

A vintage-style photograph of a fair booth named "Pradowski's". The booth has a sign with the name in blue cursive on a yellow background. A man in a yellow shirt is operating a machine, possibly a coffee machine, on a red counter. A crowd of people, including children and adults, are gathered around. A woman in a red hat and blue patterned shirt is shouting or cheering. The background is decorated with colorful lights and a large portrait of a smiling man.

Drinking From the Caffeine Firehose

We call SHODAN.

By Viss!

Prepared for Defcon 20

**This is not just another
shodan talk.**

**Today we turn shodan into a gateway
drug.**

What do people put on the internet?

Routers, switches, servers, printers..

Meh. seen it.

Show me something new!

**What's on the internet that
nobody is accounting for?**

... is anybody actually checking?

Seriously, has anybody ever done this?

Apparently not!

A little editorial on policy....

**If you can't scan yourself freely, how do
you determine your level of exposure?
What's the attack surface?**

Before we begin..
Everything found here is
PUBLIC

No credentials required
no "secure" systems.
This is all "free play".

Also, No systems
were altered.

This was a
READ ONLY
Exercise.

Webcams!

Size: + 100 % - Quality: + 10 -

exacqVision

exacqVision Server

- Lavabo
- Panoramique GoldRoom
- Front PTZ
- Port Avant
- Arriere GoldRoom
- Sas vers GoldRoom
- 2 Bac a boue
- 2 Bac
- Garage porte avant
- Table
- Garage porte interieur
- Coin haut avant
- Balance
- Porte sas et salle
- Coin gardien
- Salle commande
- Voute Droite
- SAS vers sortie
- Exterieur
- Voute Gauche

Cameras

Views

Triggers

2.21 fps

Who watches the watchers?



+ 50 - [PTZ controls] 04/03/2012
PTZ speed

Who watches the watchers?



Meeeeeeee >:D



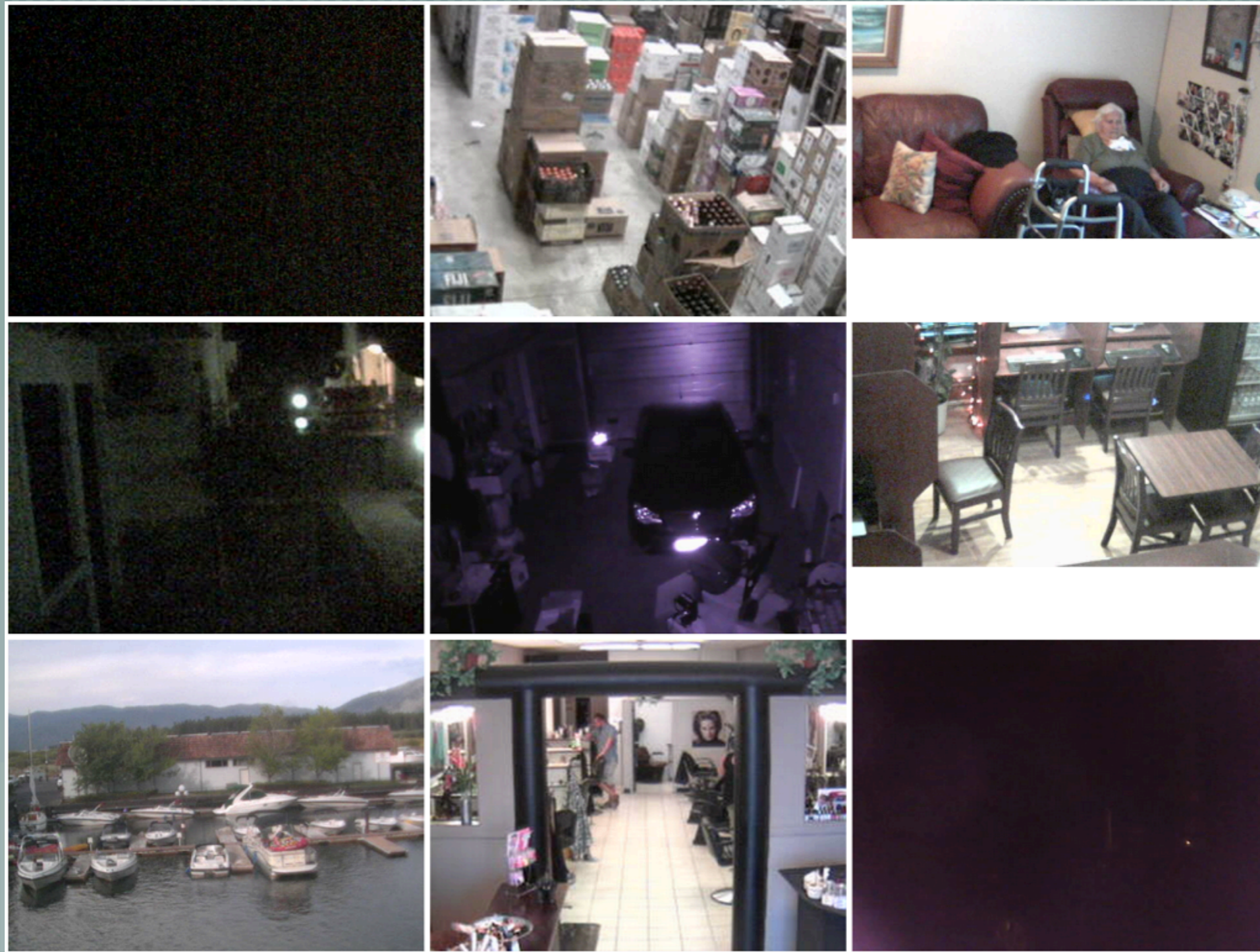
Scada gear on webcams!



Other stuff on webcams!



But most cameras are boring



This thing! ... (no idea)

```
T-2000 CC User Interface [ LOGIN ] (c) 2008 ReliOn Inc.

      UserName :
      Password :

-----

      Unit Name : _____ Unit Date : 04/17/12
Unit Location : _____ Unit Time : 23:35:53

      Major Alarms : 0          Chassis S/N :
      Minor Alarms : 1          Controller Ver : 02.02.01
      ACO Status : OFF 0:00     FPGA Ver : 01.01.03
System Status : STANDBY       Comm Card Ver : 02.02.01

-----

ReliOn
15913 E. Euclid Ave
Spokane, WA 99216
Tel: +1-509-228-6500
24 Hour Support: +1-866-661-0020
techsupport@reli-on-inc.com

SYSTEM MESSAGES: Alpha Text, TAB-Next Field, Enter-Select, ESC-Abandon
```

A um.. "T-2000" ! ..

... whats a T-2000?.. relion?

```
T-2000 CC User Interface [ LOGIN ] (c) 2008 ReliOn Inc.

      UserName :
      Password :

-----

Unit Name : _____ Unit Date : 04/17/12
Unit Location : _____ Unit Time : 23:35:53

Major Alarms : 0          Chassis S/N :
Minor Alarms : 1          Controller Ver : 02.02.01
  ACO Status : OFF 0:00   FPGA Ver : 01.01.03
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techsupport@relion-inc.com

SYSTEM MESSAGES: Alpha Text, TAB-Next Field, Enter-Select, ESC-Abandon
```


Its a hydrogen fuel cell.



Products

E-200
E-1100
E-1100v
E-2500
T-1000
T-2000

Telecom

Government

Off-Grid

Transportation

Utility

Certifications

Tax Incentives

PRODUCTS & SOLUTIONS

T-2000 | T-2000: 2kW Outdoor Configuration | T-2000: 4kW Outdoor Configuration
T-2000: 6kW Outdoor Configuration | T-2000: 8kW Outdoor Configuration
T-2000: 12kW Outdoor Configuration

T-2000® 2kW PEM Fuel Cell

The T-2000® fuel cell system is designed specifically for larger communications backup power loads within the wireless and wireline telecommunications, utility and government sectors. The T-2000® fuel cell uses ReliOn's patented Modular Cartridge Technology® for hot-swappable high reliability, ease of maintenance and simplicity of design. Modular electronics cards enable scalability by providing flexible configuration from 600 Watts to a full 2,000 Watt capacity in one chassis. Or combine multiple T-2000® fuel cells to provide higher outputs for a variety of site requirements up to 12kW.



[Click for specifications in English \(197KB\)](#)

[Click for specifications in Spanish \(130KB\)](#)

[Click for specifications in Portuguese \(213KB\)](#)

[Click for specifications in Chinese \(595KB\)](#)

Features:

- Output: 0 to 2,000 Watts - 24 or 48 VDC nominal output
- 23 " Rack Mountable (Indoors)
- Multiple Outdoor Configurations
- Remote Monitoring Capability
- Dimensions: 26"h x 21"w x 21.5 "d (66cm x 53cm x 54.6cm)

Looks industrial!

Field Trial Prototype

- Relion's modular cartridge approach normally operates with six cartridges connected to a common BUS. Each cartridge supplies a nominal power of 200W.
- In case a cartridge is damaged, the replacement procedure can be performed in a few seconds while the fuel cell continues to provide power to the load.
- Figure 2 – Relion's T-1000 hydrogen fuel cell



