



NaxerTech Limited offers complete solution for real-time monitoring of temperature in Cold Storages, Refrigerated Trucks, Green Houses, Poultry Farms and Server Rooms.

NaxerTech's Monitoring solution comprises of a commercial grade hardware "NTT-101", manufactured as per European Standards, EMC, EMI and CE certified.

The product operates with unique innovative software "Pegasus", for the purpose of providing a vast variety of comprehensive solutions and services for administrative and business applications.

NaxerTech *GSM*
Monitoring Device
Best Temperature Solution **NTT-101-MT**

Temperature Monitoring Through GSM:

The NTT-101 Monitoring series is a complete standalone temperature monitoring solution. One of the most compact and best value for money GSM based temperature monitoring solution in the market. The NTT-101-MT is perfect for wide range of business models where up to date temperature information is required. NTT-101-MT model monitors the ambient temperature in your server room, refrigerator/freezer, lab, commercial property, or any other location, alerts you via email and text message when the sensor readings rise or fall outside acceptable range. Configure your alerts, thresholds, and other indicators in Pegasus, our web-based reporting system. Connect up to 6 wired Temperature and 4 Humidity sensors to the unit. NTT-101 Monitoring model connects to an electrical outlet. No PC or network configuration is required!

Up-to-date Reporting in Pegasus:

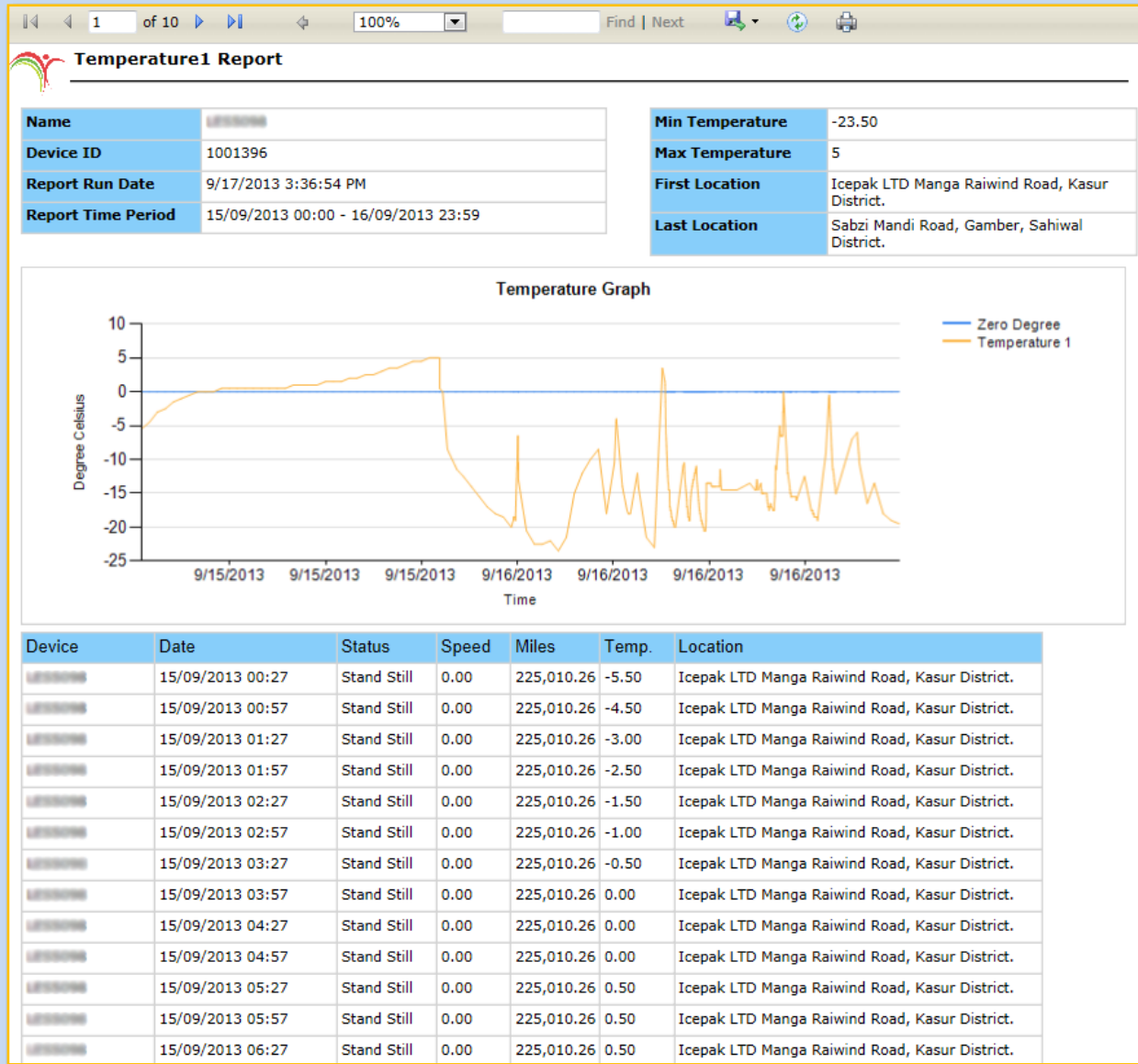
NTT-101 Monitoring model can be scheduled to report current temperature at every minute or 30 minutes or any other desired duration. Pegasus system displays this information in a grid on the main GUI as shown in below image:

