

ADA Paratransit Information Systems Overview

The Contractor shall maintain and operate Information Systems consisting of a local area network (LAN) to be located at the Contractor's facility, subject to written approval by Marin Transit, and consisting of the following components:

1. One (1) Hewlett Packard Windows 2003r2 Proxy Gateway server. Used as the primary Domain Controller.
2. One (1) Hewlett Packard Windows 2003r2 server running Microsoft SQL Server 2005. Used to hold the Trapeze PASS Database.
3. One (1) Hewlett Packard Windows 2003r2 server running Trapeze PASS Scheduling Application. This server runs the applications used for Scheduling rides.
4. One (1) Hewlett Packard Windows 2003r2 server running Trapeze PASS-MON Application. This server handles communication between the server running Mentor xGate for mobile computing and compiles the information for consumption by Trapeze PASS.
5. One (1) Hewlett Packard Windows 2003r2 server running Mentor Xgate Application. This server will push the current scheduling data to vehicles in the field equipped with a Mobile Data Terminal (MDT). Provides real-time data communications between driver and dispatch. Provides in-vehicle graphical interface for scheduling information.
6. One (1) Aronet 1300 Wireless Access Point (WAP), providing WLAN for vehicles equipped with MDT Ranger when visiting the Maintenance Facility yard. Primarily used for pushing larger file transfers, e.g., software updates, to MDTs installed on buses.

Figure 1 the server configuration as installed on the current Paratransit Provider's network at 15 Jordan Street, San Rafael, California, 94901.

Figure 2 is a Network Diagram.

Figure 1. Physical Layout of Information Systems

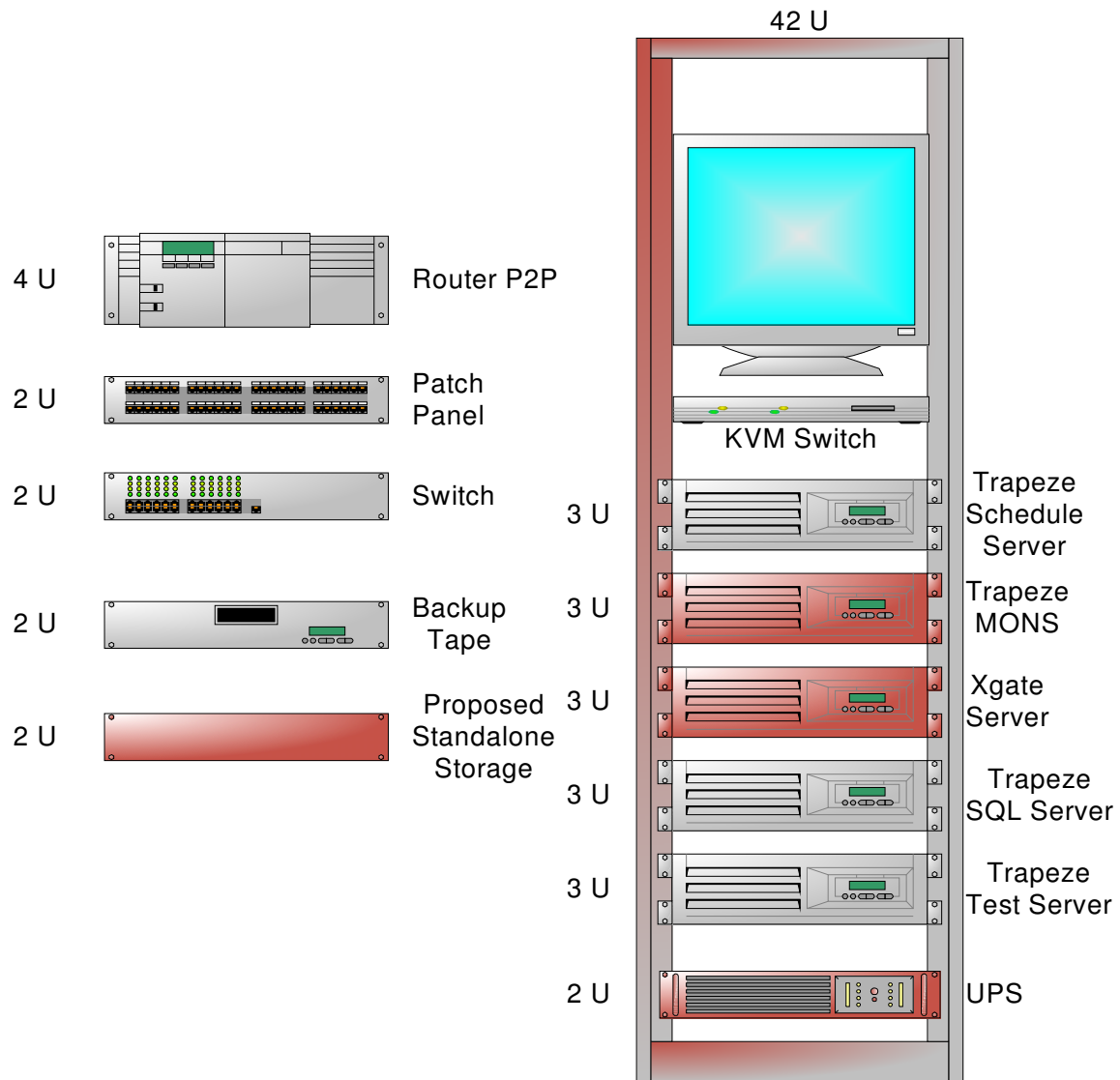


Figure 2. Network Diagram