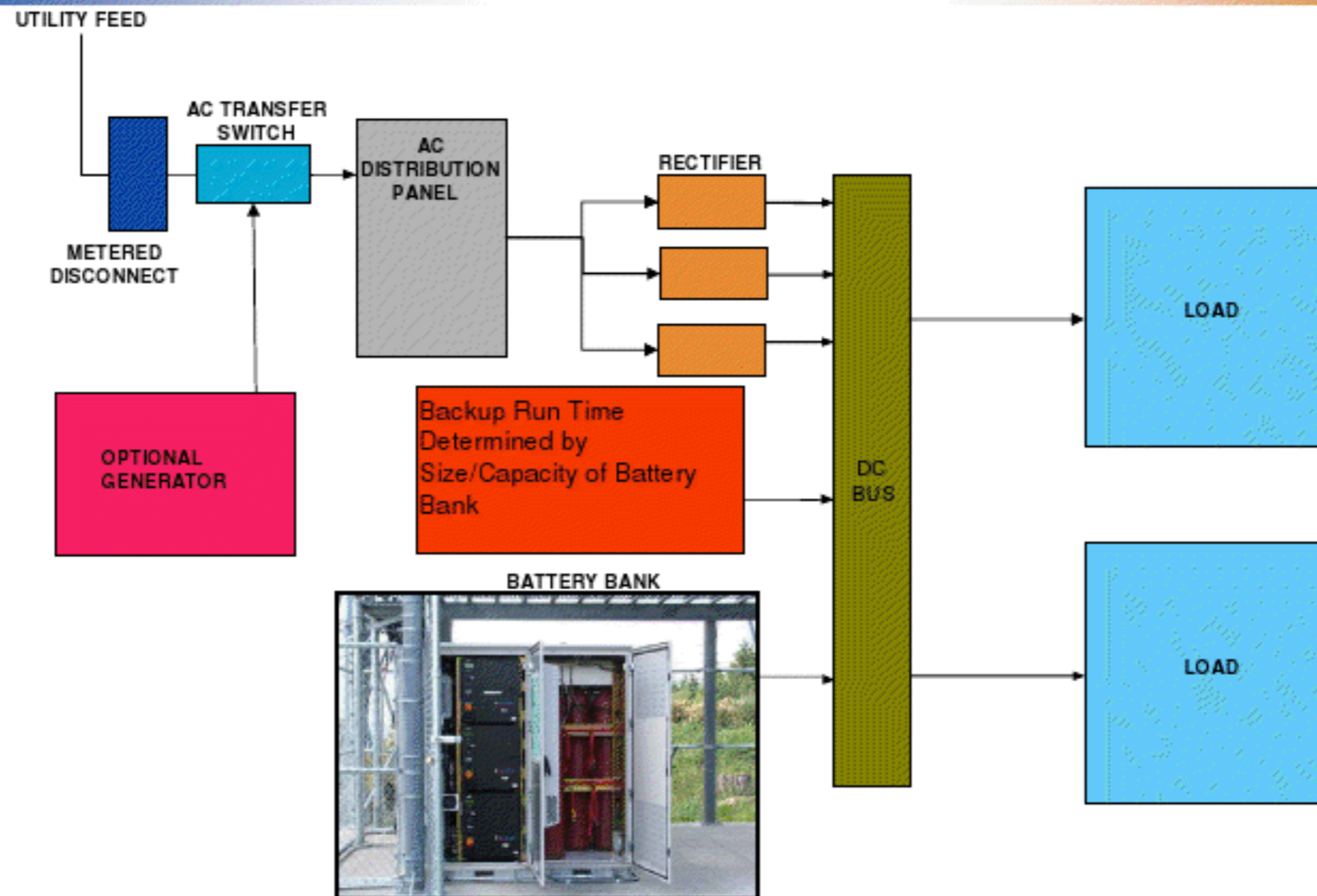
Gets used a lot in .mil...

DOE/DOD Back-Up Power Demonstration

Site	kW Req'd	Buildings Backed-up	Fuel Cell Units Used
Aberdeen Proving Ground	15; 20; 8	Energy Management Building, Range Control and Coordination, DPW Conservation Branch	(3) IdaTech ElectraGen 5; Hyrogenics HyPM Rack 20; ReliOn T-2000 8kW
Fort Bragg	15	Training Range Control Building	(3) IdaTech ElectraGen 5
Picatinny Arsenal	10; 10	Sewage Lift Pump Sewage Lift Pump	(2) IdaTech ElectraGen 5; (2) IdaTech ElectraGen 5
West Point	20; 20	Internet Switch Internet Service and Telecom Closet	Altergy FPS-20; Altergy FPS-20
Cheyenne Mountain	24	911 Call Center	ReliOn T-2000 4kW, 8kW, 12kW
Fort Hood	9; 10	Wastewater Pretreatment Plant, Wastewater Pretreatment Plant	ReliOn T-2000 8kW, ReliOn T-1000 1.2 kW; Altergy FPS - 10
Ohio Nat'l Guard	20; 20	Command Headquarters, Civil Support Administration	(4) IdaTech ElectraGen 5; (4) IdaTech ElectraGen 5
Marines 29 Palms	4	Internet Switch	ReliOn T-2000 4kW

This is how you use it

Fig 3-Typical Back-up Power



So where do you
find these things?

Oh..

Site Details - Continue



Fuel Cell
Here



Security is a joke.

```
Nbackground.teq^B^Cÿÿ<80>^E^F^@^@^@K^@^@R^_ ^A^^^@^W^A^A<93>^PàR
^D^C^@*ENTER PASSWORD TO ADVANCE TO OTHER SCREENS^B^D^B^@^B^@^E^G^D^@^@^@^B^D^B^@^B^@
^C^@^@^D^C^@^@^B^@^B^D^B^@^B^@^B^B^E+^D^C^@^@^B^D^B^@^B^@^E^E^D^E^@^HPassw^B^D^B^@
^D^C^@^N<<<<< Password^B^D^B^@^B^@^E^G^D^C^@^@^B^D^B^@^B^@^E^F^D^C^@^@^B^D^B^@^B^@^B
B^@^B^@^E3^D^@^@^@^B^@^B^A^B^C^D^E^@^HPassw^D^C^@^Emeter^B^@^B^@^F^A^A^W^@Y^X^F`d^
^@^B^@^E,^D^@^@^@^B^D^B^@^B^@^E3^D^@^@^@^B^@^B^A^B^C^D^E^@^HPassw^D^C^@^Emeter^B^
^@^@^@^W^@9£^F`6^HIButtonP^@^Y^@^@^@r^C^@^@ÿÿÿÿ^B^A^D^C^T^D^@^@^@^D^@^@^@^B^@^B^@^B^
^D^C^@^GFTP.teq^B^@^B^D^B^@^B^@^D^C^T^D^@^@^@^D^@^@^@^B^@^B^@^B^A^B^C^D^E^@^HPasswor
`6^HIButtonP^@^Y^@^@^@<9a>^C^@^@ÿÿÿÿ^B^B^D^C^T^D^@^@^@^D^@^@^@^B^@^B^@^B^A^B^C^D^E^@
B^@^F^@^@^@^W^F@ç^F`6^HIButtonP^@^Y^@^@^@t^C^@^@ÿÿÿÿ^B^A^D^C^T^D^@^@^@^D^@^@^@^B^@^B
ttonP^@^Y^@^@^@N^C^@^@ÿÿÿÿ^B^@^B^B^E^B^D^@^@^@^B^@^B^A^B^C^D^E^@^HPassw^D^C^@^Eme
^@^E,^D^@^@^@^B^D^B^@^B^@^B^@
```


Wind farms!

Endurance wind power

Instantaneous
Real Power: 2.0 kW
Wind speed: 4.5 m/s

Last hour average
Real Power: 1.7 kW
Wind speed: 3.3 m/s

Cumulative energy
135745 kWh

Main Production Wind Temperature Maintenance Stats E-mail Setup Bypass PLC Config. Config Restore Dump Load

E-Series Main

Start Stop

Status: 6 - Generating

Generator speed: 1800 RPM
Rotor speed * ratio: 1801 RPM
Rotor speed: 41.67 RPM

SEL-547 energy measurements

Current		Voltage		3 Phase Power	
A	37.2 A	A-N	125.6 V		2.0 kW
		B-N	126.9 V		-32.5 kVAR
		C-N	125.6 V		
		A-B	218.9 V		
		B-C	219.2 V		
		C-A	216.7 V		

