



MASON COUNTY PUBLIC UTILITY DISTRICT, WASHINGTON, USA



Public Utility Districts are formed by rural communities to get electrical, water, sewer, and telecommunications services at cost, without profit. In Washington State, 24 PUDs are the source of electricity for almost 700,000 customers.

Mason County PUD 3 supplies 34,000 customers around Shelton, Washington with electricity and fiber optic.

Pacific Electronics Inc. supplied a Tait Digital Mobile Radio (DMR) communications solution, integrated with console equipment from Essential Trading Systems Corp.

The communications network operates across 7 sites, utilizing Tait DMR Tier 3 trunking, TB9300 base stations, and mid-tier Dell network controllers with a high availability feature for redundancy backup. 34 ETC CS-64 Desktop Consoles are connected to the network via a multicast gateway, and a Tait Network Gateway that converts the audio to 4-wire E&M.

The desktop consoles are in use at several locations and allow the station users immediate access to the Tait DMR network. The users can also contact or broadcast to other station users on the other console station channels independent of the radio network for administrative discussions.

In addition to the reliable field communications provided by the Tait DMR network, the ETC consoles are an effective and affordable access point to the network for people in stations.



WASHINGTON,
USA

LOCATION



UTILITIES

EXPERTISE

SOLUTION OVERVIEW

- ▶ Tait DMR Tier 3 Network
- ▶ 7 sites
- ▶ 34 ETC CS-64 Desktop Consoles

BUSINESS BENEFITS

- ▶ Reliable Communications
- ▶ Flexibility
- ▶ Increased Efficiency
- ▶ Value for money