



## Near Real-Time Reading in Thailand



Country: **Thailand**

Segment: **Transmission and Distribution**

Started: **2007**

### Project Background

Provincial Electricity Authority (PEA) a government enterprise under the Ministry of Interior in Thailand, faces twin challenges of energy theft and innately manual meter reading. To overcome these challenges, PEA looked for a solution to improve revenue collection and customer satisfaction for industrial customers in Thailand.

### Solution and Benefit

Since 2007, EDM I has deployed high-accuracy three phase smart meters that read every 15 minutes to retrieve the profile for real-time demand load management. EDM I's head end system, MultiDrive collects the energy profile, reading from over 90,000 meters over GPRS/GSM and also reads billing data in different billing cycles.



**Near real-time reading**



**Better asset management with a single AMR system**



**Reduced non-technical losses through real-time tampering alarms**



**Easy to operate**

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### Products and Services Provided

Smart Meter	Mk6E, Mk6N, Mk10E
Network Equipment	Cellular 2G and 3G
Head End System	MultiDrive

### Testimonial

*Provincial Electricity Authority (PEA) and EDMI have been working together since 2007 to deliver AMR system in Thailand. The service that EDMI provides is beneficial in our effort to overcome the challenges of energy theft, technical losses and imprecise meter readings. We look forward to more collaboration with EDMI in years to come.*

**Sakorn Payakkarueng**, Deputy Governor  
(Operation and Maintenance), PEA