Frequency: 60.01 Hz

Power Factor: 7 %

Cumulative energy: 135745 kWh

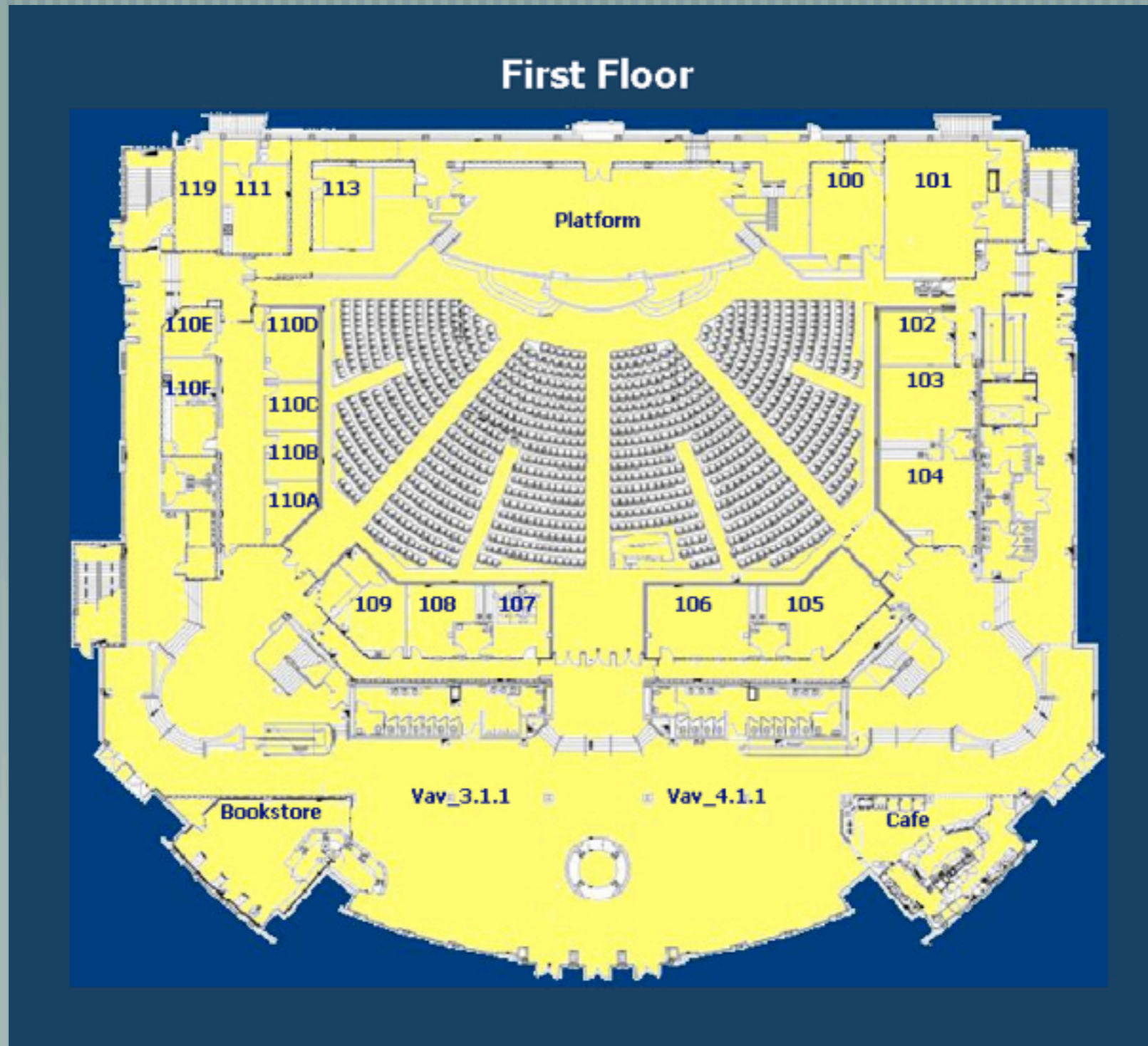
Alarms inactive
Shutdowns inactive

User name: - Login
User level: 0 Logout

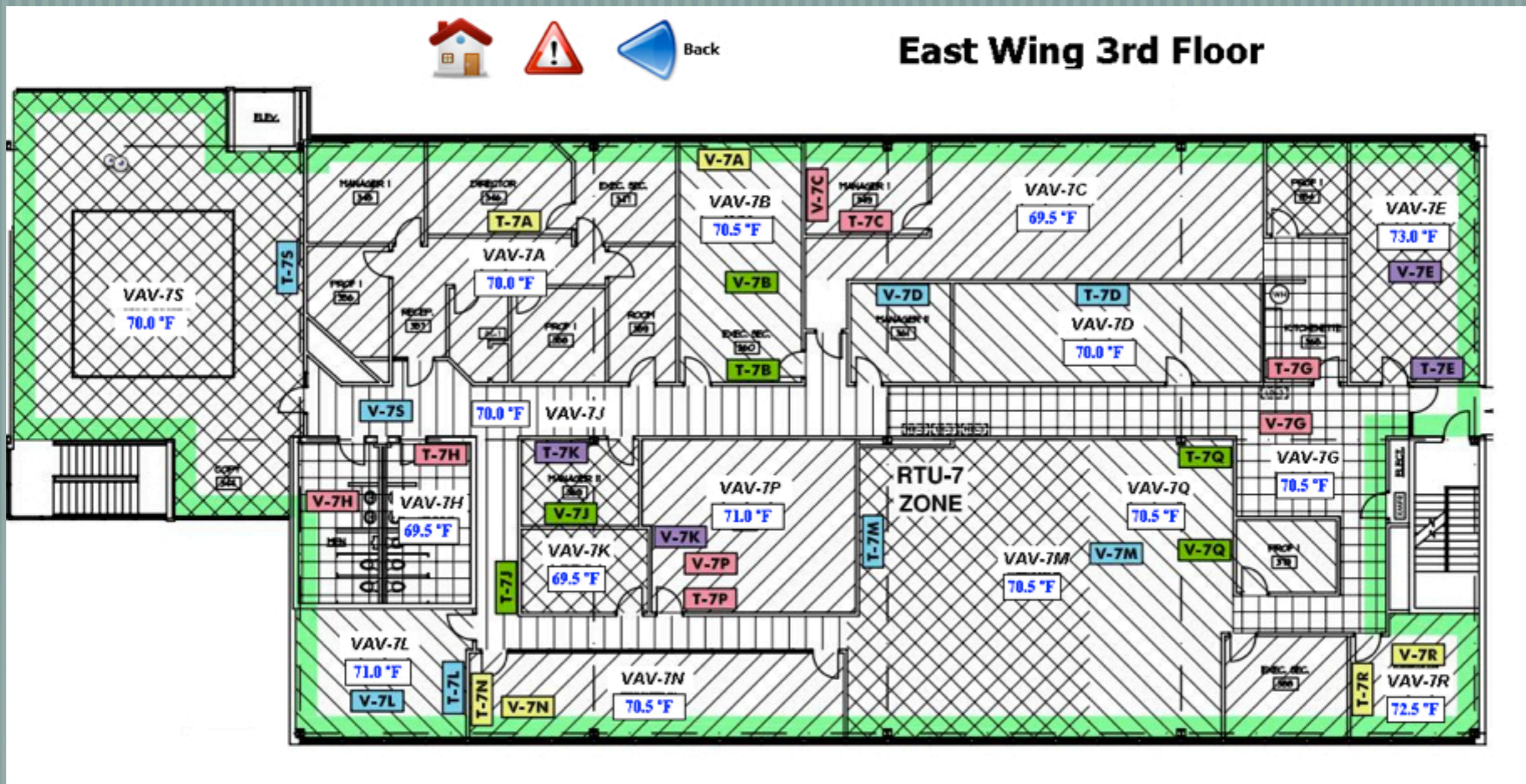
About...

