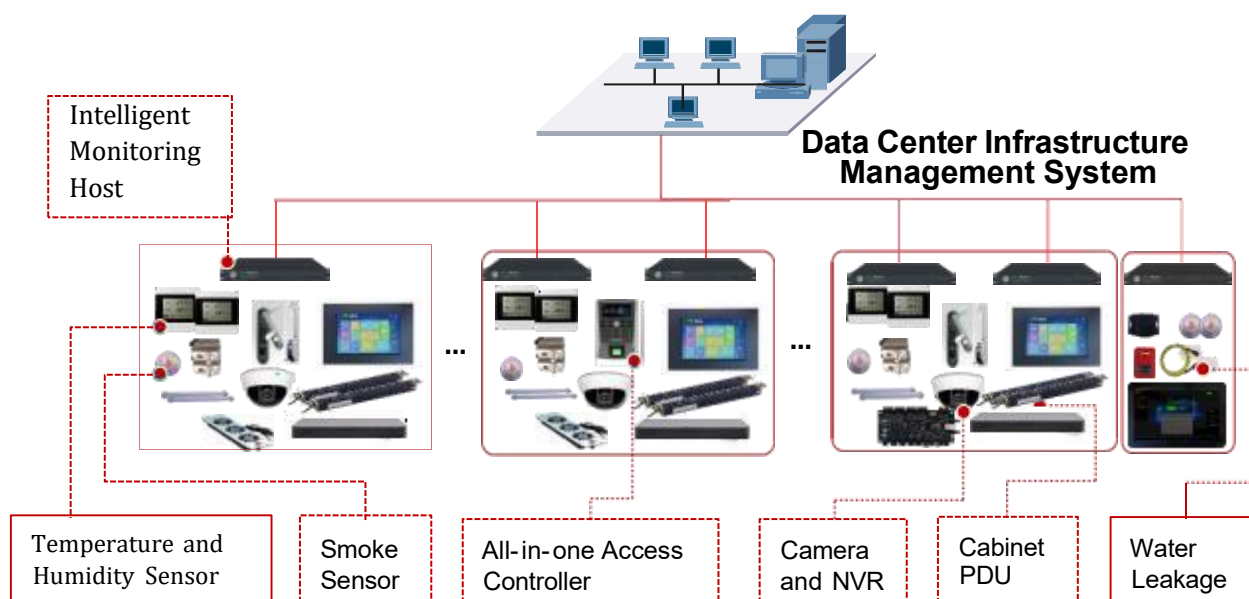


# Viruni Data Center Infrastructure Management Software (VUDCMS-1000)

## IT Infrastructure Operation and Maintenance System

Data center management system with data acquisition, processing and statistical analysis functions . It helps operators monitor the operation of infrastructure facilities in real time. Anomalous alarms could be detected and processed automatically. And all the alarms would be recorded for future event tracking, statistic querying, and trend analysis.



### Key Features




- Based On DCIM Concept
- 2D/3D Visualization Display
- B/S Architecture
- Open Interface
- Hierarchical Deployment
- Support Dual-system Hot Standby Redundancy

### Major Functions

- Environmental monitoring (Temperature, Humidity, Smoke, Water leakage, etc.)
- UPS monitoring
- Battery monitoring
- Intelligent PDU monitoring
- U-position asset management
- Air conditioner monitoring
- Access control
- Video surveillance
- Intelligent O&M
- Capacity management
- Real-time alarm (E-mail, Web)

# Data Center Infrastructure Management Software

## Main Components of Data Center Infrastructure Management Software

Device	Model	Preview	Description
Monitoring Host	IMU2000		<ol style="list-style-type: none"> <li>1U rack-mountable chassis with an HDMI interface that supports an external display.</li> <li>An embedded industrial processor with a quad-core Cortex A17 running at 1.8 GHz, 2 GB of onboard memory, and 16 GB of eMMC storage space.</li> <li>Standard single power supply unit that supports 220V AC, with a power consumption of less than 10 watts. The ports support external 12V power (less than 30W).</li> <li>It has 8 RS485 serial ports, including 2 RS232/485 compatible serial ports, 9 DI, 6 DO, 1 USB port, a MicroSD card slot, a 100/1000M Base-T Ethernet port, and optional 3G/4G modem and WIFI expansion transmission module.</li> <li>It comes with monitoring software with a B/S architecture and Web access. It can connect to a UPS, air conditioner, power distribution, access control, video, temperature and humidity, water immersion, smoke sensing, and other comprehensive power environment equipment. It includes standard monitoring functions and supports real-time data, alarm notifications, layout diagrams, equipment configuration diagrams, Analyzes different information, Provides status and reports as well as recommended solutions, and more. It also supports SNMP and operator B interfaces to report to the central environmental monitoring system.</li> </ol>
Monitoring Touch Screen	TD215E-S42-I3		<p>Industrial-grade all-in-one touchscreen computer with a 21.5-inch capacitive screen. It is equipped with an Intel i3 processor, 4 GB of memory, and a 128 GB hard drive.</p>
Temperature and Humidity Sensor	BOAIR-CXVU01		<ol style="list-style-type: none"> <li>Equipped with an LCD display, RS485 interface, MODBUS-RTU protocol, temperature range of -20°C to 70°C, humidity range of 0 to 100%RH, temperature accuracy of <math>\pm 0.3^{\circ}\text{C}</math>, humidity accuracy of <math>\pm 3\% \text{RH}</math>, 12V power supply (10V to 15VDC), white</li> </ol>



<p><b>All- in- one Access Controller</b></p>	<p>F18</p>		<p>With display screen  Power supply: 12VDC, 3A  Capacity: 3,000 and 5,000 records for fingerprints and cards  Communication mode: TCP/IP, RS232/485, USB-host</p>
<p><b>Acousto- optic Alarm</b></p>	<p>GT-ES603</p>		<p>Power supply: DC12V, 70mA  Sound volume: 108dB</p>