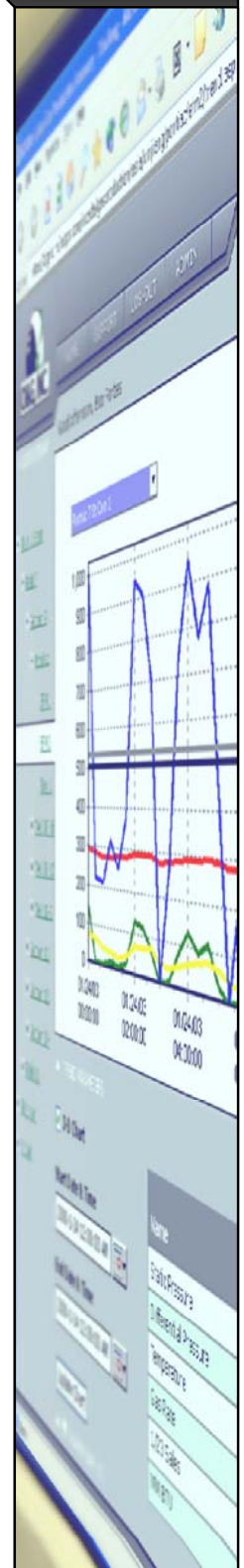# iDATA ™

M2M datacorp ™

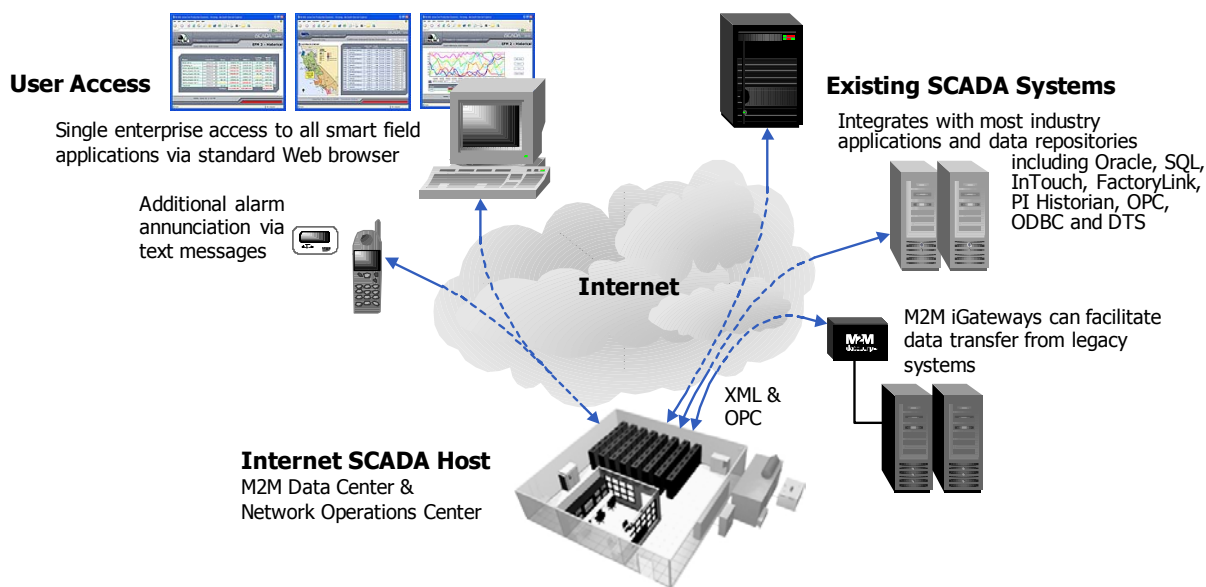## SCADA Integration and Aggregation

iDATA is an end-to-end data utility service used to aggregate disparate SCADA systems, diverse data formats, and geographically dispersed applications into a single enterprise view. M2M's iDATA monitoring services and applications allow customers to achieve new levels of efficiency and profitability.

iDATA offers a flexible, open architecture that fits into your environment, no matter how complex, and handles the specific challenges of communicating and integrating with diverse back office and remote systems.

IDATA includes complete data displays, alarm annunciation, trending, and reporting via a standard web browser interface.

Rich, User-friendly Interface	Aggregated data is presented in a common format with full SCADA management features including reporting, trending, and alarming.
Simple Integration	Integrates with most industry applications and data repositories, including Oracle, SQL, InTouch, FactoryLink, PI Historian, OPC, ODBC and DTS Multiple.
Transport Protocols	Broad support of diverse transport protocols including TCP/IP, DNP, UDP, HTTP(S), and FTP.
Open Data Support	Handles most data formats, including XML, CSV and plain text.
Communications Support	Communications expertise and partnerships provide economical and best-of-class options for appropriate communications links, including Internet, dedicated, private, terrestrial, and satellite.
Turnkey Infrastructure	Comprehensive network infrastructure that ensures data integrity, availability and security, and M2M's network operations center provides complete management of the facilities that transport the data payload.
High Security	Defense-in-depth security including strong encryption of data and communications, multi-factor authentication, IDS, firewalls, hardened OS and system architectures, and stringent security policies and procedures.

User Access

Single enterprise access to all smart field applications via standard Web browser

Additional alarm annunciation via text messages

Internet

Internet SCADA Host
M2M Data Center &
Network Operations Center

XML & OPC

Existing SCADA Systems

Integrates with most industry applications and data repositories including Oracle, SQL, InTouch, FactoryLink, PI Historian, OPC, ODBC and DTS

M2M iGateways can facilitate data transfer from legacy systems

Single Enterprise View
Operational data is monitored and trended as a whole for the first time.

Faster Response Time
Real-time aggregated data means operating issues can be more quickly identified and addressed.

Lower Costs
Reduces staff hours dedicated to system operations, maintenance, and training.

Technology Freedom
Data acquisition, monitoring, and control technologies can be deployed free of vendor or technology dependencies.

Expansion Flexibility
New SCADA technologies and applications can be added one at a time whenever you want, wherever you want, and over project lifecycles that make the most sense.

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