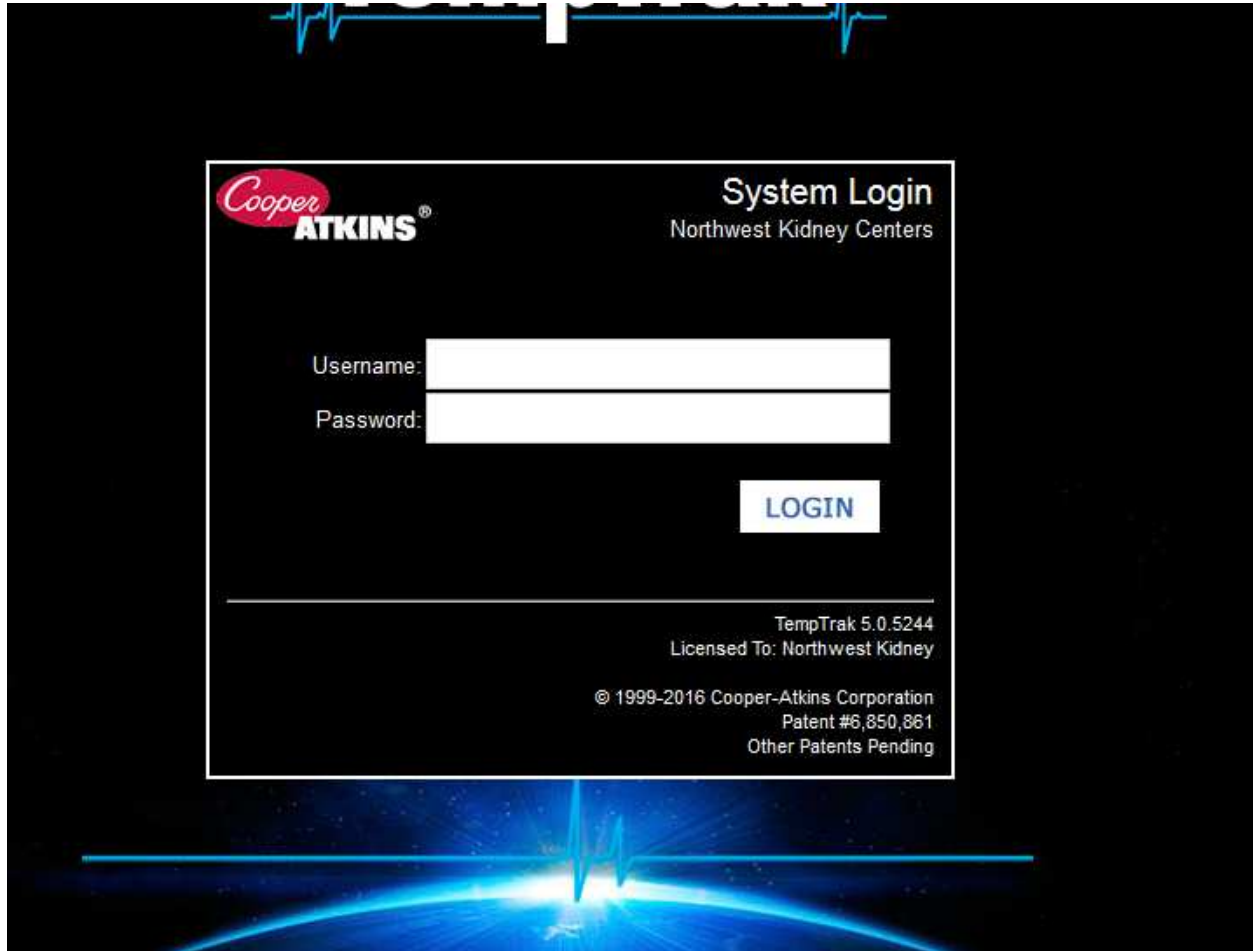


Select the TempTrak link on K Net to reach the system log in screen:



Log in to the application by using nkc for both the user name and password. You will see the following screen, which shows all of the NKC sensors, and their status. Green indicates the refrigerator or freezer is in the correct range, red indicates too hot, and blue indicates too cold.