SFC step: 6
2012-05-14
18:44:50

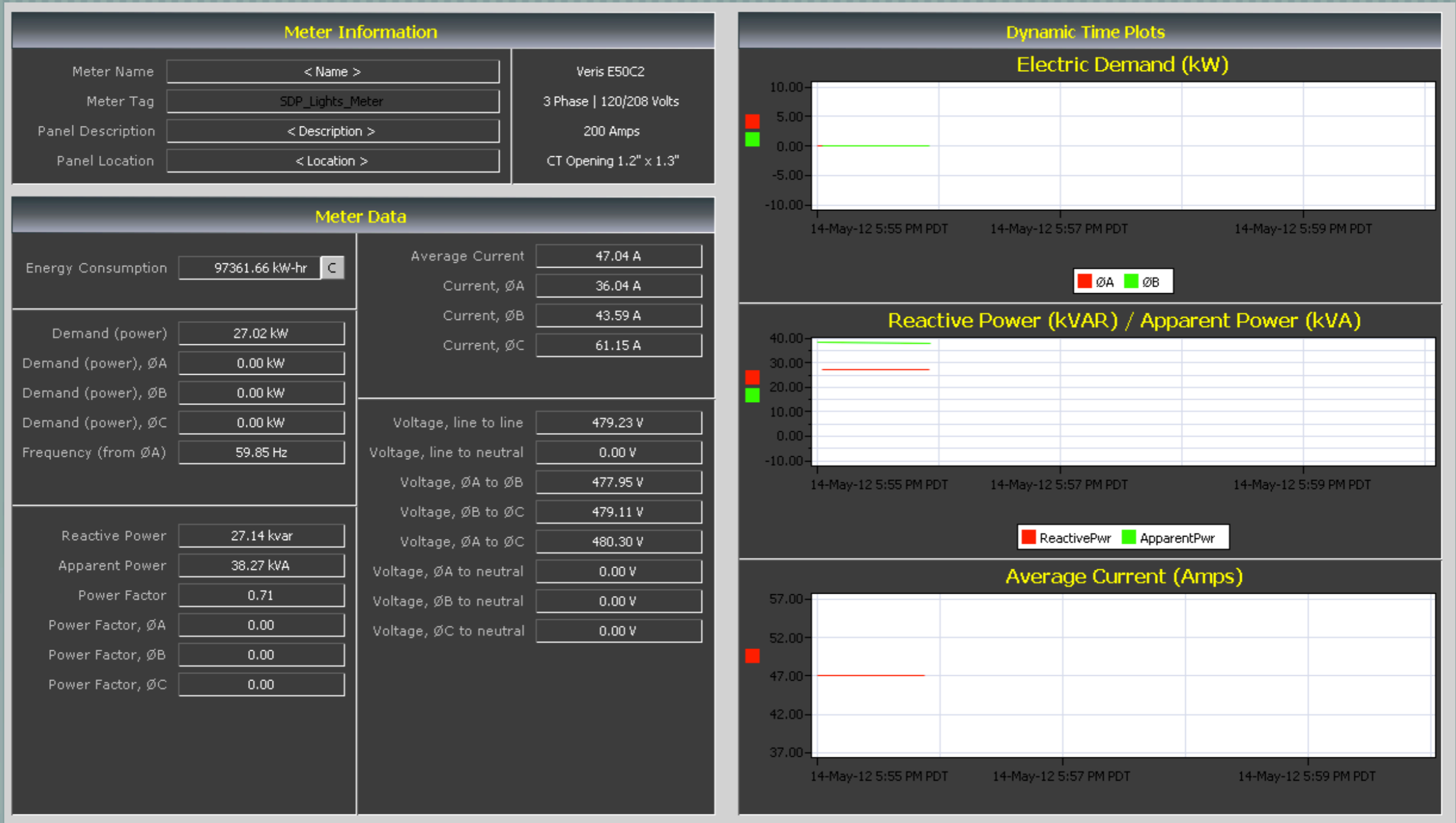
Lighting, HVAC, Alarms



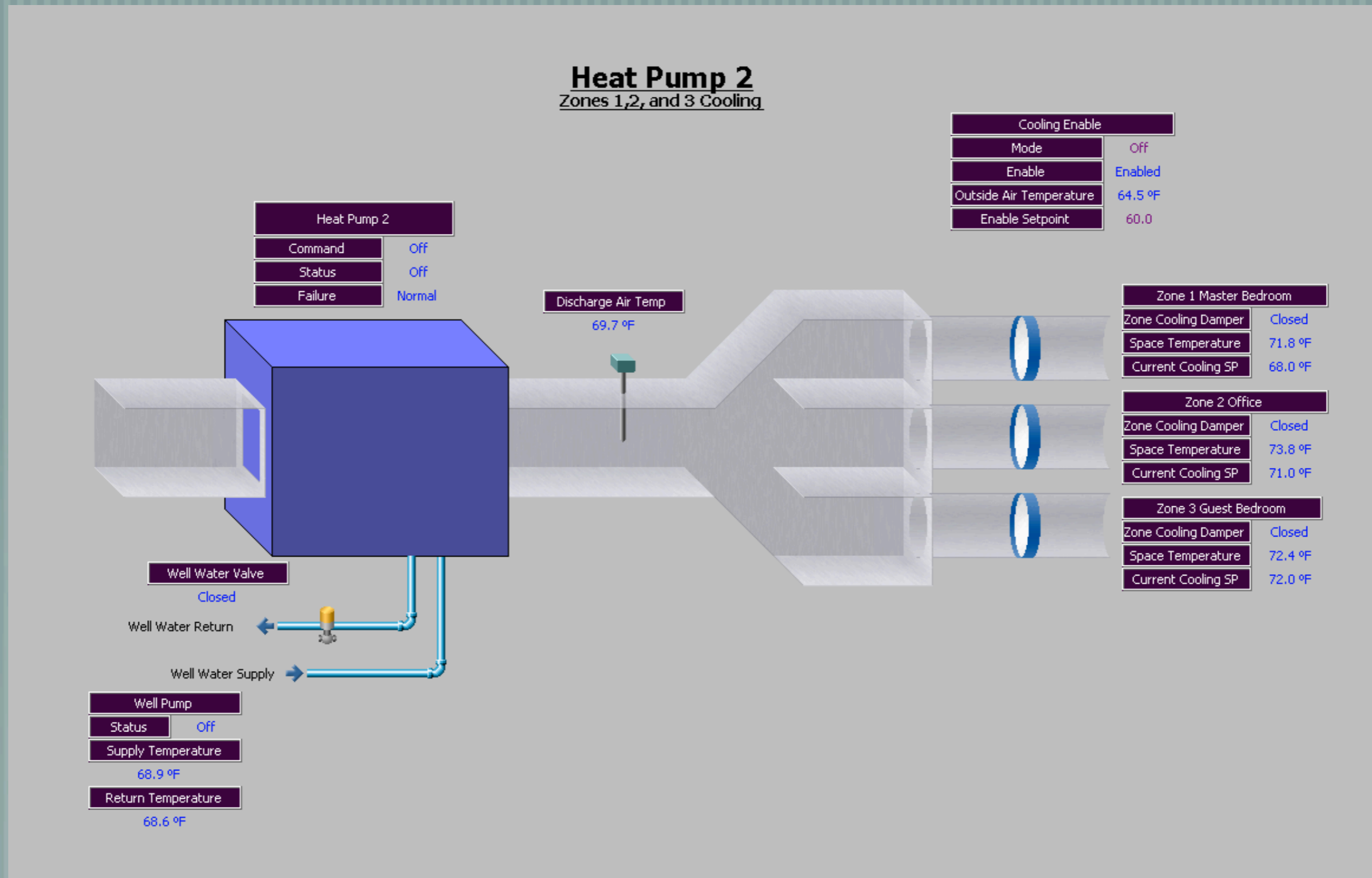
More hvac/lighting



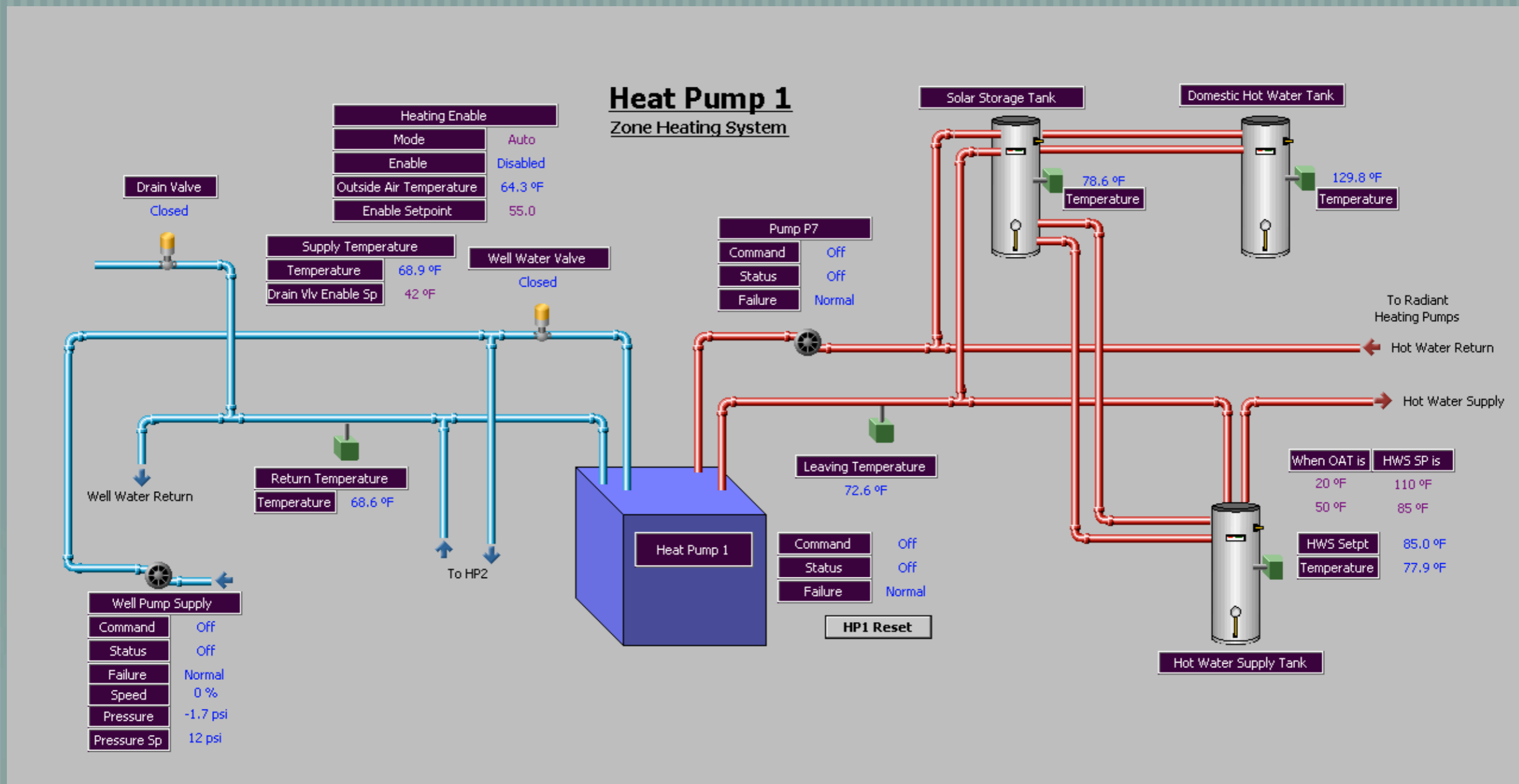
Power meters?



Heat pumps

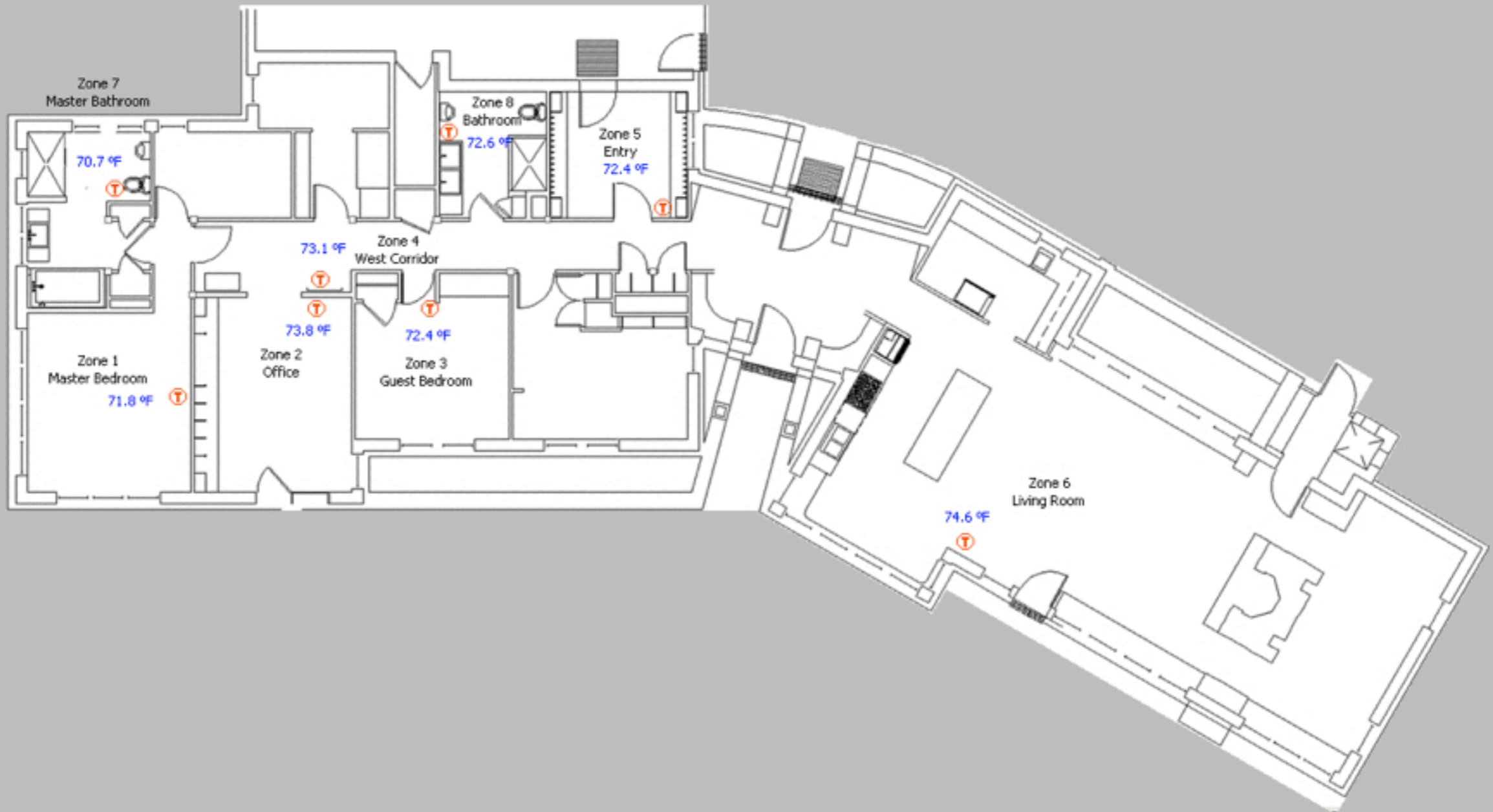


Bigger heat pumps



Private residences?!

