



**SNOWLAND**  
COOLING SYSTEMS L.L.C.

# BEYOND MAINTENANCE

The Complete Refrigeration Asset Management Solution



Maintaining Equipment is a Service.  
Managing Reliability is a Partnership.

[www.snowlandgulf.com](http://www.snowlandgulf.com)



## About Snowland

Established in 1997, Snowland Cooling Systems LLC is one of the GCC's leading refrigeration engineering and cold chain specialists. With operations across UAE, Saudi Arabia, Bahrain, Qatar, and Oman, we provide complete refrigeration lifecycle solutions for retail, hospitality, healthcare, food processing, logistics, pharmaceutical, and industrial sectors.

Our expertise spans:

- » Cold Rooms & Cold Storage Facilities
- » Walk-in Chillers & Freezers
- » Commercial & Industrial Refrigeration Systems
- » Blast Chillers & Blast Freezers
- » Transport Refrigeration Solutions
- » Refrigeration Rack Systems
- » Preventive Maintenance Programs
- » Digital Asset Management Solutions
- » 24/7 Emergency Service Support

## WHY REFRIGERATION ASSET MANAGEMENT MATTERS

Your refrigeration equipment is not just machinery—it is a business-critical asset.

Unplanned breakdowns can result in:

- » Product Loss
- » Operational Downtime
- » Compliance Risks
- » Increased Energy Consumption
- » Higher Maintenance Costs
- » Reduced Equipment Life

Snowland's Refrigeration Asset Management Program transforms traditional maintenance into a strategic reliability solution that maximizes uptime, protects investments, and improves operational visibility.

## WHAT MAKES SNOWLAND DIFFERENT

### Refrigeration Specialists

Unlike general maintenance contractors, Snowland focuses exclusively on refrigeration and cold chain systems, enabling faster diagnosis, accurate troubleshooting, and superior system reliability.

### Manufacturing Strength

Snowland operates dedicated facilities for:

- » Insulated Panels Manufacturing
- » Cold Room Door Manufacturing
- » Refrigeration System Integration
- » Transport Refrigeration Solutions

Because we design, manufacture, install, and maintain refrigeration systems, we understand every component from the inside out.



## GCC-Wide Service Network

Regional support offices and technical teams across:

- » UAE
- » Saudi Arabia
- » Bahrain
- » Qatar
- » Oman



## Dedicated Service Infrastructure

- » 75+ Refrigeration Professionals
- » Fully Equipped Service Vehicles
- » Technical Supervisors & Engineers
- » Customer Support Team
- » Genuine Spare Parts Support
- » 24/7 Breakdown Assistance



