



reduce energy, increase profitability, take responsibility

RUMM'S IBASS Features & Benefits (Internet Based Analytical Software Suite)



IBASS is RUMM's proprietary energy management software suite, that reports and targets energy consumption using advanced analysis and alarming.

VISUALISATION

- Accessed via a secure login section of the RUMM website, clients are able to access their site's IBASS data from anywhere in the world
- The data can be easily viewed in either yearly, monthly, weekly, daily or bespoke formats drilling down to the half-hourly profiles that "hold" the secrets to energy savings"
- Using client utility tariffs, the data can also be displayed as consumption, carbon or cost

ANALYSIS

- IBASS provides the client with a suite of tools designed to help them further analyse consumption by comparing different meters at different times - for example, comparing three lighting meters from midnight to 4am from Monday - Friday).
- This function is useful in bill verification
- The client can also apply SPC rules to their data to help them see which values are outside of predetermined thresholds.
- IBASS provides the client with the facility to save profiles, with the view to creating benchmarks against which later consumption or alternative meters can be compared

THIRD-PARTY INTEGRATION

- IBASS also has the facility to divide consumption by any other factors (e.g. production, floor area or degree days), creating a Specific Energy Consumption (SEC) chart useful in determining efficiency of a process or site
- The RUMM Pulse proprietary data acquisition system can integrate to BMS level and provide this data in an intuitive format via IBASS

ALARMS

- Since it can be difficult to find the time constantly each day to ensure a site is running at peak performance, the RUMM IBASS software also contains a variety of alarms to ensure that consumption is not increasing
- Threshold alarms that can be applied to flag if daily/monthly consumption is above a pre-defined limit – this can be used to warn clients if they are approaching their maximum demand
- Consumption alarms that can be set over a specific time period - e.g. baseload, which can flag a maximum value or total consumption over that range
- In addition to these analytical alarms we also have faulty meter alarms that help identify any maintenance related issues

IBASS Summary

- Feature rich Monitoring, Targeting and Analysis
- Virtual sites / virtual meters
- Multi-site visualisation and analysis
- Bill validation
- Cumulative savings profiles
- Advance alarming functionality
- Dashboards
- DICTAT
- Provides site specific benchmarking
- BMS visualisation
- Individual site degree day analysis
- Statistical Process Control (SPC) analysis
- Easy data export/import to integrate with standard enterprise financial applications
- Live meter readings from any site anywhere in the world to any remote data delivery device (e.g. Blackberry/iPhone)

Future IBASS Developments

Dashboards

Creation of bespoke client dashboards giving immediate and easy visual displays of data on three levels - operational, strategic and management.

DICTAT - (Detection of Irregular Consumption Using Advanced Technology)

Close links with the University of Glamorgan, RUMM's research partner, allows RUMM to carry out cutting edge work on forecasting.

This is allowing the development of models with more complex variation and structures to be built, calibrated and tested in real life application employing remote technology.