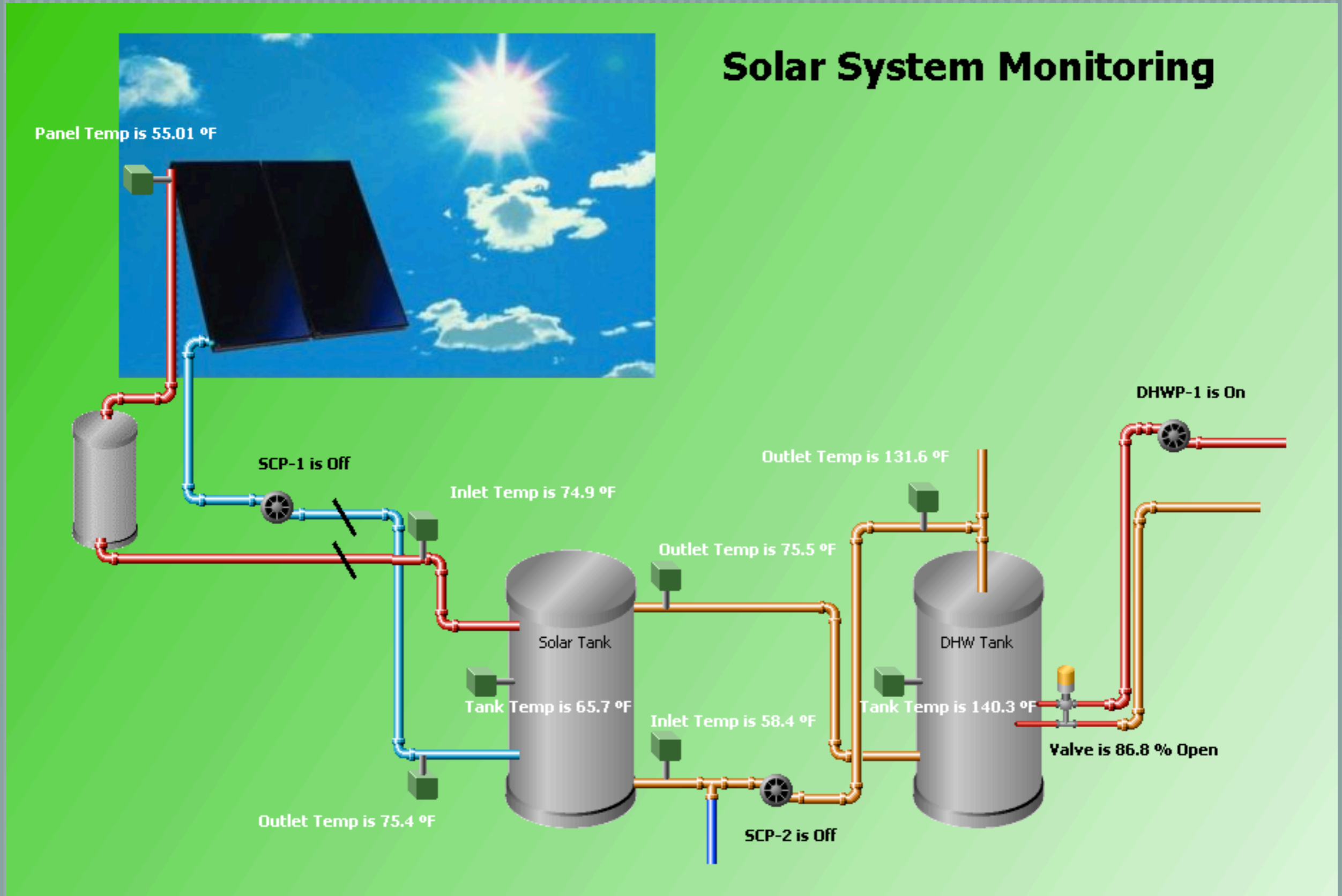
First Floor



... trending data?



Water heaters



Familiar displays!

Powered By **niagara** AX FRAMEWORK

lobby_ahu2 Configuration Schedule AHU Overrides

- Home
- AHU 1 mail room
- AHU 2 lobby
- AHU 3 server room
- AHU 4 conference room
- AHU 5 storage
- AHU 6 Sonny's office
- AHU 7 computer lab 102
- AHU 8 class room 104
- AHU 9 class room 101
- AHU 10 class room 103
- AHU 11 class room 105
- AHU 12 class room 107
- Trends
- Audit Log
- Login

Discharge Temp **73.2 °F**

Outside Air

Return

DX Cooling **OFF**

Electric Heat **OFF**

Fan Command **OFF**

Fan Status **OFF**

Schedule **Unoccupied**

Temperature Setpoint **73.0 °F**

Dehumidification Setpoint **65 %RH**

Honeywell

Humidity 40 %

Temperature 75.4 °F

Open Alarm Sources

3 Sources / 3 Alarms

Some more power systems

Meter List

Menu

- GENERAL INFO
- + CONFIGURATION
 - Set time & timezone
- + DIAGNOSTICS
 - Alarms & Events
 - Uplink
 - Temperature
 - PLC
 - Meter List
- + METER DATA
 - Profiles
 - Readouts
 - Raw
 - Data Status
- + SOFTWARE UPDATE
- LOGOUT



You may optionally enter a comparison operator (<, <=, >, >=, <> or =) at the beginning of each of your search values to specify how the comparison should be done.

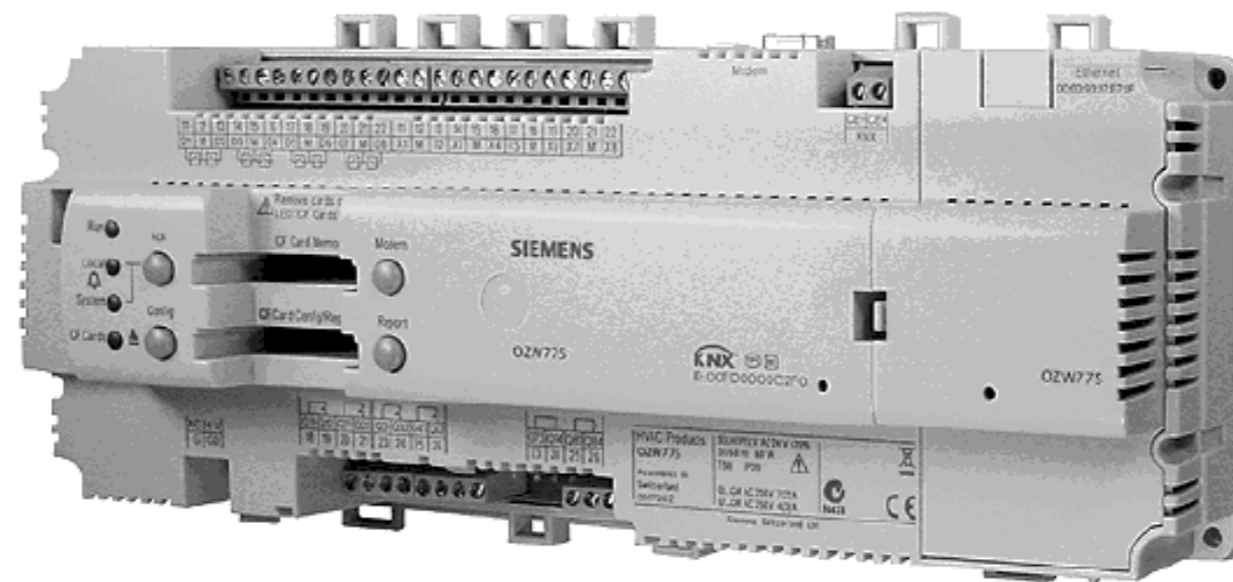
Displaying 1-25 of 576 result(s).

Serial	Systitle	Installationstatus	Status	Meter groups	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
LGZ12931286	049895210935	INSTALLED	REG	ALL , FLEX	
LGZ12957680	049895210981	INSTALLED	REG	ALL , FLEX	
LGZ12957679	049895210972	INSTALLED	REG	ALL , FLEX	
LGZ12892452	049895144158	INSTALLED	REG	ALL , FLEX	
LGZ12930536	049895210895	INSTALLED	NEW	ALL , FLEX	
LGZ12892402	049895144189	INSTALLED	REG	ALL , FLEX	
LGZ12931256	049895210932	INSTALLED	REG	ALL , FLEX	
LGZ12892426	049895144223	INSTALLED	REG	ALL , FLEX	
LGZ12930523	049895210123	INSTALLED	REG	ALL , FLEX	
LGZ12931595	049895210707	INSTALLED	REG	ALL , FLEX	
LGZ12892564	049895144229	INSTALLED	REG	ALL , FLEX	
LGZ12892561	049895144222	INSTALLED	REG	ALL , FLEX	
LGZ12892455	049895144328	INSTALLED	REG	ALL , FLEX	
LGZ12892543	049895144299	INSTALLED	REG	ALL , FLEX	
LGZ12957642	049895211052	INSTALLED	REG	ALL , FLEX	
LGZ12892580	049895144260	INSTALLED	REG	ALL , FLEX	
LGZ12892419	049895144162	INSTALLED	REG	ALL , FLEX	
LGZ12892566	049895144323	INSTALLED	REG	ALL , FLEX	
LGZ12892547	049895144307	INSTALLED	REG	ALL , FLEX	
LGZ12892453	049895144163	INSTALLED	REG	ALL , FLEX	
LGZ12892532	049895144186	INSTALLED	REG	ALL , FLEX	
LGZ12892465	049895144322	INSTALLED	REG	ALL , FLEX	
LGZ12892523	049895144283	INSTALLED	REG	ALL , FLEX	
LGZ12931571	049895210719	INSTALLED	REG	ALL , FLEX	
LGZ12892485	049895144252	INSTALLED	REG	ALL , FLEX	

Go to page: [< Previous](#) **1** [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next >](#)

Larger industrial systems

SIEMENS



Synco™

Central communication unit OZW775 V2.0

with integrated web server function

Commissioning instructions



So I found a **BUNCH** of
stuff.

But what if anything is
actually actionable?

Well, OSINT is
fashionable...

Lets flex that muscle :D

Level One:

Simple recon

Quick observations..

The screenshot displays a vertical list of data points from a web analytics tool. At the top, it shows the country as 'United States' with a US flag icon. Below this is a gear icon followed by the number '75.' and a yellow rectangular box. The next section, marked with a globe icon, lists 'Geo: City: Newburyport' and 'Region: Massachusetts'. This is followed by 'PageRank: No Data' with a 'G' icon, 'Rank: No Data' with an 'a' icon, and 'Google Trends' with its multi-colored logo. Below that is 'McAfee SiteAdvisor' with its shield icon. The final section, marked with a green star icon, lists 'WOT: Trust Worthiness: n/a', 'Vendor Reliability: n/a', 'Privacy: n/a', and 'Child Safety: n/a', each with a small blue circular icon to the right. At the bottom right of the list is an 'Options' link.

United States

75.