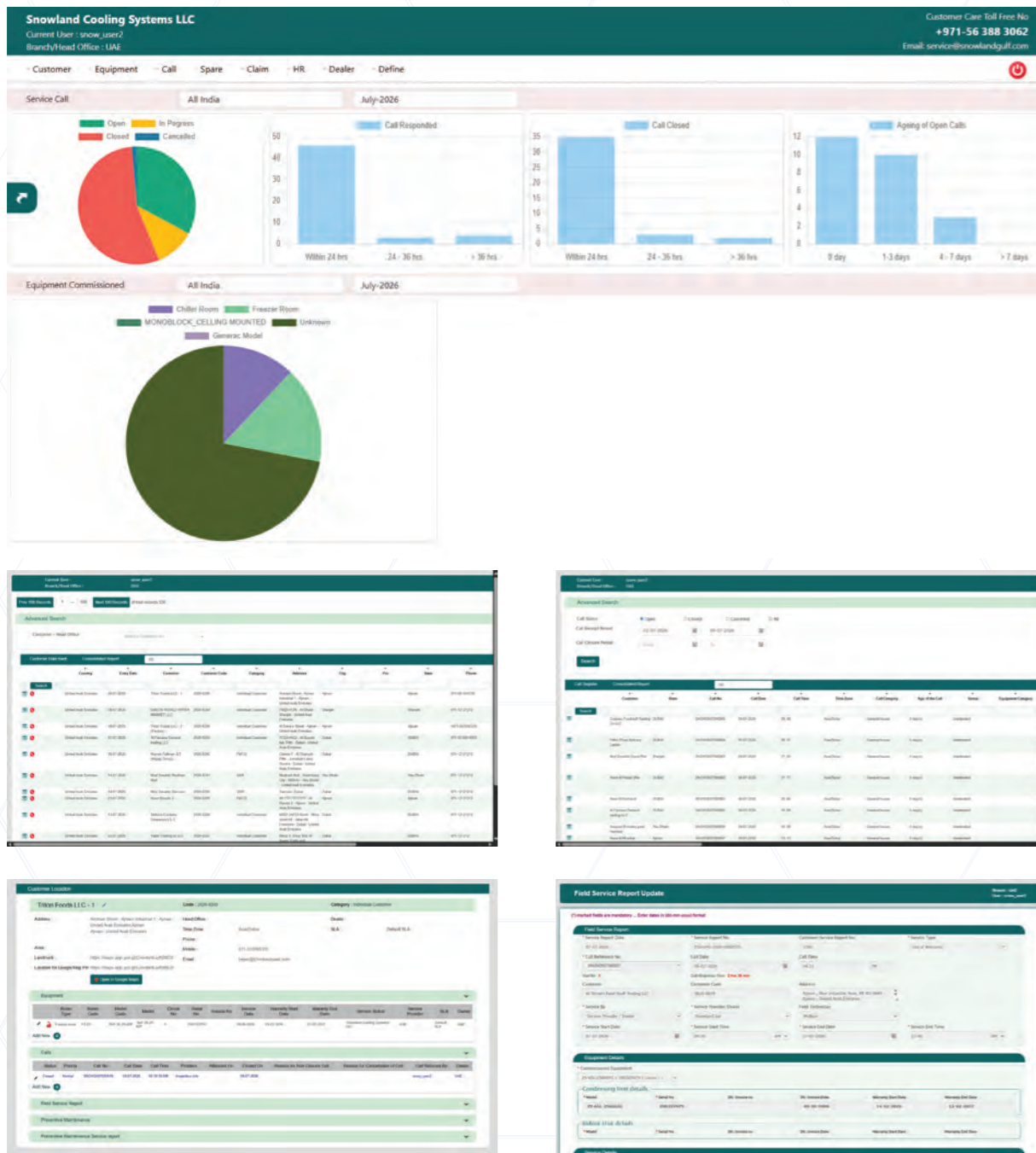
## DIGITAL REFRIGERATION ASSET MANAGEMENT

### Advanced CRM-Based Service Platform

Every refrigeration asset receives a unique digital identity containing:

- » Equipment Information
- » Serial Numbers
- » Refrigerant Details
- » Installation Records
- » Warranty Information
- » Service History
- » Breakdown History
- » Spare Parts Records

This creates a complete lifecycle record for every refrigeration asset.



### QR Code Asset Tracking

Each asset is tagged with a unique QR code.

By scanning the code, users can instantly access:

- » Equipment Details
- » Asset Location
- » Service History
- » Breakdown Records
- » Refrigerant Information
- » Warranty Status
- » Maintenance Reports

Benefits:

- » Faster Fault Reporting
- » Improved Asset Visibility
- » Accurate Service Records
- » Reduced Administrative Delays
- » Better Maintenance Planning



Room Type: \_\_\_\_\_  
 Room Code: \_\_\_\_\_  
 CDU Model No.: \_\_\_\_\_  
 CDU Serial No.: \_\_\_\_\_  
 EVP Model No.: \_\_\_\_\_  
 EVP Serial No.: \_\_\_\_\_  
 Refrigerant: \_\_\_\_\_

Tag No. \_\_\_\_\_

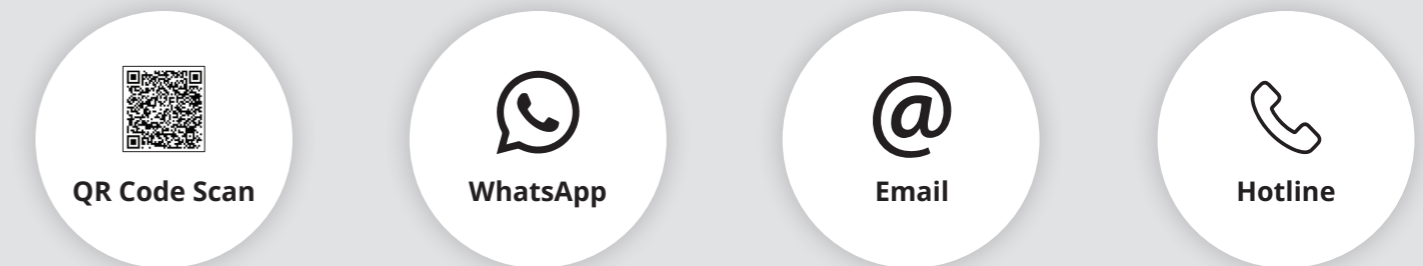
**Service Support:**  
**Whatsapp: +971 56 388 3062**  
**Landline: +971 44 568 395**  
**Emergency: +971 56 388 3062**  
**✉ service@snowlandgulf.com**