TempTrak Alert 4 sensor(s) have triggered a communication alarm Northwest Kidney Centers

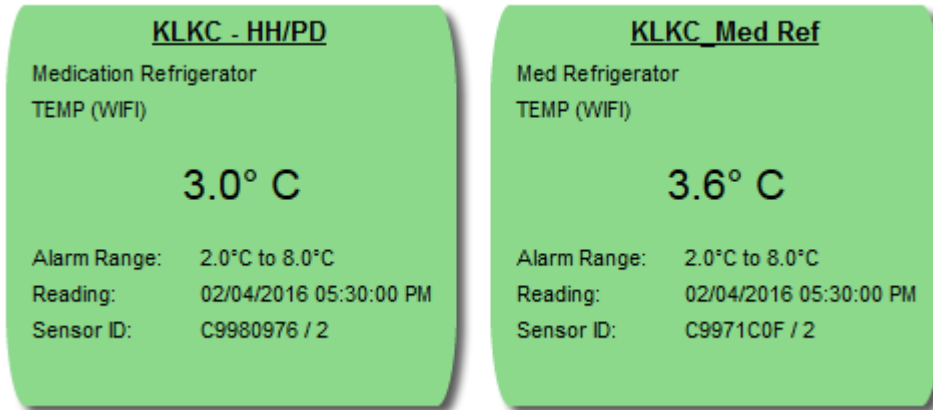
Logged in as: nkc

Password Settings Help Search Logout

All Sensors Refresh Sensors

AKC_Med Ref Med Refrigerator TEMP (WFI) 3.0° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C998087E / 2	BKC_Med Ref Med Refrigerator TEMP (WFI) 7.0° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C997DCE9 / 2	EBKC_Med Ref Med Refrigerator TEMP (WFI) 3.2° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C997FF6C / 2	EKC_Med Ref Med Refrigerator TEMP (WFI) 4.5° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C997E9E9 / 2	Employee Health_1st Floo Med Refrigerator TEMP (WFI) 3.2° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980E9C / 2
Hospital Services Ref_2n Med Refrigerator (2nd Floor Se TEMP (WFI) 5.9° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980D06 / 2	KKC_Med Ref Med Refrigerator TEMP (WFI) 3.6° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980E95 / 2	KLKC - HH/DP Medication Refrigerator TEMP (WFI) 3.0° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C9980976 / 2	KLKC_Med Ref Med Refrigerator TEMP (WFI) 3.6° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C9971C0F / 2	LCKC_Med Ref Med Refrigerator TEMP (WFI) 3.6° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980883 / 2
LWKC_Med Ref Med Refrigerator TEMP (WFI) 1.8° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C997E8C4 / 2	PAKC_Med Ref Med Refrigerator TEMP (WFI) 5.1° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C99723FD / 1	Pharmacy: Ambient Temp Room Temperature TEMP (WFI) 20.9° C Alarm Range: 15.0°C to 25.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C9980973 / 1	Pharmacy: Freezer Med Freezer-East (lower) TEMP (WFI) -30.1° C Alarm Range: -40.0°C to -10.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980A4A / 1	Pharmacy: Insulin Med Refrigerator-West TEMP (WFI) 3.1° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C9980973 / 2
Pharmacy: Main Med Refrigerator-East (upper) TEMP (WFI) 4.8° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980A4A / 2	Pharmacy: Will Call Med Refrigerator-South TEMP (WFI) 2.7° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980BDA / 2	RKC #1_Med Ref Med Refrigerator 1 TEMP (WFI) 4.2° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980886 / 2	RKC #2_Med Ref Med Refrigerator 2 TEMP (WFI) 3.4° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C997FFC6 / 2	RKC - HH/DP Medication Refrigerator TEMP (WFI) 6.0° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C9980BD0 / 2
RS TEMP (WFI) No Reading Alarm Range: [No Alarm Profile Set] Reading: No Contact Made Sensor ID: C9987DCE / 1	RS TEMP (WFI) No Reading Alarm Range: [No Alarm Profile Set] Reading: No Contact Made Sensor ID: C9987DCE / 2	rs1 TEMP (WFI) No Reading Alarm Range: [No Alarm Profile Set] Reading: No Contact Made Sensor ID: C9987160 / 1	rs1 TEMP (WFI) No Reading Alarm Range: [No Alarm Profile Set] Reading: No Contact Made Sensor ID: C9987160 / 2	SeaKC - 3rd Floor Med Refrigerator TEMP (WFI) 6.4° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C997FFC3 / 2
SeaKC - HH_4th Floor Med Refrigerator TEMP (WFI) 2.5° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C997EFD5 / 2	SeaKC - PD_4th Floor Med Refrigerator TEMP (WFI) 3.3° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980982 / 2	SeaKC - SCU_2nd Floor Medication Room TEMP (WFI) 3.2° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C997FF68 / 2	SKC_Med Ref Med Refrigerator TEMP (WFI) 5.1° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C997FF67 / 2	SRKC_Med Ref Med Refrigerator TEMP (WFI) 4.9° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:30:00 PM Sensor ID: C997EF65 / 1
STKC_Med Ref Med Refrigerator TEMP (WFI) 3.6° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C997E9FD / 2	WSKC_Med Ref Med Refrigerator TEMP (WFI) 3.2° C Alarm Range: 2.0°C to 8.0°C Reading: 02/04/2016 05:00:00 PM Sensor ID: C9980919 / 1			