Geo: City: Newburyport
Region: Massachusetts

PageRank: No Data

Rank: No Data

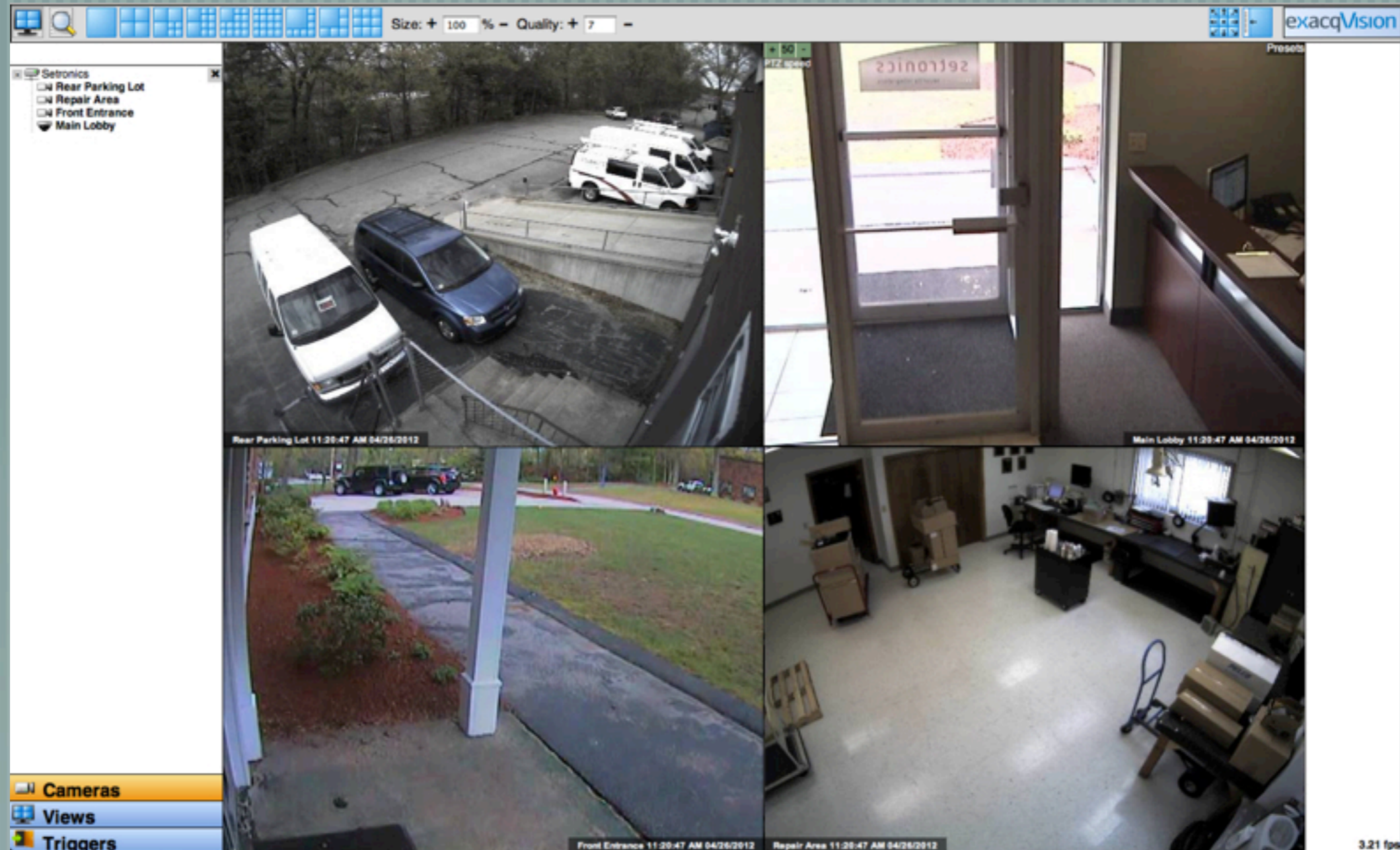
Google Trends

McAfee SiteAdvisor

WOT: Trust Worthiness: n/a
Vendor Reliability: n/a
Privacy: n/a
Child Safety: n/a

[Options](#)

What details can we see?



Leaking data in meatspace



Company name leads to address



Level Two:

Interactions

DISCLAIMER:

I didn't have any idea this happened until someone showed me a gallery of screencaps...





Level Three:

Remember the movie
Live Free or Die Hard?

Yeah, Its kinda like that.



Timothy Olyphant did it with a
Semi filled with millions of dollars
of expensive equipment
and a black ops team?



Though this depiction
Was an insanely successful
Social Engineering campaign, overall.



Except, I'm not shooting
down helicopters with cars.



Massive coolers

OUTSIDE AIR TEMP	72.73 °F
LOW SPACE TEMP	44.38 °F
HIGH SPACE TEMP	44.38 °F
AVERAGE SPACE TEMP	44.38 °F
NETEMP	44.38 °F
SWTEMP	44.38 °F
NWTEMP	43.87 °F
SCTEMP	44.64 °F

LeadChillerSelect : South Chiller

[N_CHILLER2](#)

CHWR Loop Temp. 41.80 °F

Leaving CHW Temp. 41.86 °F

[S_CHILLER1](#)

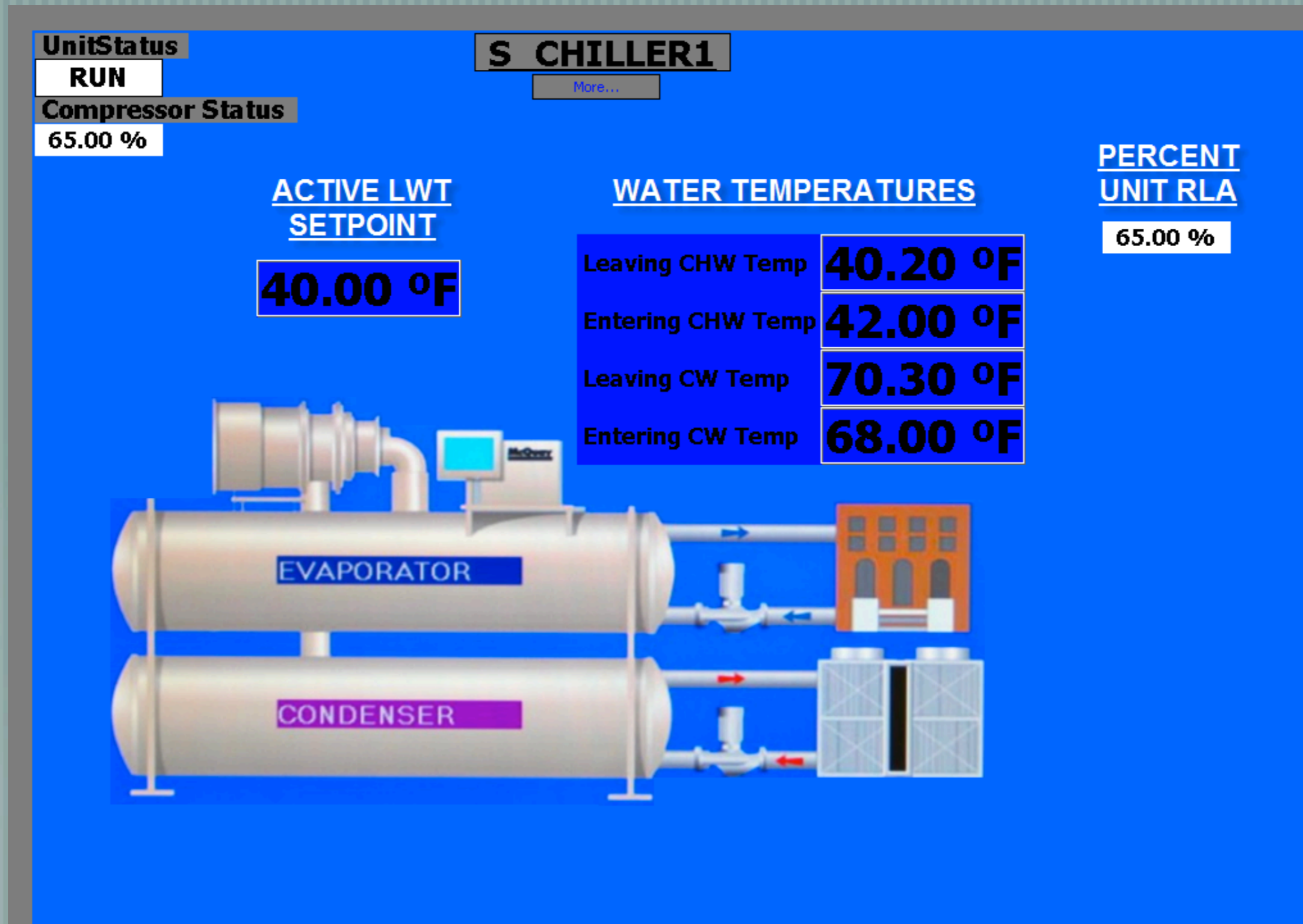
Leaving CHW Temp. 40.48 °F

Active CHW Delta Temp. 1.32 °F

VIEW_EVAP1	VIEW_EVAP8
VIEW_EVAP2	VIEW_EVAP09
VIEW_EVAP3	VIEW_EVAP10
VIEW_EVAP4	VIEW_EVAP11
VIEW_EVAP5	VIEW_EVAP12
VIEW_EVAP6	VIEW_EVAP13
VIEW_EVAP7	VIEW_EVAP14
VIEW_EVAP15	

[EVAP DEFROST SCHEDULEs...](#)

Massive coolers with details!



Some scada keeps logs!