**Insulated, Refrigerated & Maintained by**  
 **SNOWLAND**  
 COOLING SYSTEMS L.L.C.

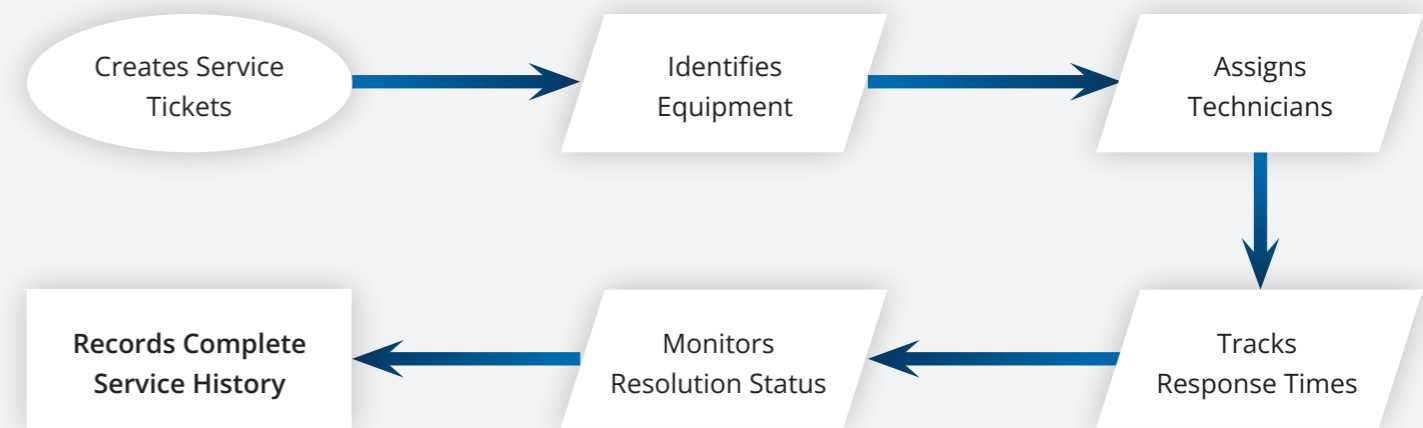
## SMART SERVICE MANAGEMENT

### Automated Service Request System

Service requests can be raised through:



### The CRM automatically:



## PREVENTIVE MAINTENANCE PROGRAM

Our Preventive Planned Maintenance (PPM) Program is designed to reduce breakdowns and extend equipment life.



### Refrigeration System Inspection

- » Operating Temperature Verification
- » Compressor Performance Check
- » Refrigerant Pressure Analysis
- » Oil Level Verification
- » Filter Drier Inspection
- » Crankcase Heater Verification

### Condensing Unit Maintenance

- » Condenser Coil Cleaning
- » Fan Motor Inspection
- » Vibration Analysis
- » Performance Evaluation

### Evaporator Maintenance

- » Coil Inspection
- » Drain Line Cleaning
- » Defrost System Testing
- » Fan Motor Inspection

### Electrical Maintenance

- » Electrical Panel Inspection
- » Terminal Tightening
- » Contactor Testing
- » Relay Inspection

### Controls & Sensors

- » Temperature Sensor Verification
- » Controller Calibration Check
- » Pressure Monitoring Validation

**THE SNOWLAND CRM AUTOMATICALLY MANAGES:**

- MAINTENANCE SCHEDULING** Automates and schedules maintenance tasks to prevent breakdowns.
- VISIT PLANNING** Plans technician visits efficiently with optimized routes and resources.
- COMPLIANCE MONITORING** Ensures regulatory and company compliance standards are met.
- SERVICE REMINDERS** Sends automatic reminders for upcoming maintenance and inspections.
- ASSET PERFORMANCE TRACKING** Monitors asset health and performance for better decision-making.
- MAINTENANCE DOCUMENTATION** Stores and manages all maintenance records in one centralized system.

