Welcome to the Demo of Gladius Connected Buildings

Gladius Connected Buildings is an IoT platform, which acts as a smart layer to your existing infrastructure. It provides a responsive building system that integrates IT, OT and IoT on to a single platform. Click to see how Gladius Connected Buildings can help you achieve your building management goals of occupant comfort, energy efficiency, and equipment health.

Experience our Demo NEXT
Occupant Comfort: 98%

Energy Consumption (MWH): 273

Water Consumption (MWH): 57

Equipment Health: 98%

Equipment Status:
- AHU 1 left wing: On, Working
- AHU 2 left wing: On, Faulty
- VAV 1 left wing: On, Working
- VAV 2 left wing: On, Faulty
- VAV n left wing: On, Working
- VAV m left wing: On, Working
- AHU 1 left wing: On, Working
- AHU 2 left wing: On, Faulty

Alarms Summary:
- FAHU Breakdown at WCP1: 02:56pm 23 Sept 17
- Fire Alarm WCP3-2F-070: 02:56pm 23 Sept 17

Heatmaps:
- Bangalore - MTWP1
- MTWP P1 Floor 4 Zone 1
- MTWP P1 Floor 4 Zone N

Click here to talk to our SME for a detailed discussion.
Key Performance Indicators

- **Occupant Comfort**: 98%
- **Energy Consumption (MWH)**: 273
- **Water Consumption (Cubic Meter)**: 57
- **Equipment Health**: 98%

Equipment Status

- 15 Faulty
- 966 Working

Alarms Summary

- 55 Alarms
- 2 Critical
- 22 Moderate
- 31 Normal

Ticket Summary

- 23 Overview
- 41 Critical Tickets
- 04 IOT Gen Tickets

- 211 Open Tickets
- 652 Closed Tickets
- 037 SLA Breach

- 863 Satisfied Respondents
- 75% Satisfied

- 23 Closed Tickets
- 143 Open Tickets
- 41 SLA Breach

- 037 Satisfied Respondents
- 75% Satisfied

- 37 SLA Breach
- 143 Open Tickets
- 41 SLA Breach

Overview Critical Tickets IOT Gen Tickets

- 23
- 41
- 04
- 143

- 02
- 22
- 31

FAHU Breakdown at WCP1

Fire Alarm WCP3-2F-070

FAHU Breakdown at WCP1

Fire Alarm WCP3-2F-070

City Building

Bengaluru, India

Per SqFt Overall

Compare Select Buildings

View details

Last Updated 20/04/2018 13:45:40
### CHILLER PLANT P1 AND P2

**Mfg:** Danfoss  
**Type:** ODPR22SRR50

#### Sensors Status

- **Total No Of Sensors:** 32

#### Alarms (30)

<table>
<thead>
<tr>
<th>Ticket ID</th>
<th>Category</th>
<th>Equipment</th>
<th>P Status</th>
</tr>
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<tbody>
<tr>
<td>TKT1009</td>
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<tr>
<td>TKT1234</td>
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</table>

#### View details

- **2 Faulty**
- **30 Working**

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#### Sensors Status

- **View details**

#### Last 7 Days

<table>
<thead>
<tr>
<th>Time</th>
<th>Count</th>
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</thead>
<tbody>
<tr>
<td>1st Oct</td>
<td>3</td>
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<tr>
<td>2nd Oct</td>
<td>2</td>
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<tr>
<td>3rd Oct</td>
<td>4</td>
</tr>
<tr>
<td>4th Oct</td>
<td>5</td>
</tr>
<tr>
<td>5th Oct</td>
<td>6</td>
</tr>
</tbody>
</table>

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#### Alarms

- **Chiller 1 Trip status**
- **Chiller 1 Alarm status**
- **Chiller 2 Trip status**
- **Chiller 2 Alarm status**
- **Chiller 3 Trip status**
- **Chiller 3 Alarm status**
- **Chiller 4 Trip status**
- **Chiller 4 Alarm status**
- **Primary Pump 1 Trip status**