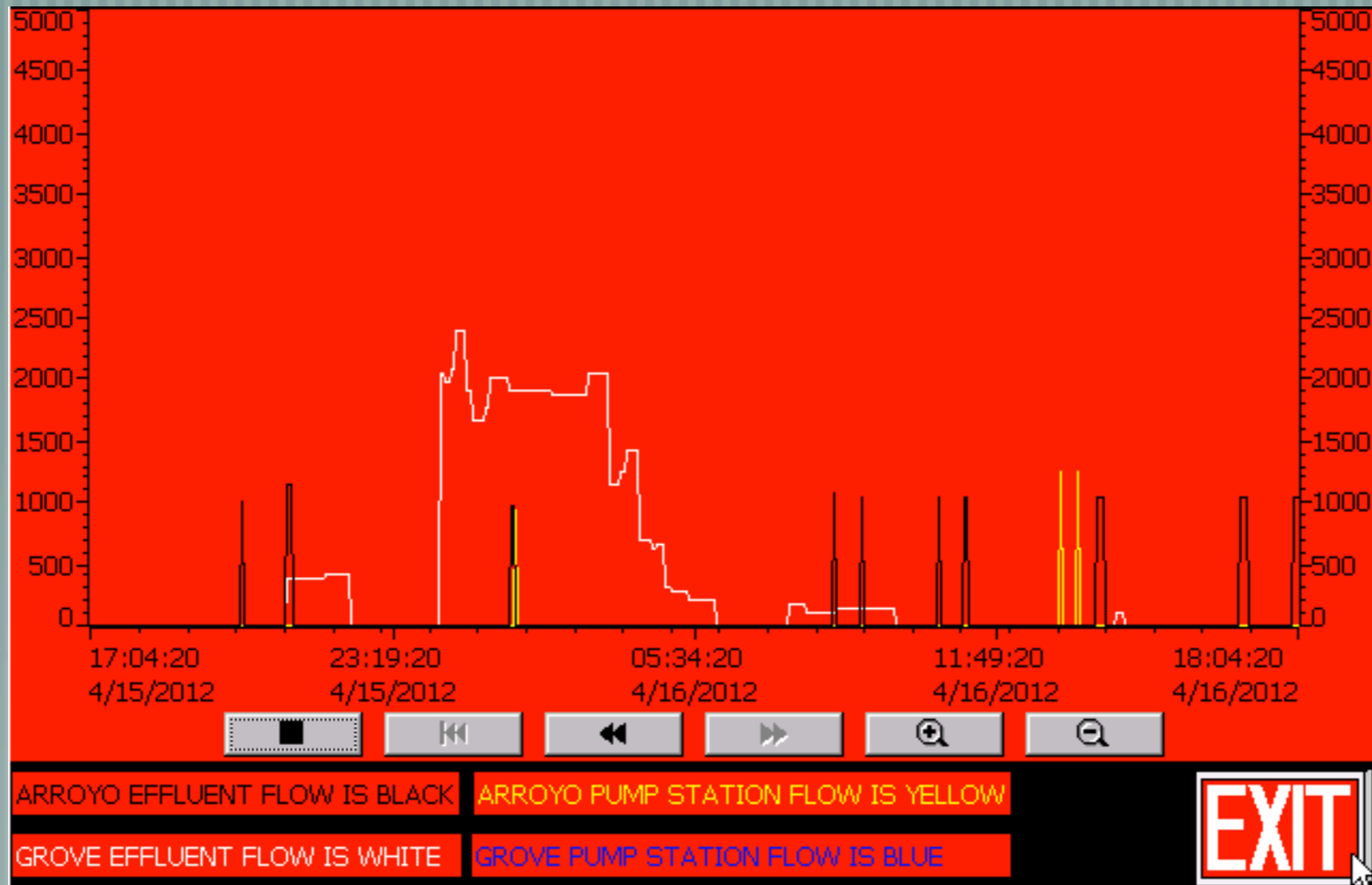
13-Apr-12 7:16:15 AM MDT	fox	1	Opened: 165 <- 0 :: WbApplet [guest] @ Owner-PC
13-Apr-12 7:23:07 AM MDT	fox	1	Opened: 166 <- 0 :: WbApplet [admin] @ Denniss-MacBook-Pro.local
13-Apr-12 7:24:40 AM MDT	fox	1	Opened: 167 <- 0 :: WbApplet [admin] @ Denniss-MacBook-Pro.local
13-Apr-12 7:25:19 AM MDT	fox	1	Closed: 166 <- 0 :: WbApplet [admin] @ Denniss-MacBook-Pro.local
13-Apr-12 7:28:09 AM MDT	fox	1	Closed: 167 <- 0 :: WbApplet [admin] @ Denniss-MacBook-Pro.local
13-Apr-12 7:31:53 AM MDT	fox	1	Closed: 165 <- 0 :: WbApplet [guest] @ Owner-PC
13-Apr-12 7:31:54 AM MDT	fox	1	Opened: 168 <- 1 :: WbApplet [guest] @ Owner-PC
13-Apr-12 7:56:51 AM MDT	fox	1	Closed: 168 <- 1 :: WbApplet [guest] @ Owner-PC
13-Apr-12 9:19:37 AM MDT	fox	1	Opened: 169 <- 0 :: WbApplet [admin] @ Denniss-MacBook-Pro.local
13-Apr-12 9:22:55 AM MDT	fox	1	Closed: 169 <- 0 :: WbApplet [admin] @ Denniss-MacBook-Pro.local
13-Apr-12 9:24:02 AM MDT	sys	1	Saving station...
13-Apr-12 9:24:04 AM MDT	history.db	1	Saved history archive (494ms)

Massive power/UPS gear.

The screenshot displays the Liebert UPS management software interface. The top header features the Liebert logo and navigation buttons for 'Java' and 'Log'. A left-hand navigation tree includes categories like 'Control MENU', 'UPS Monitoring', 'UPS Management', 'Liebert Management', 'UPS History', and 'Language Selection'. The main area is titled 'Comprehensive View' and contains a table of system parameters. At the bottom, there are 'Back' and 'Help' buttons.

Parameter	Value
UPS Status	On-Line
Current Utility Line Voltage (Volt)	197.3
Output Voltage (Volt)	230.7
Output Load (%)	14
Battery Capacity Remaining (%)	100
Current Battery Voltage (Volt)	110.4
UPS Temperature (°C)	31.5
Input Frequency (Hertz)	49.5
UPS Next Off Time (hh:mm dd/mm/yyyy)	
UPS Next On Time (hh:mm dd/mm/yyyy)	
Liebert System Date (dd/mm/yyyy)	17/04/2012
Liebert System Time (hh:mm:ss)	04:35:12
Liebert Up Time (days hh:mm:ss)	8days 18:19:11

VNC Touchpanels



Okay okay.. Its a little
Freaky, but it's no "firesale"...

Meet i.lon.

```
          @@@@          @@@@@@@@@@@@@@@@  @@@@  @@@@ (R)
          @@@@          @@@@@@@@@@@@@@@@  @@@@          @@@@
          @@@@          @@@@@@@@@@@@@@@@  @@@@@@          @@@@
    @@@@  @@@@          @@@@  @@@@  @@@@@@          @@@@
    @@@@  @@@@          @@@@  @@@@  @@@@@@@@@@@@@@@@@@
          @@@@          @@@@  @@@@  @@@@@@@@@@@@@@@@@@
    @@@@  @@@@          @@@@  @@@@  @@@@@@@@@@@@@@@@@@
    @@@@  @@@@          @@@@  @@@@  @@@@@@@@@@@@@@@@@@
    @@@@  @@@@          @@@@@@@@@@@@@@@@@@  @@@@@@@@@@@@@@@@@@
    @@@@  @@@@          @@@@@@@@@@@@@@@@@@  @@@@@@@@@@@@@@@@@@
    @@@@  @@@@          @@@@@@@@@@@@@@@@@@  @@@@@@@@@@@@@@@@@@
```

i.LON SmartServer

Copyright (c) Echelon Corporation 1999-2009. All rights reserved.
Software provided herein may contain or be derived from portions of
materials provided to Echelon under license by a third party supplier.

NOTE: Use 'logout' or Escape Character to exit

Carver> ??

Its stackable! Like devo hats!

i.LON SmartServer

POWERED BY ECHELON

SETUP

VIEW

SETTINGS

HELP

LOG OFF

Submit

Back

ATP_SktPaulsGa/Channel 1/iLON App/AN_Omega: Configure

Navigate

General Driver

AN_Omega

DL_Omega

LNS Network Interface (I

iLON NI (Internal)

Router (Internal)

B

C

A

LON IP

Mbus

37.10

37.19

9700 qym

ATP Aboulevard

ATP Dusager

ATP_SktPaulsGa

CoMeTas Demo

Gigantium

Gladsaxe 02

Gladsaxe test1

HL AUTO

Hedebo

Hedebo Camping

Hedebo u Smart

LightMaster

MartinBygning

Ny Skallerup

Retrogas 02

SV



Name: ATP_SktPaulsGa/Channel 1/iLON App/AN_Omega

Description:

Summary

Input

...

Input

Log

Alarm

Delay

0

s

Output

Output

Aggregation Time (Email)

0

Seconds

Format

CSV

Size

50

kB

Entries

~ 201

File

ATP_SktPaulsGa/Channel 1/iLON App/AN_Ome

History

Format

CSV

Size

100

kB

Entries

~ 403

File

ATP_SktPaulsGa/Channel 1/iLON App/AN_Ome



GIGANTIUM

Idræts - og Kulturcenter

forside

GIGANTIUM

præsentation

nyheder

arrangementer

anvendelse

referencer

Presentation

Storhal

Isarena

Is training

Ice skating on private

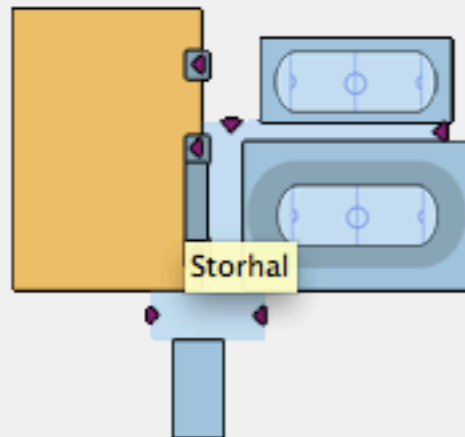
Isarrangement for
companies / individuals

Sports hall

Foyer

Meeting Rooms

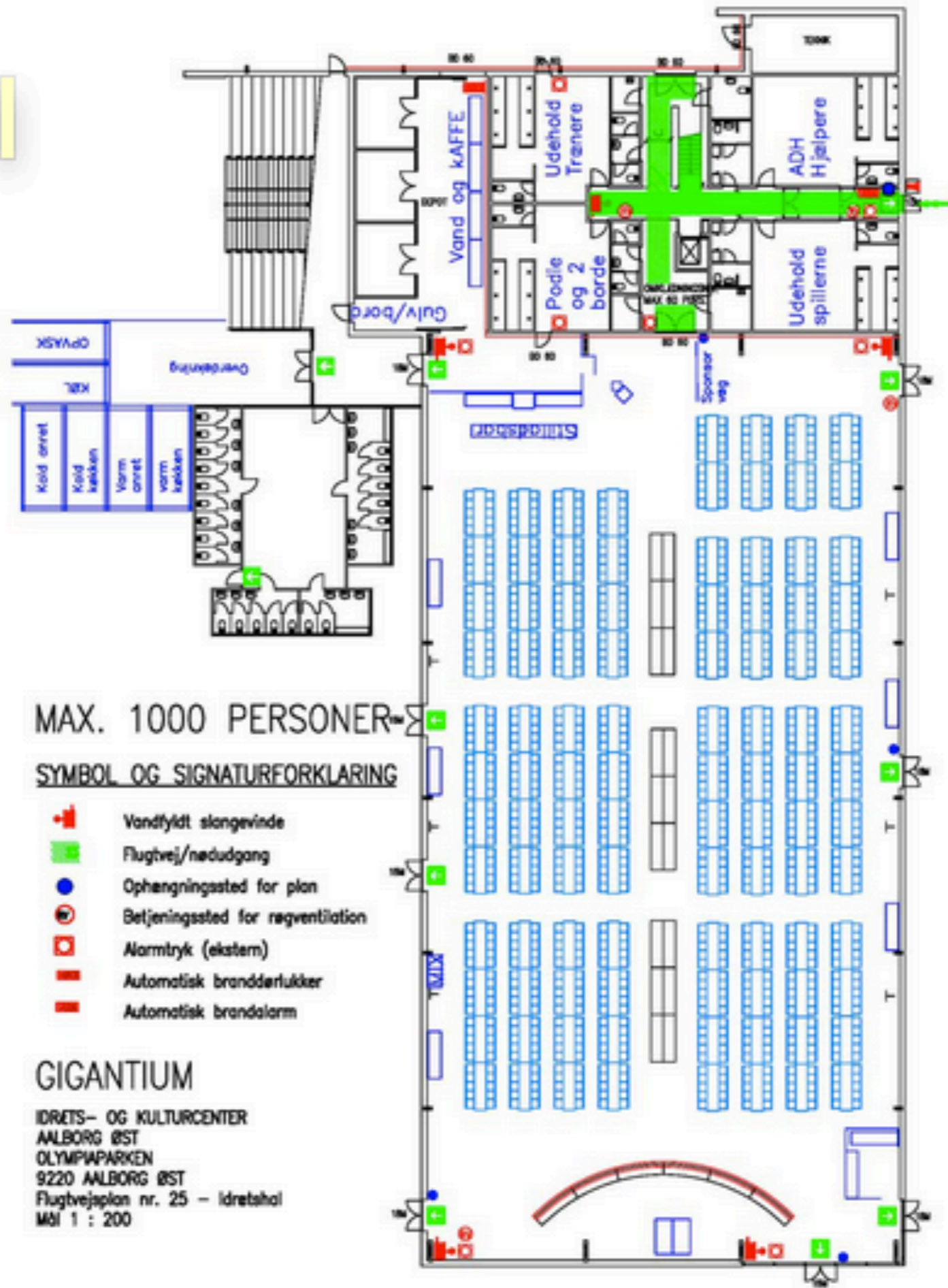
Outdoor



Storhal



Great Hall is a heated limtræs-buehal, with more than 6,000 square meters of DIN-approved sport linoleum brand BoFlex and a further 3,000 square meters of concrete floor. Great Hall is based on a flexible system of props, mobile telescopic grandstands and other facilities that make the hall suitable for virtually all types of events.