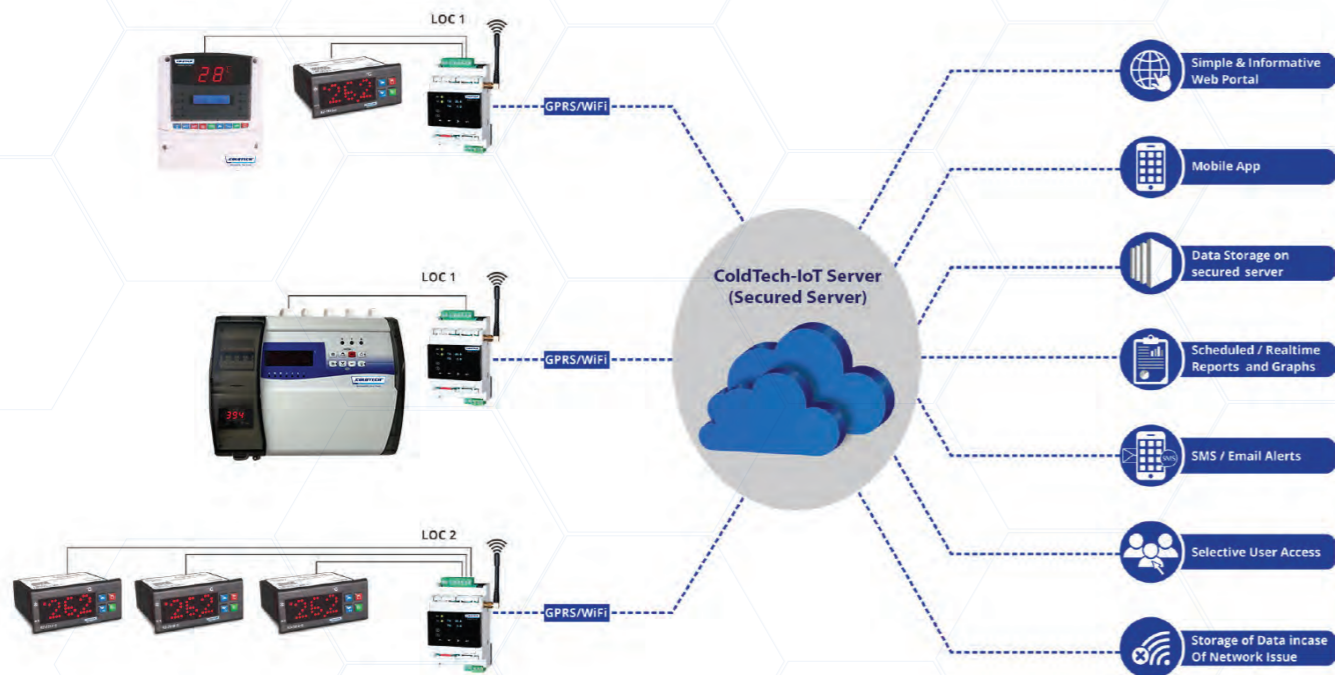
This ensures maintenance activities are completed on time and fully documented.

Reliable Equipment. Satisfied Customers. Stronger Business.



## Remote Monitoring & Predictive Maintenance Platform

ColdTech-IoT reads and exchanges monitoring data from connected controllers and systems over GPRS/Wi-Fi, linking every ColdTech control panel to the secure ColdTech cloud (iot.coldtechgroup.com). Maintenance teams gain real-time visibility of room and coil temperatures, alarms and equipment status, allowing faults to be identified and resolved before they affect stored goods.



### 24/7 Accessibility

Web portal and mobile app access to real-time status from anywhere, so issues are caught the moment they occur.

### Live Dashboard

List view and 24-hour graphs summarise every connected device's health at a glance for fast triage.

### Instant Notifications

SMS (in India) and email alerts flag faults immediately, cutting response time for engineers on call.

### Scheduled Reports

Downloadable .pdf / .csv reports, including scheduled email reports, support routine maintenance reviews.

### Historical Data Logging

Time/date-selectable history enables root-cause analysis and compliance audits (HACCP, etc.).