Look for the sensors associated with your center, for example, Kirkland.



Both of these refrigerators are within the acceptable temperature range (green) and show the current temperature. The reading date and time indicates the last time that the sensor communicated with the system (aka the mother ship).

In the screen shot below, one of the refrigerators is too cold, and one (STKC Med Ref) has triggered a communication alarm, meaning it didn't check in when it was supposed to (set for every thirty minutes).



If you select the underlined name from this screen, e.g., KLKC – HH/PD, you see the following information about that particular refrigerator.



Profile Details		Sensor Readings	
Logging Profile:	test profile	Date	Reading
Alarm Profile:	NKC Refrigerator: 2C/8C/45 min	02/04/2016 05:30:00 PM	3.0° C
Notification Profile:	NKC_Pharmacy Main	02/04/2016 05:00:00 PM	3.2° C
Escalation Profile:	NKC_Pharmacy Escalation #1	02/04/2016 04:30:00 PM	2.9° C
		02/04/2016 04:00:00 PM	3.1° C
		02/04/2016 03:30:00 PM	3.0° C
		02/04/2016 03:00:00 PM	3.0° C
		02/04/2016 02:30:00 PM	3.0° C
		02/04/2016 02:00:00 PM	2.9° C
		02/04/2016 01:30:00 PM	2.9° C
		02/04/2016 01:00:00 PM	2.9° C
		02/04/2016 12:30:00 PM	3.1° C
		02/04/2016 12:00:00 PM	2.7° C
		02/04/2016 11:30:00 AM	2.9° C
		02/04/2016 11:00:00 AM	2.9° C
		02/04/2016 10:30:00 AM	2.9° C

To see the performance of a sensor (think thermometer) over time, go to the left side of the page and select reports.

The image shows a dashboard interface for monitoring sensors. On the left is a vertical sidebar menu with two main sections: 'Sensors' at the top and 'Reports' below it. The 'Reports' section is circled in red. The main content area is titled 'All Sensors' and displays four sensor cards in a 2x2 grid. Each card shows the sensor name, type, current temperature, alarm range, reading time, and sensor ID.

Sensor Name	Type	Temp (WIFI)	Alarm Range	Reading	Sensor ID
<u>AKC_Med Ref</u>	Med Refrigerator	3.7° C	2.0°C to 8.0°C	02/05/2016 12:30:00 PM	C998087E / 2
<u>BKC_Med Ref</u>	Med Refrigerator	6.4° C	2.0°C to 8.0°C	02/05/2016 12:30:00 PM	C997DDE9 / 2
<u>KKC_Med Ref</u>	Med Refrigerator	3.7° C			
<u>KLKC - HH/PD</u>	Medication Refrigerator	3.1° C			

The menu of reports appears. For a graphic record of temperatures, select Sensor History



The list of sensors appears. Select the sensor you want to review, by clicking on Select. Note that we are looking at page 1 of 2 (bottom of image).