Device	Time	Address	Alerts	Src	GPS	Attributes	Latitude	Longitude	Analog	Pkt#	Status	Sats	Fields
Cold Storage Room No.1	12 August 2014 14:19	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	1	240001	0	SMS:1 V:11.95,B:4.5,S:7 Temp1:-16.00, Temp2:0
Cold Storage Room No.1	12 August 2014 13:55	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	2	240001	0	SMS:1 V:11.95,B:4.5,S:8 Temp1:-16.00, Temp2:0
Cold Storage Room No.1	12 August 2014 13:55	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	1	240001	0	SMS:1 V:11.80,B:4.5,S:8 Temp1:-16.00, Temp2:0
Cold Storage Room No.1	12 August 2014 13:54	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.80,B:4.5,S:8 Temp1:-16.00, Temp2:0
Cold Storage Room No.1	12 August 2014 12:52	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:8 Temp1:-15.50, Temp2:0
Cold Storage Room No.1	12 August 2014 12:23	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:8 Temp1:-15.00, Temp2:0
Cold Storage Room No.1	12 August 2014 11:54	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:8 Temp1:-13.00, Temp2:0
Cold Storage Room No.1	12 August 2014 11:29	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:8 Temp1:-11.50, Temp2:0
Cold Storage Room No.1	12 August 2014 10:58	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:8 Temp1:-13.00, Temp2:0
Cold Storage Room No.1	12 August 2014 10:34	Filling Station		SMS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:7 Temp1:-12.50, Temp2:0
Cold Storage Room No.1	12 August 2014 10:00	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:8 Temp1:-15.50, Temp2:0
Cold Storage Room No.1	12 August 2014 09:34	Filling Station		GPRS	<input type="checkbox"/>		0	0	0	0	34240001	0	SMS:1 V:11.84,B:4.5,S:8 Temp1:-15.50, Temp2:0

