The heart of the TWACS system, with its easy-to-use graphical interface, provides fast access to AMI data, allowing utilities to promptly answer customer inquiries.

The TWACS Net Server (TNS) with TWACS OC (Operations Center) software manages the TWACS communications network and controls advanced metering data for utilities. The software employs a relational database and a Windows-based interface to manage the data generated by a utility’s metering operations.

TWACS Net Server with TWACS OC Software delivers

**Server/client control**
- Firewall compatible
- Flexible system accessibility
- Permissions-based data access
- Enhanced upgradeability

**Network management**
- Intuitive setup and configuration
- Simple updates and modifications
- Two-way addressing for communication
- Minimal substation maintenance

**Automatic meter reading**
- Commercial metering with demand reset
- On-request meter reads
- Tamper detection and diagnostics
- Billing file creation and integration

**Third-party interfaces**
- Customer information systems
- Billing programs
- Meter data management systems
- Load research software
- Outage management solutions

**Optional TNS applications**
- Power Reliability Outage Assessment System (PROASYS®)
- Prepaid UtiliSales™
- Demand response system
- Distribution automation solution
TWACS Technology Software
System Diagram

TWACS®
Network Server
(TNS)

- Application server
- Database server
- Communications server

Equipment setup • Network monitoring
Configure data collection • User setup

On-request readings • Historical reads
Meter investigations

Load Control & Demand
Response Unit (DRU) • Capacitor Control
Remote Disconnect Control

Verify Meters Have Power
Blink Count Analysis • Restoration Checks

Equipment Management
Data Transfer • AMI System Control

Formatted Commands
Transaction results
Communication stats

Substation communications
equipment

Power-line commands

TWACS®
Transponder

Optimum® software
MultiSpeak® compliant
interface for CIS, OMS, and GIS

Demand Response and
Distribution Automation
Solutions

Outage and
Restoration Monitoring

Substation
communications
equipment

Application server
Database server
Communications server

TWACS® OCS
AMI System
Management

Aclara
945 Hornet Drive, Hazelwood, MO 63042 | P: 800.297.2728 | F: 314.895.6543
info@aclara.com | www.Aclara.com

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