<u>Sensor</u>	<u>Factory ID</u>	<u>Select</u>
AKC_Med Ref	C998087E/2	Select
BKC_Med Ref	C997DDE9/2	Select
EBKC_Med Ref	C997FF6C/2	Select
EKC_Med Ref	C997E8E9/2	Select
Employee Health_1st Floor	C9980E9C/2	Select
Hospital Services Ref_2nd Floor	C9980DD6/2	Select
KKC_Med Ref	C9980E95/2	Select
KLKC - HH/PD	C9980976/2	Select
KLKC_Med Ref	C9971C0F/2	Select
LCKC_Med Ref	C9980883/2	Select
LWKC_Med Ref	C997E8E4/2	Select
PAKC_Med Ref	C99723FD/1	Select
Pharmacy: Ambient Temp	C9980973/1	Select
Pharmacy: Freezer	C9980A4A/1	Select
Pharmacy: Insulin	C9980973/2	Select

Page 1 of 2

This is the result after selecting AKC. The row for AKC_Med Ref is highlighted and below you can set the start and end dates of the time period you want to look at. When you've done that, select run.

Sensor History

Search By Name or Factory ID:

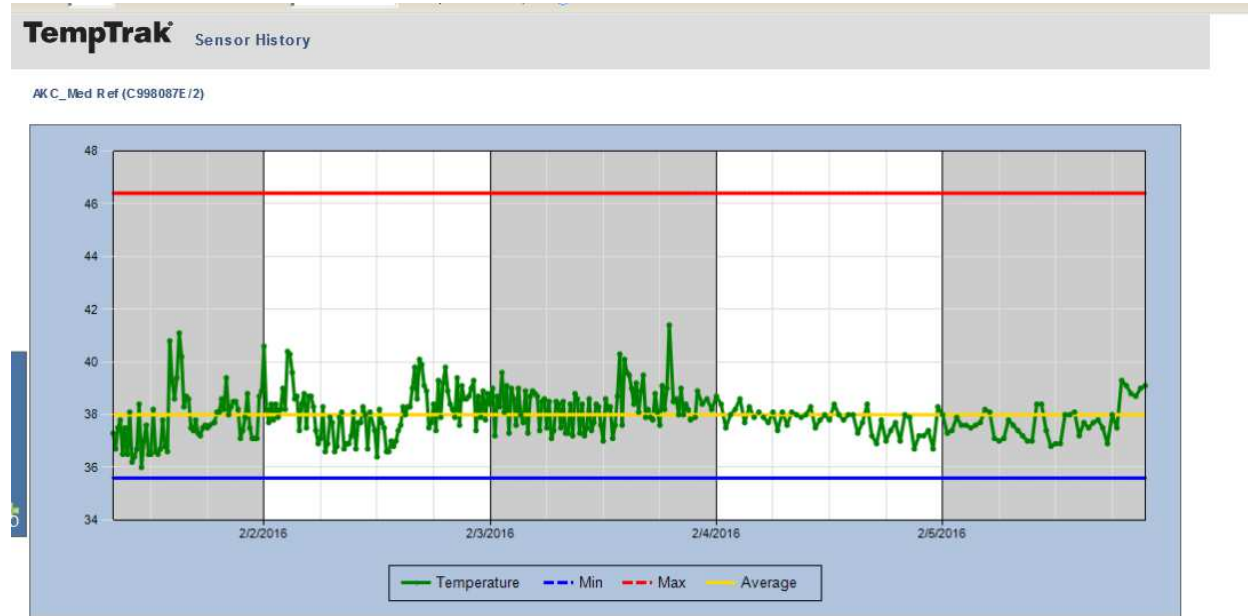
<u>Sensor</u>	<u>Factory ID</u>	
AKC_Med Ref	C998087E/2	Select
BKC_Med Ref	C997DDE9/2	Select
EBKC_Med Ref	C997FF6C/2	Select
EKC_Med Ref	C997E8E9/2	Select
Employee Health_1st Floor	C9980E9C/2	Select
Hospital Services_Ref_2nd Floor	C9980DD6/2	Select
KKC_Med Ref	C9980E95/2	Select
KLKC - HH/PD	C9980976/2	Select
KLKC_Med Ref	C9971C0F/2	Select
LCKC_Med Ref	C9980883/2	Select
LWKC_Med Ref	C997E8E4/2	Select
PAKC_Med Ref	C99723FD/1	Select
Pharmacy: Ambient Temp	C9980973/1	Select
Pharmacy: Freezer	C9980A4A/1	Select
Pharmacy: Insulin	C9980973/2	Select

