

D.A.T.A Engineering

Data Analysis & Technical Advisory

Accurate. Reliable. Secure.

Data Management

- **Data Acquisition**
- **Data Visualization**
- **Data Analysis**
- **Data Archival**

Data Acquisition

Data Acquisition
Data Visualization
Data Analysis
Data Archival

- Instrumentation
- Measurement
 - Chiller Plant (Air/Water)
 - AHU/FCU/WCPU
 - Lighting
 - Mechanical Ventilation
 - IAQ Measurements
 - Local Weather Stations

Data Visualization & Presentation

- Program-based 2D, 3D Graph Plots
 - Time Series/Scatter Plot
 - Cross-Parameter Plots
 - Moving Averages
- Histograms
- Psychometric Graph Plotting
- Realistic Building Modeling & Simulation

Data Analysis

- Data Conditioning
- Statistical Extraction
 - Maximum/Minimum
 - Mean/Mode
 - Standard Deviation/Variance
- Parametric Studies via Simulation
- Optimization with Scientific Methods

Data Archival

- Secured Storage
 - Isolation of Individual Accounts
 - Back Up
 - Software Protection
 - Physical Protection
- Data Mining
 - Benchmarking
 - Information Extraction
- Data Retrieval

Other Services

- Testing and Commissioning
- Modification/Testing of existing ACMV Systems
- Third Party Services/Expert Opinion
- Air/Water Balancing
- Expertise/Equipment Rental
- Performance Monitoring
- Facility Management/ Maintenance Contracts
- Awards Consultancy
- Mechanical & Electrical Design

Other Services

- Specialized Services
 - Measurement & Instrumentation
 - Power Quality Monitoring
 - Indoor Air Quality Assessment



Power

is in the knowledge.

D.A.T.A Engineering Pte Ltd