

Affordable Remote Monitoring and Control Services

Real-time remote monitoring of transformers provides operators access to data, permitting maximum loading for “stressed” operating conditions by providing real-time readings rather than standard MVA ratings.

Transformers suspected of being close to failure, can be monitored in real-time, with multi-stage alarming to immediately warn technical personnel of upcoming operational limits.

M2M’s machine-to-machine application for transformer monitoring provides secure web-based access to operational and historical data such as winding temperature, oil temperature, and dissolved gases that can be used to maximize transformer performance, minimize downtime, and provide alarm notification.

- Requires minimal or no capital; low, fixed monthly service fees
- Reduces lost revenue by eliminating or reducing operational down-time
- Lowers overall operation costs
- Extends life of equipment
- Reduces man-hours for roving electricians by providing automated monitoring
- Allows access through the Internet to multiple department personnel on demand.
- Provides real-time 24X7 monitoring and alarming (cell phone, pager, PDA, email)
- Scales quickly from a few assets/sites to thousands
- Provides historical data trending to aid in future system planning
- Improves “Quality of Service”
- Backed by Service Level Guarantees

For customers that have transformers not already connected to a SCADA system, M2M can provide a complete Internet-based solution called iSCADA.



Transformer Monitoring

No lengthy deployments.
No training. **No Risk.**

Drop-in, end-to-end
solution that frees up your
field staff

Starting at **\$25/Month**
with packages/options that
match your assets' values

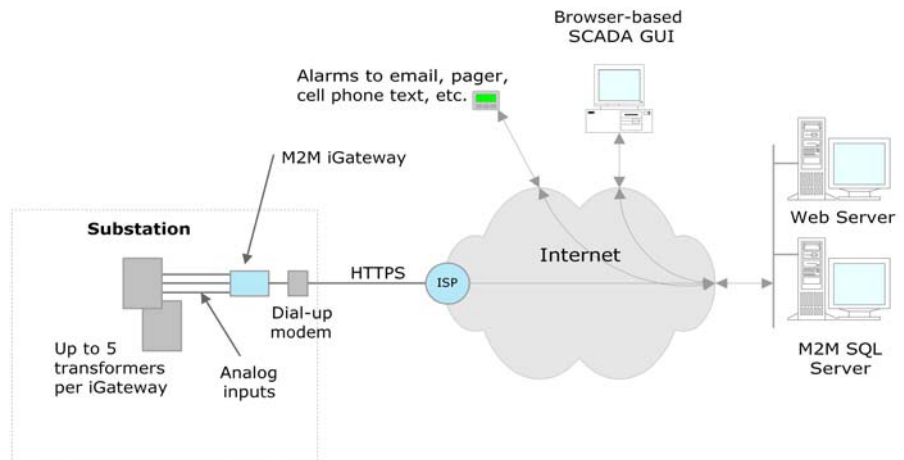


M2M Headquarters:

9785 Maroon Circle, Suite 210
Englewood, CO 80112
T: 303.768.0064
F: 303.799.8828
www.m2mdatacorp.com

Typical payback on an M2M smart field solution is less than 1 year

M2M solutions completely automate and manage transformers, allowing operators to achieve new levels of efficiency, asset optimization, and profitability.



- Reliable; backed by service level guarantees
- Fastest time-to-service; hassle-free, turnkey solution
- Scalable; monitor one asset or numerous dissimilar assets
- Compatible; data ported directly to other back-office software applications
- Alarm notifications; cell phone, pager, PDA, and email
- Real-time displays; rich, graphical screens, all automated operational parameters on demand
- Archived database; historical, trending, and operational data
- Broad communications options; radio, microwave, satellite, and terrestrial