

# Gold Mine Centralizes Energy Management Data and Ensures Utility Bill Accuracy with PowerLogic® ION EEM

Canada



“The reports generated are now 100% reliable – no errors in utility bills – since all of the Excel spreadsheet-based, manual data logging has been eliminated,” says Mr. Langford. “And at least 40% of the time required to consolidate the information has been saved.”

An Ontario-based gold mine wanted to install a centralized enterprise energy management and reporting system for its mining operations. The system would have to collect relevant energy and operational data from the mines and provide advanced analysis, billing verification and cost allocation tools for this data.

“Our customer needed an enterprise level, feature-rich and expandable energy information system to allocate energy usage and costs, understand the cost and energy usage of various corporate entities, and make good energy management decisions,” says Eric Langford, President, Langford and Associates. Also, the energy information system needed to provide maximum uptime.

## PowerLogic ION EEM Facilitates Energy Management of Multiple Sites from a Central Location

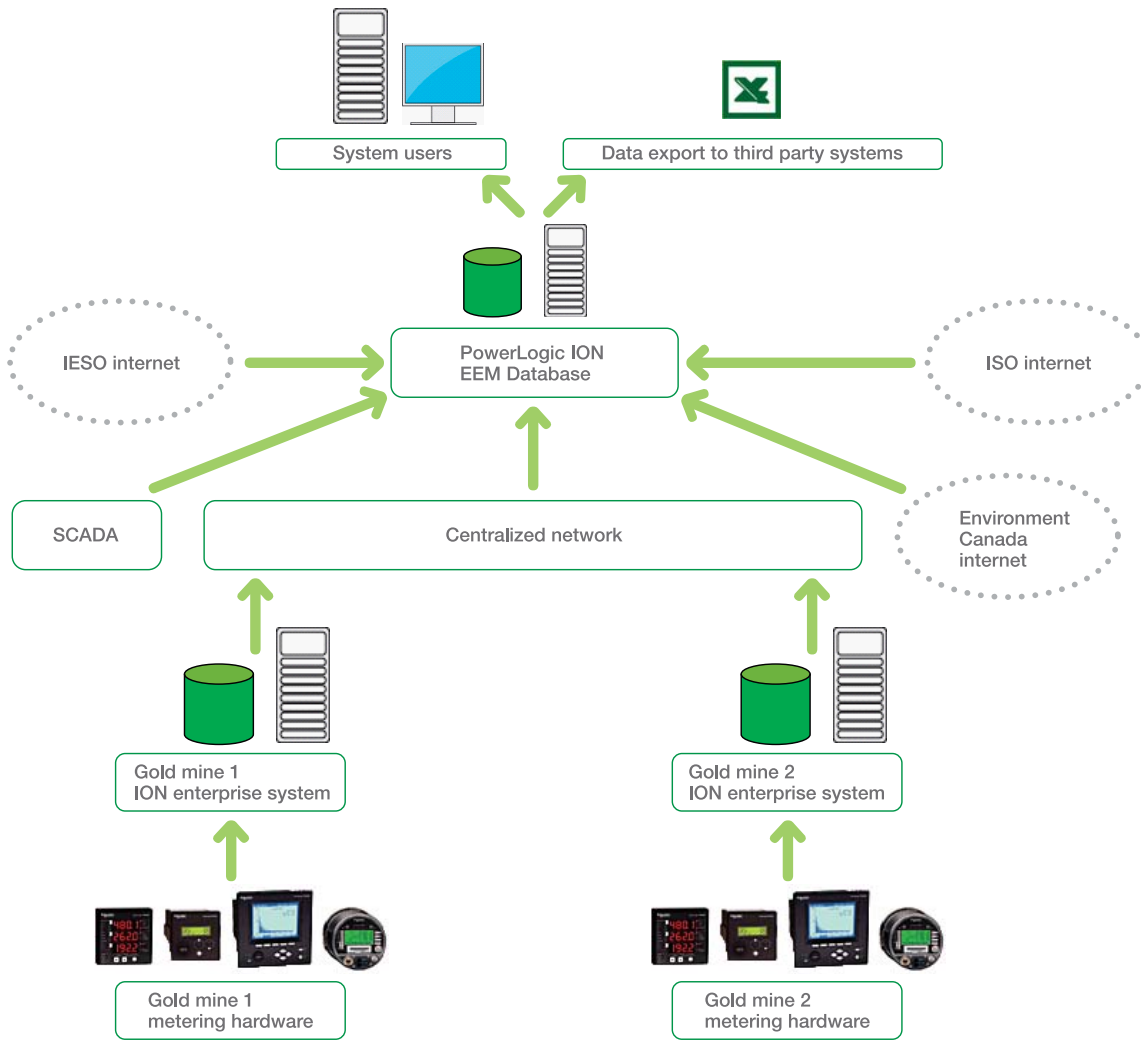
“Schneider Electric’s PowerLogic ION enterprise energy management system (EEM) gives the gold mine the centralized enterprise energy management



## Specific PowerLogic ION EEM Reports Include:

- > Trending
- > Energy/demand
- > Daily and monthly peak demand
- > Bill summary and comparison reports
- > IESO energy commodity rates
- > Custom IESO interval data-validation reports

## Schneider Electric Case Study > Ontario Gold Mine



and reporting system they need,” continues Mr. Langford. “It collects relevant energy and operational data from the mines and gives them advanced analysis, billing verification and cost allocation tools for this data.”

PowerLogic ION EEM integrates data from each mine’s local PowerLogic ION Enterprise system. Data from both ION Enterprise systems are audited to ensure the appropriate collection of data before being integrated into PowerLogic ION EEM. Up to 2,000 individual data points – such as energy, demand, power, temperature and flow – can be configured for scheduled importing into ION EEM from the two ION Enterprise databases. Additionally, IESO billing data, pricing/ demand data from the New York ISO and Environment Canada weather data will be imported from the Internet into the EEM database for integrated reporting with the mine energy data. The system allows for billing verification and sub-billing based upon the IESO rate structure, and New York ISO pricing.

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Specific reports include trending, energy /demand, daily and monthly peak demand, bill summary/comparison reports, IESO energy commodity rates and custom IESO interval data validation reports.

Schneider Electric provided training during the commissioning phase, so that gold mine employees can manage day-to-day activities, such as modifying and maintaining reports and analyses, user accounts and data archives.

The customer also appreciates Schneider Electric's annual support contract, because it gives their ION EEM administrators immediate priority access to service technicians and software assurance, guaranteeing that they have access to the latest releases of ION EEM software.



### Contact Us

For more information on this application, please contact  
nicholas.stgermain@  
ca.schneider-electric.com

#### Schneider Electric Canada, Inc.

19 Waterman Avenue  
Toronto, ON M4B 1Y2  
Tel: 1-800-565-6699  
www.schneider-electric.us

