allows users to easily remember the Protoprocessor's address. Alternatively, an FQDN can be setup that maps to this IP address.



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