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#### Temperature

- **Chilled water supply temp:** 14 °C
- **Chilled water return temp:** 14 °C
- **Chilled water temp. set pt.:** 14 °C

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#### Commands

- **On/Off Command**:
  - Chiller 1: On
  - Chiller 2: Off
  - Chiller 3: On
  - Chiller 4: Off
  - Primary Pump 1: On
  - Primary pump 2: Off
  - Primary pump 3: On
  - Primary pump 4: Off
  - Primary pump 5: On

- **On/Off Status**:
  - Chiller 1: On
  - Chiller 2: Off
  - Chiller 3: On
  - Chiller 4: Off
  - Primary Pump 1: On
  - Primary pump 2: Off
  - Primary pump 3: On
  - Primary pump 4: Off
  - Primary pump 5: On

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#### Status

- **Bypass flow direction:** FWD

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#### Latest Data

- **Chiller 1**
  - Trip status
  - Temperature
  - Filter

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#### Pending Actuations

- **Description of rule**
  - Cool-off Period remaining: 30 minutes
  - Value to be set to: 24

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#### Actuations

- **Value Time**
  - System
  - 14/05/2018, 12.15 pm
  - 30 minutes
  - 2
  - 4

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#### Cool-off Period

- **Remaining**
  - 30 minutes

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#### Cool-off Period

- **Remaining**
  - 30 minutes

---

#### Cool-off Period

- **Remaining**
  - 30 minutes

---

#### Cool-off Period

- **Remaining**
  - 30 minutes

---

#### Cool-off Period

- **Remaining**
  - 30 minutes

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  - 30 minutes

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  - 30 minutes

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  - 30 minutes

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  - 30 minutes

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  - 30 minutes

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#### Cool-off Period

- **Remaining**
  - 30 minutes

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#### Cool-off Period

- **Remaining**
  - 30 minutes

---

#### Cool-off Period

- **Remaining**
  - 30 minutes

---

#### Cool-off Period

- **Remaining**
  - 30 minutes
Occupant Comfort: 98%

Energy Consumption (MWH): 273

Water Consumption (Cubic Meter): 57

Equipment Health: 98%

Equipment Status: 981 Working, 15 Faulty

Total No Of Equipments: 981

Alarms Summary:
- Critical: 23
- Moderate: 143
- Normal: 652

FAHU Breakdown at WCP1: 02:56pm 23 Sept 17

Fire Alarm WCP3-2F-070: 02:56pm 23 Sept 17

Safety

Maintenance

Satisfied Respondents: 75%

Unsatisfied Respondents: 25%
### Faulty Equipment List

<table>
<thead>
<tr>
<th>Equipment ID</th>
<th>Equipment Name</th>
<th>Building</th>
<th>Priority</th>
<th>Description</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTWFAHU1</td>
<td>FAHU - 1</td>
<td>MTWP3</td>
<td>P2</td>
<td>&quot;FAHU-X&quot; HRW is inefficient</td>
<td>05/10/2017</td>
</tr>
<tr>
<td>MTWFAHU1</td>
<td>FAHU - 1</td>
<td>MTWP3</td>
<td>P2</td>
<td>Equipment is in Manual control for more than a day</td>
<td>05/10/2017</td>
</tr>
<tr>
<td>MTWCCHILLER3</td>
<td>Chiller-1</td>
<td>MTWP1</td>
<td>P2</td>
<td>BFV stuck</td>
<td>03/10/2017</td>
</tr>
<tr>
<td>MTWAHU2</td>
<td>AHU-2</td>
<td>MTWP3</td>
<td>P3</td>
<td>Pressure sensor value out of operational range</td>
<td>02/10/2017</td>
</tr>
<tr>
<td>MTWFAHU4</td>
<td>FAHU - 4</td>
<td>MTWP3</td>
<td>P2</td>
<td>Ambient Temperature sensor is to be Replaced</td>
<td>01/10/2017</td>
</tr>
</tbody>
</table>