### Trend Analytics

Parameter graphs per device reveal drift before it becomes a breakdown, supporting preventive maintenance.

### Secure Access Control

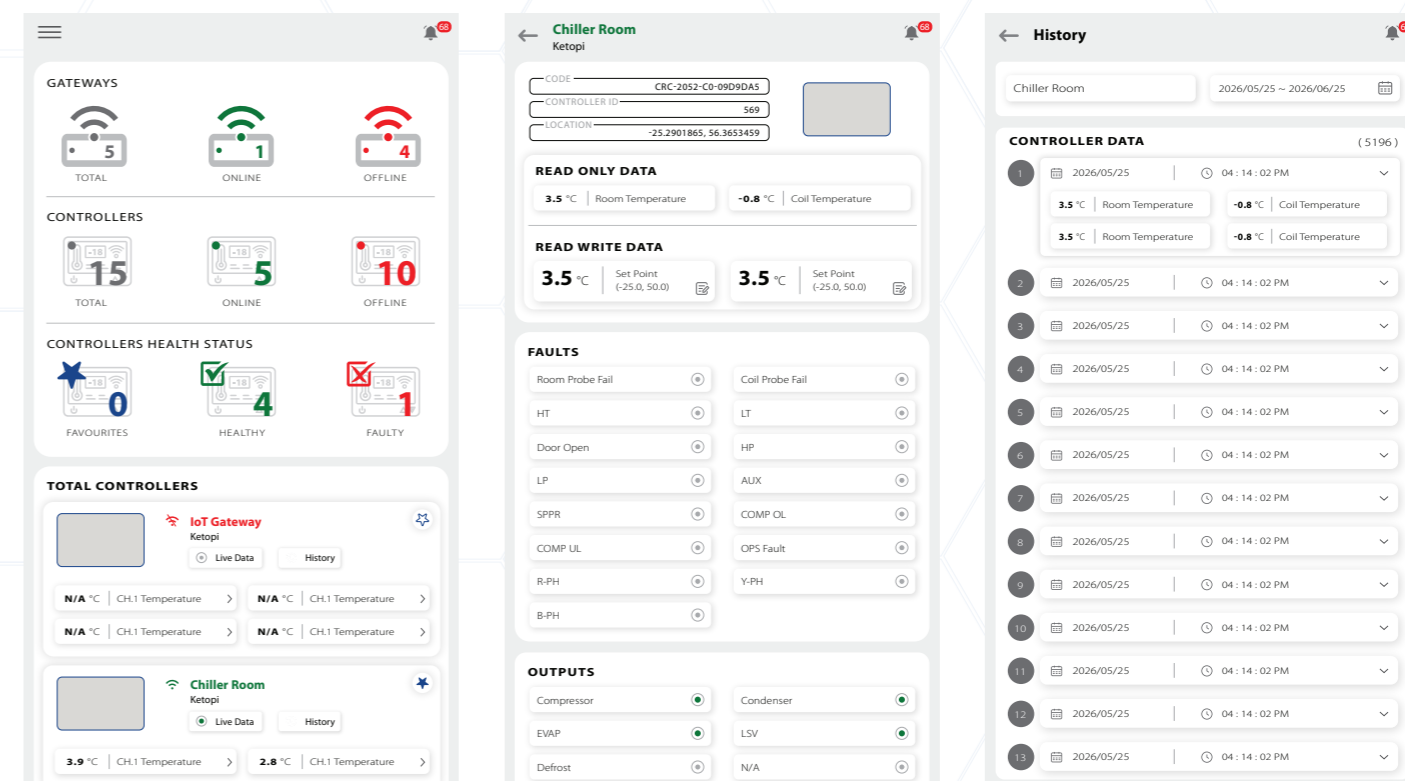
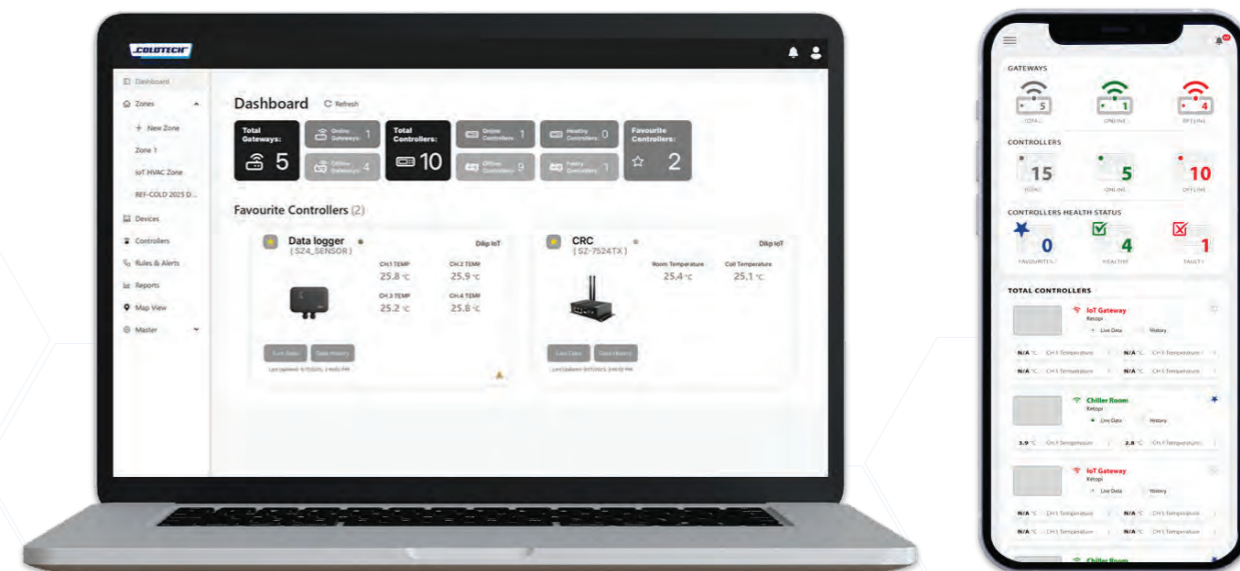
User ID / password protection with selective user access keeps maintenance data restricted to authorised staff.

