

# AEGIS DCIM



- Conteg has developed the AEGIS DCIM system which collects, analyzes and reports all relevant information using standardized data communication protocols. With DCIM, you have full control of your data center.
- Data centers have changed considerably over the years due to the evolution of information technology, becoming the critical nerve center of today's enterprise. Efficiency has become an important global topic among end-users, policy makers, technology providers and facility architects.
- Contains a real-time performance dashboard, with metrics such as PUE, EUE, EER, etc. Monitors data center status, reporting defects/equipment malfunctions and temperature problems such as excessive humidity. AEGIS also controls strategic equipment, improving PUE.
- PUE (Power Usage Effectiveness), developed by The Green Grid, is a data center metric used to measure overall efficiency. PUE is equal to the total power used by the facility to support the IT load (cooling, UPS and lighting, for example) divided by total IT equipment power consumption. In general, PUE calculations (as opposed to manually gathered information) take place on a monthly basis. Manual calculation is only useful for reporting. If you want to improve data center operation, metrics should be based on real-time information.
- Improving efficiency reduces both your data center's operational expenses (OPEX) and carbon footprint, assuring overall facility compliance with both current and developing governmental regulations. Data center monitoring and control is vital for maintaining maximum availability of your critical operations.

## AEGIS DCIM

Conteg's AEGIS DCIM (Data Center Infrastructure Management) is a complete monitoring application for managing data center infrastructure.

## DATA CENTER EFFICIENCY

Improving efficiency reduces both the data center's operational expenses (OPEX) and carbon footprint. It also helps make the facility compliant with current and future developing governmental regulations.

## INTEGRATION WITH THIRD-PARTY APPLICATIONS

Conteg's AEGIS DCIM is designed to operate with all types of devices, equipment and third-party software applications. Supports communication with such data bases as SAP BAPI (Business

Application Programming Interface), MS SQL server 2008, My SQL, Oracle, MS Access, ODBC, OLEDB and Grid Control (data mining tool enabling OPC and SNMP). Fully customizable, based on the individual needs of each client.


## SCALABLE SOLUTIONS

Conteg's AEGIS Infrastructure Management can be adapted to fit any scenario, meeting data center project requirements regardless of size or scale.

## TECHNICAL INFORMATION

- Metrics such as PUE, EUE, EER, etc. shown on dashboard
- Alarm for defects/equipment malfunctions and temperature problems, such as excessive humidity

- Monitoring and reporting of IT equipment energy consumption – at facility, row, rack or outlet level
- Electrical breaker load monitoring, based on actual and daily peak values
- Capacity reports
- Local and remote accessibility via standard web portal
- Data security on various levels



**For more information**, please contact our sales or technical team: [www.conteg.com/contacts](http://www.conteg.com/contacts)

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