

Cable Plant Operations Information

Where You Need It...When You Need It.

Four Dynamic Tools to Improve Your Productivity:

Z3-1800

Z3PM

Z3CLI

Z3VM



Z3-1800

The Z3-1800 is the foundation of the Tec-Trac workforce productivity product line. This ruggedized PalmOS™ based handheld terminal has an integrated bar code scanner. It delivers timely maintenance and work order information to field technicians and collects data real time while the technician is performing maintenance functions.

All data is entered through the web interface to the central database or directly into the Z3-1800 handheld terminals. Paper record keeping is eliminated. Transcription errors are reduced and hundreds of man hours are saved by not having to compile paper records.

The information stored on the Z3-1800 is a subset of the data in the Z3PM, Z3CLI and Z3VM databases. If records in any registered Z3-1800 or the central database are changed, the other registered Z3-1800s and databases are updated through a regular synchronization process. Timely data is available to both the field workforce and management.

- **Planned maintenance is scheduled and follow up is checked.**
- **Information regarding equipment (e.g. nodes, power supplies and batteries) is kept "real time" and accessible both in the field and in the office.**
- **Employee productivity is monitored and stored. The time of each maintenance visit, the length of each visit and travel time between maintenance visits is recorded.**
- **Asset management is improved by carefully tracking installation dates, warranty dates and mean time before failure. Budget forecasts are easily generated.**
- **Detailed inventory of equipment is maintained and available for reports.**
- **Replacement inventory levels are minimized due to accurate knowledge of field equipment condition.**
- **System reliability is vastly improved and money is saved by enforcing and tracking a comprehensive maintenance program.**
- **Reporting can be done on any individual device or an entire system.**



Z3PM

Z3PM provides comprehensive tracking, scheduling and reporting of a cable system's active components. Z3PM is a back end database that works in conjunction with one or more Z3-1800 Field Data Terminals. Each "active" (e.g. node, power supply or amp) is entered into the database along with installation dates, vendor information and location. Every time a technician visits the active, information is recorded on the Z3-1800 and subsequently downloaded to Z3PM. A record of every maintenance visit is kept along with the date and time, the technician who performed the visit and any corrective actions taken.



- Power consumption of each device as well as power utility information can be used in negotiation with power providers.
- Detailed accounting of maintenance by employee.
- Detailed accounting of maintenance by active device.
- Tracking of warranty, MTBF and cost data.
- Aids in "matching" batteries.

Z3CLI

Z3CLI is used for tracking and repair of system leaks. The Z3CLI database maintains a complete record of every leak reported, each work order issued, status of work orders, corrective actions taken, staff member credentials and equipment calibration. Data from popular CLI recording systems can be directly imported into the Z3CLI database.

In the field, technicians use the Z3-180 to enter real time data on leak related field activity. This data is then synchronized with the master Z3CLI database when the technician returns from the field.

Manual record keeping is eliminated, saving hundreds of man hours and increasing the effectiveness of your leak maintenance program. Quarterly compliance reports can be generated eliminating time consuming manual completion of FCC forms.



- Compatible with industry leading GPS based CLI recorders
- Channel Listing – FCC Form 328 Compliant
- CLI of Infinity – FCC Form 320B Compliant
- ELD Calculation
- Canadian CLI Calculation
- Staff Member Credentials
- Staff Member Evaluation Dates
- Equipment Calibration Records
- Quarterly Progress Report
- Work Order Log
- Quarterly Statistics Report
- Community Report – FCC Form 320 Compliant
- System Info Report – FCC Form 320 Compliant

Z3VM

Z3VM brings the same convenience and time saving capabilities of Z3PM and Z3CLI to your vehicle maintenance program. Z3VM will save money and help keep your fleet operational by scheduling and tracking vehicle preventive maintenance activities. Z3VM also will help demonstrate compliance with OSHA requirements by keeping regular vehicle condition records.

- Track Fuel Purchases
- Calculate MPG
- Scheduled Maintenance
- Insurance Cost and Expiration
- Vehicle Registration
- Non scheduled Maintenance
- Purchase Date
- Purchase Price
- Registration Cost



Tec-Trac, Inc.

Tec-Trac, Inc.

9925 Haynes Bridge Rd.
Suite 200-140
Alpharetta, GA 30022

(toll free) (866) TEC-TRAC
(voice) (678) 822-6860
(fax) (678) 547-3045