### Resilient Data Storage

Data is retained on the secured server even during a network outage, so no maintenance record is lost.

## Fleet Diagnostics from Web & Mobile App

The ColdTech-IoT app gives service and maintenance teams a single interface to check fleet health, drill into a single controller's live faults and outputs, and pull historical logs for audits — cutting site visits and speeding up repairs.



### Fleet Health Dashboard

Gateways and controllers are summarised as Total / Online / Offline, with a Healthy vs Faulty count so engineers know where to focus first.

### Fault & Output Diagnostics

Each controller screen lists every fault (probe failure, HT/LT, door open, HP/LP, phase faults) alongside live output status for Compressor, Condenser, EVAP, LSV and Defrost.

### History & Audit Trail

Room and coil temperature logs are time-stamped and filterable by date range, supporting compliance checks and post-incident review.

## Management Dashboard & Reporting

Clients receive real-time maintenance intelligence through detailed reports:

- » Open Service Requests
- » Closed Service Requests
- » Response Time Analysis
- » Asset Performance Reports
- » Breakdown Trend Analysis
- » Equipment Service History
- » Preventive Maintenance Compliance Reports
- » Annual Performance Reviews

## BUSINESS BENEFITS

### Reduced Downtime

Faster response and proactive maintenance minimize operational disruptions.

### Lower Operating Costs

Preventive maintenance reduces major repair expenses.

### Extended Equipment Life

Continuous monitoring improves asset longevity.

### Better Compliance

Complete maintenance records support audits and regulatory requirements.

### Improved Budget Planning

Data-driven insights enable better maintenance forecasting.

### Greater Visibility

Real-time access to service and asset information.

### Single Point Accountability

One trusted partner managing both maintenance and asset performance.

## INDUSTRIES WE SERVE

- » Retail & Supermarkets
- » Hotels & Hospitality
- » Food Processing Facilities
- » Logistics & Distribution Centers
- » Pharmaceutical Storage
- » Healthcare & Medical Facilities
- » Restaurants & QSR Chains
- » Industrial Manufacturing Plants

Snowland delivers more than maintenance services.

We provide a complete Refrigeration Asset Management Ecosystem designed to maximize equipment reliability, reduce lifecycle costs, improve operational visibility, and protect your cold chain investment.

### SNOWLAND COOLING SYSTEMS LLC

Dubai | Saudi Arabia | Bahrain | Qatar | Oman | Abu Dhabi

### Service Support:

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