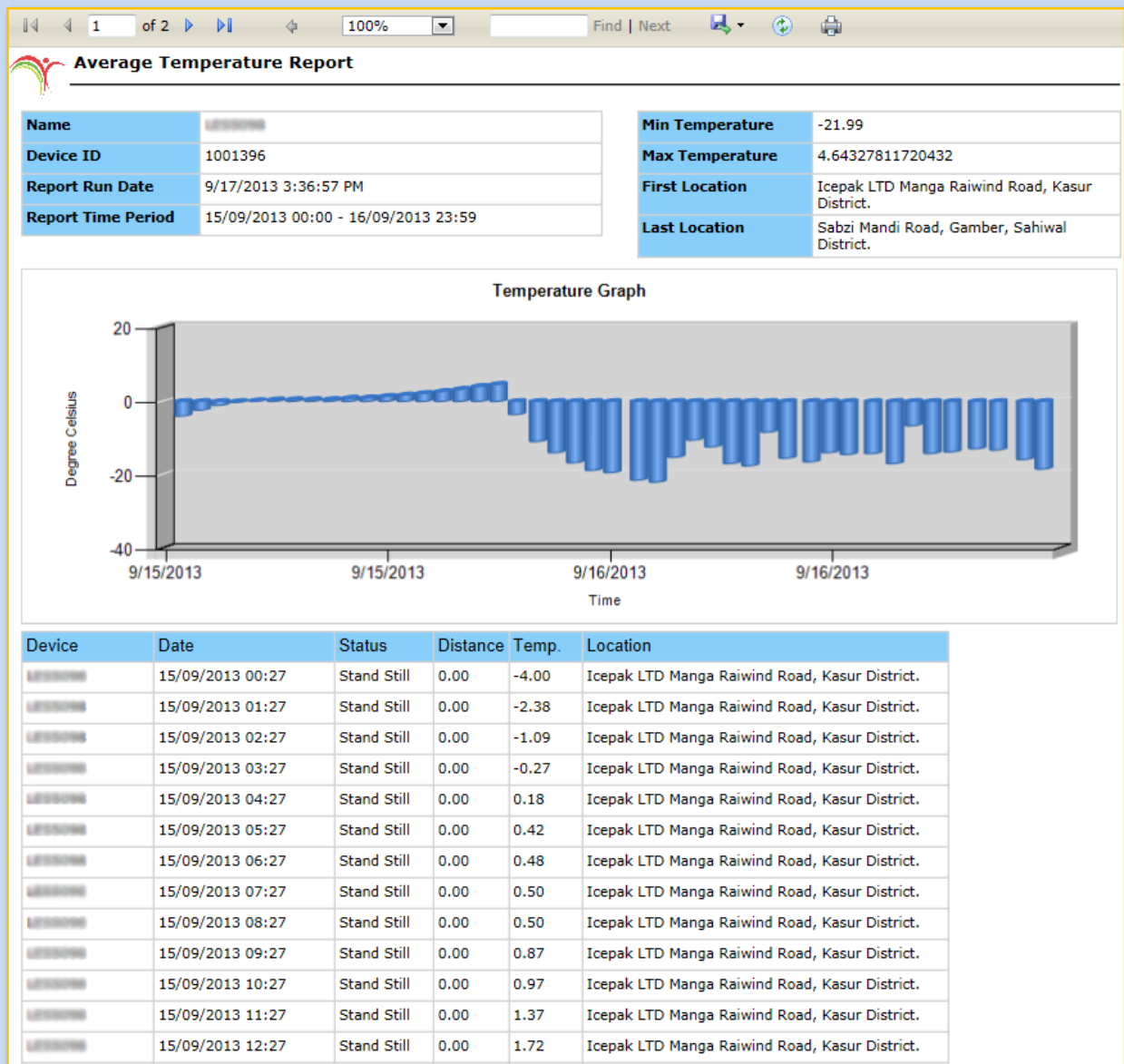
Locations: 11 Log

Temperature Reports:

Temperature Report provides a detail history and graph of the temperature sensor installed. Pegasus system offers two different types of Temperature reports i.e. Exact Report and Average Report. Temperature reports could be scheduled on Daily, Weekly and Monthly basis. These reports could be generated in Microsoft Excel/ Word, PDF formats and emailed to the specified email ID(s). Pegasus system will automatically generate the report as per the selected frequency in the selected format and will email to the specified recipient. Multiple email ID(s) could be specified separated by semicolon (;).



Exact Temperature Report



Average Temperature Report

Applications:

- Server Room Monitoring
- Cold Storage Monitoring
- Green House Monitoring
- Poultry Farms Monitoring
- Hospital Room Monitoring
- Refrigerated Vehicle Monitoring
- Museum, Archives, Galleries
- Laboratory and Quality Test Workshops

Features:

- GSM Quad Band (850/900/1800/1900Mhz)
- GPRS Class 10 (up to 85.6kbps)
- SMS (Text/ Data)
- Traffic Switching-Multiple IP/ DNS
- Temperature Range -20°C to + 70°C
- Humidity 5% to 95%
- SMS Current Temperature
- SMS Temperature Alert
- Temperature Reports
- Email Temperature Reports
- Backup Battery

Alert via Notification Engine:

Notifications, a new feature introduced in Pegasus system. This notification system is a combination of software and hardware that provides a means of delivering a message to the recipient(s). A notification can be delivered by an e-mail or SMS or displayed online in a popup window. Notification could be scheduled to send out an email alert or SMS alert in six easy steps as shown in below image:

The screenshot shows the 'Manage Notifications' interface with the following steps highlighted:

- Step 1:** Enter unique name of new notification: Temperature Notification
- Step 2:** Selection of a device for notification configuration. Selected Assets: Cold Storage Room No.1
- Step 3:** Selection of Notification Type: Sensor 1 value control
- Step 4:** Sensor Value Control. Sensor selection: Temperature sensor. Value from: -10. Value to: +10. Trigger: when value is out of specified range
- Step 5:** Selection of Alarm Trigger Types. Alert message from %UNIT%: At %POS_TIME% temperature is out of specified range %TEMP_1%.
- Step 6:** Selection of appropriate action to perform against selected notification. Notify by Email and Notify by SMS are checked. Email address: abc@xyz.com. SMS number: +441509808168.

NTT-101- Monitoring Model Specifications

General Specifications:

- Dimension 14.2cm x 6.2cm x 3.0cm
- Supply Voltage 9V – 60V
- Battery Power 3.7V DC Li-Ion Battery, 850mA
- Power Consumption 43mA
- Humidity 5% to 95%, non-condensing
- Storage Temperature -20°C to +70°C
- Operating Temperature -10°C to +65°C
- Weight 130gms

Functional Specifications:

- 1-Wire Temperature
- Five Digital Inputs, 1 Analog Input
- Improved GSM/ GPRS/ SMS Reception
- On Air Firmware Upgrade via GPRS
- Alternate IPs for GPRS
- DNS (No hassle for IP Change)
- 8MB Flash Memory
- Reverse Polarity Protection

Peripherals:

- GPS Antenna x 1 (optional)
- Humidity Sensor
- Temperature Sensor
- Digital Signal Cable x 1
- Power Cable Set x 1
- Backup Battery 3.7v

Main Components:

- GSM: SIM908
- GPS: SIM908 GPS
- 16-bit MCU
- 8MB Flash Memory
- Poly Switch Fuse
- Dual Power Regulator

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