← →

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Start Date:	<input type="text" value="2/4/2016"/>	<input type="button" value="Calendar"/>
End Date:	<input type="text" value="2/5/2016"/>	<input type="button" value="Calendar"/>
Show Reading Table:	<input checked="" type="radio"/> Yes <input type="radio"/> No	
<input type="button" value="Run"/>		

The following is the result for 2/1-2/5 for AKC. The acceptable range is defined by red (maximum) and blue (minimum). The yellow line represents the average of the readings. In this example, you see that all of the measurements were within range and that the average tended toward the minimum range.



Date / Time	Reading	Sample Number Taken
02/05/2016 01:30:00 PM	39.1 °F	2
02/05/2016 01:00:00 PM	39 °F	2
02/05/2016 12:30:00 PM	38.7 °F	2
02/05/2016 12:00:00 PM	38.8 °F	2
02/05/2016 11:30:00 AM	39.1 °F	2

The sensor alarm report may also be useful. Select in the same way from the list of reports: select sensor alarm report, select the sensor, and set the data range. Using the same date range of 2/1 – 2/5, the sensor alarm report for Auburn looks like this:

The screenshot displays a web interface for a TempTrak report. At the top, there is a navigation bar with a 'Back' button, a page indicator '1 of 1', and search controls labeled 'Find | Next'. Below this is a header section with the 'TempTrak' logo and the title 'Sensor Alarm Report'. A table lists the sensor as 'AKC_Med Ref (C998087E/2)'. The main content area contains three sections, each with a blue vertical bar on the left and the text 'No [Category] Found': 'No Alarms Found', 'No Notes Found', and 'No Audits Found'. At the bottom, a grey footer bar contains the report details: 'UTC Report Date: 02/01/2016 08:00:00 AM - 02/06/2016 07:59:59 AM', 'Execution Time: 02/05/2016 02:07:01 PM', and 'Page 1'.

Sensor:	AKC_Med Ref (C998087E/2)
----------------	--------------------------

No Alarms Found

No Notes Found

No Audits Found

UTC Report Date: 02/01/2016 08:00:00 AM - 02/06/2016 07:59:59 AM
Execution Time: 02/05/2016 02:07:01 PM

Page 1

No alarms, note or audits are found for that date range.

The daily summary report also shows temperatures over time. Select this report in the same manner as the previous two reports. For AKC during the period of 2/1 through 2/5, the results are as follows:

TempTrak Daily Summary				
Sensor: AKC_Med Ref (C998087E/2)				
A.M. Readings				
Date	Avg	Min	Max	Sample Number
02/01/2016	37.7°F	36°F	41.1°F	48
02/02/2016	38.0°F	36.4°F	40.1°F	47
02/03/2016	38.4°F	37°F	41.4°F	48
02/04/2016	37.8°F	36.9°F	38.4°F	24
02/05/2016	37.7°F	36.8°F	39.3°F	24
P.M. Readings				
Date	Avg	Min	Max	Sample Number
02/01/2016	38.1°F	36.6°F	40.6°F	48
02/02/2016	38.3°F	37.1°F	39.6°F	48
02/03/2016	38.1°F	37.4°F	39°F	27
02/04/2016	37.5°F	36.7°F	38.3°F	24
02/05/2016	39.0°F	38.7°F	39.3°F	6
Entire Day				
Date	Avg	Min	Max	Sample Number
02/01/2016	37.9°F	36°F	41.1°F	96
02/02/2016	38.2°F	36.4°F	40.1°F	95
02/03/2016	38.3°F	37°F	41.4°F	75
02/04/2016	37.6°F	36.7°F	38.4°F	48
02/05/2016	37.9°F	36.8°F	39.3°F	30

The readings are broken out by day, and show the average temperature, the minimum temperature, and the maximum temperature. The sample number indicates the number of messages from the sensor that were included in the calculation of average, minimum, and maximum.