ATOM
Acquisition and Total Optimisation Management

Overview

Innotech® ATOM is a comprehensive Data Acquisition, Billing and Optimisation Management Tool. ATOM enables you to analyse historic data, generate reports and billing information while helping you to analyse and monitor the performance of your building and environmental impact.

ATOM can be integrated into any new or existing buildings using your current infrastructure.

ATOM can be configured to acquire data from supported SQL Server databases, and generate billing and reporting information using a Tenant/Services database that can be customised to suit your application.

ATOM can be enabled as either a standalone solution or as a multiuser web based solution with support for up to 10 concurrent users via **Innotech Magellan Server**.

Features

- Dynamic Graphical User Interface
- Real time monitoring of system data
- Comprehensive data analysis suite
- Set Daily Targets for each Tenant/Service
- Set tariffs, administration costs, tax rates and specific Tenant/Service data
- Coloured indication when usage exceeds the set targets
- Full Reporting and Billing capabilities. Generate report and billing data with relevant and timely information
- Password control with ability to set multiple-level user access
- Seamless integration with Innotech products and devices
- Integrated support for various Building Services protocols including: BACnet MSTP, BACnet/IP, OPC, Modbus RTU and Modbus TCP
- Relational database support for Microsoft® SQL Server® 2016 R2
- Connect to a local or remotely accessible SQL Server database
- Available as a single computer solution, or as a multi-user web-based solution with support for 10 concurrent connections over a network or internet connection
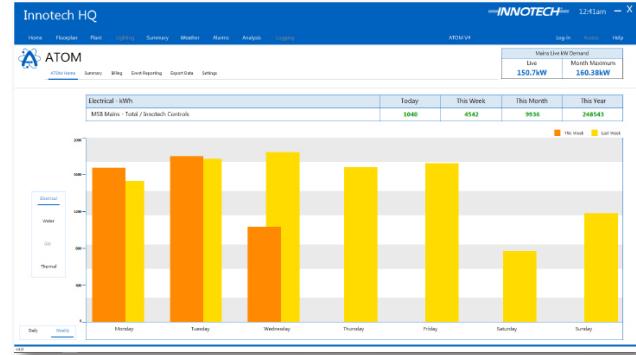
Applications

- Report on various building services: Electrical, Water, Gas, Hours Run for HVAC Equipment, Energy and Carbon Emissions (CO2-e)
- Generate reports and bill Tenants for various building services: between specific times and dates, including usage reports and activity statements for hours run
- Monitor all Primary Meters, and analyse your complete Environmental Impact and Totalisation of Resources
- View and identify inefficiencies in your system to reduce costs and lessen your environmental impact

Specifications

- Electronic security key for software protection required for use
- Requires a supported SQL Server database for data acquisition Supported versions listed below

Supported SQL Server Databases

- Microsoft SQL Server 2016 R2

Supported Operating Systems

- Windows® 10 Professional 64-bit
- Windows® Server 2016 R2

Minimum System Requirements

- Intel® Pentium® 2.8GHz dual core processor or better
- 4GB of RAM
- 15MB Hard Disk Drive space
- 1920 X 1080 display
- Keyboard and mouse or compatible pointing device

Real time Monitoring

- View the entire system at a glance with live updating system performance
- Monitor real time data via high level integration

Data Analysis

- Review, analyse and compare historical data over any hour, day, week, month, year or multiyear time frame
- Coloured indication when usage exceeds the set targets
- View individual Tenant/Service performance, set targets based on current and historical data
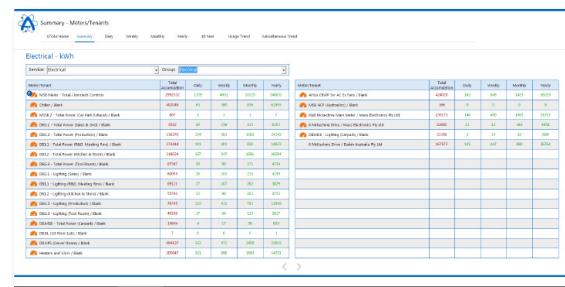
Reporting and Billing

- Generate reports for different periods of time: Daily, Monthly, Yearly and Multiple Years
- View individual Tenant/Service performance, set targets based on current and historical data
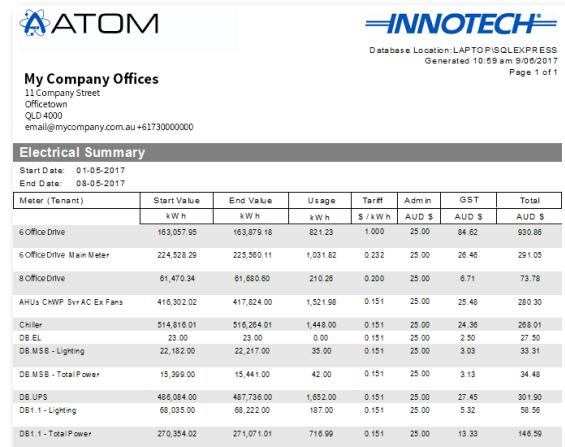
Australian Owned, Designed & Manufactured
by Mass Electronics Brisbane

@ sales@innotech.com   www.innotech.com   +61 7 3421 9100

© MASS ELECTRONICS Pty Ltd 2005

INNOTECH and the INNOTECH logo are registered and unregistered trademarks of Mass Electronics Pty Ltd in Australia, the USA and other countries.