MAX. 1000 PERSONER

SYMBOL OG SIGNATURFORKLARING

-  Vandfyldt slangevinde
-  Flugtvej/nøddgang
-  Ophængningssted for plan
-  Betjeningssted for røgventilation
-  Alarmtryk (ekstern)
-  Automatisk branddørlukker
-  Automatisk brandalarm

GIGANTIUM

IDRETS- OG KULTURCENTER
 AALBORG ØST
 OLYMPIAPARKEN
 9220 AALBORG ØST
 Flugtvejsplan nr. 25 - Idrætshal
 Mål 1 : 200

Contents

Hedebo Strandcamping
Camp Information
Location Map
Cabin Rental
Camper Rental
Activities
Sights
Atmosphere Pictures
Directions
Hedebo Classic MC
Season Room Rates
Offers
Prices
Query
Links

Site info



Hedebo Strandcamping
Frederikshavnsvej 108
9,300 Sæby
Tel 98461449
Fax 98401313 [Email the site](#)

Open: 30.03. - 09.09.

LON 10 ° 30 '54.7308 "

LAT 57 ° 21 '20.2752 "



Features

[Add to Favorites](#)

Welcome to Hedebo Strandcamping



Directly by the child-friendly sandy beach with blue flag
Our place has something for you if you bring your boat, want to fish like to swim, want to surf, want to sunbathe on the beach, loves long walks in nature or perhaps just want to sit on the bench down at havbakken and enjoy the view above sea level.



Calendar

26-05-2012
Flea at Hedebo
► [Read more](#)

[More events](#)



Sæby Svømmebad



Discount Appointment:
Adults: DKK 30
Children: £ 16
Wellness: 45 kr





Skallerup Klit



365 dejlige dage

Home | [HOLIDAY HOMES & PRICES](#) | [ACTIVITIES](#) | [WELLNESS](#) | [FOOD & DRINKS](#) | [TOURIST GUIDE](#) | [CONFERENCE](#) | [FAQ](#) |



[Booking](#)

[Offers](#)

[Brochures](#)

[Newsletter](#)

[Gift certificates](#)

[Activity summary](#)

HOLIDAY HOMES & PRICES

[Prices 2012](#)

[Lavpriskalender 2012](#)

- [Worth knowing](#)
- [Have a REAL holiday...](#)

Skallerup offers over 262 stylish year-end holiday cottages, divided into 8 different types. You can always find a place to stay here that suits your wishes and needs and can serve as the perfect setting for a delightful holiday - right close to the beautiful nature and crashing North Sea.

Amoking is prohibited in all holiday accomodations and pets are not permitted in the E4 and E2 apartments.



[WHAT TO SE AND DO](#) in North Jutland



[CONTACT US](#)

Phone: 0045 9924 8400
info@skallerup.dk

[HOW TO FIND US](#)



Classic cottages



Classic cottage A4

Number of people: 4

[Info](#)

[Prices](#)



[BOOK](#)



Classic cottage A6

Number of people: 6 + 2

[Info](#)

[Prices](#)



[BOOK](#)

Spa cottage

So I can control the:
power, lights, hvac
ice skating rink, garage doors
water pressure and boilers

Of something like 36 businesses
all in one town?

Getting a little closer, eh?



Econolite. Stoplights.

```
Escape character is '^]'.  
OS-9/68K V3.3 Econolite 2070-1B(68360) 2002 TEES Erratum 2 - 68300 12/05/24 04:24:21  
User name?:  
Who?
```

```
URMS: DAT/dat  
      2070  
Diagnostics Acceptance Test  
      Caltrans Version 2.1
```

```
      DANGER!  
DO NOT USE WHILE CONTROLLER IS  
BEING USED FOR TRAFFIC CONTROL  
OR SERIOUS DAMAGE, INJURY OR  
      DEATH MAY OCCUR !!!
```

```
      Warning!  
Shutting off controller while running  
the flash memory test may corrupt files,  
or other data on the flash drive
```

```
*** DAT Main Menu ***  
1) Processor  
2) Front Panel  
3) Field I/O  
4) Async Ports  
5) Sync Ports  
6) Modem Tests  
7) Utility Functions  
8) Run Continuous  
9) Configure Standard Tests
```


AUTOPLATE.

These are red light cameras.
The ones that ticket you.

```
Escape character is '^['.

ATZ
P372 application Apr 03 2008 09:42:23
P372 Serial Number: 5998
pcb:1, vers:03, rel:x06, build:881
RAM: 128M @ 128M      EPROM: 512k
Flex capabilities 003f
  Camera firmware: 4.34
  362 epld vers: 13
  ANPR enabled for: USA New York & surrounding      , 2262
  Operating system: C EXECUTIVE 3.3
eprom image checksum: 1408
  application crc: 1e57
  current config crc: eb0f
  reference config crc: eb0f
* Installed options: 00200010
* ... Basic VES with no security
* ... USA Licenceplate recognition
* PIPS Technology AUTOPLATE (tm) license plate recognition
* VES - (violation enforcement system)
>>??^M
Available Commands are:
  system
  active
  client
  vf
  jpeg
  bmp
  ves
```

DakTronics.

DAKTRONICS
Scoreboards, Displays, Video, Sound.

Products & Services | Support | Company | Employment | Investors

Products | Applications | Services | Architect Resources | Photo Gallery | Video Gallery

↳ Daktronics → Products & Services → Products → Software & Controllers → DMS Software & Controllers → Vanguard

DMS Software & Controllers

- › DMS Control Hardware
- › Vanguard v4 Control Software
 - › Professional
 - › Standard

TRANSPORTATION BLOG

TRANSPORTATION
ISO 9001:2008 REGISTERED
QUALITY MANAGEMENT SYSTEM

Vanguard Professional Message Scheduler

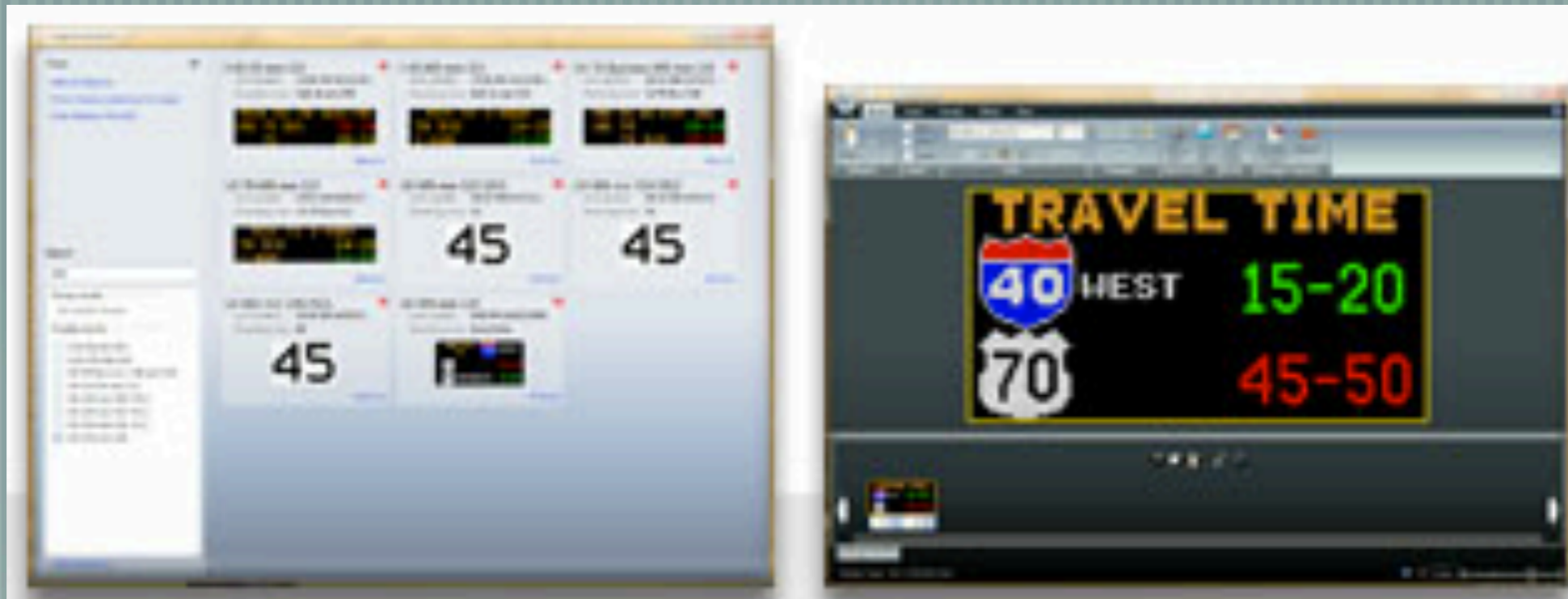
Vanguard Professional Display Monitor

Vanguard Professional Content Studio

Vanguard® v4 Professional Software

Vanguard Professional enacts powerful control over large DMS networks from traffic management centers. Professional includes all the monitoring, message creation, and

DakTronics.



**Red light cameras, road
signs and stoplights.**

Check.

**How about some current
events?**

Ruggedcom?

Other stuff thats fun?

N4-DLC

Passwords

Auth Type	<input type="text" value="Local"/>
Guest Username:	<input type="text" value="guest"/>
Guest Password:	<input type="password" value="....."/>
Confirm Guest Password:	<input type="password" value="....."/>
Operator Username:	<input type="text" value="operator"/>
Operator Password:	<input type="password" value="....."/>
Confirm Operator Password:	<input type="password" value="....."/>
Admin Username:	<input type="text" value="admin"/>
Admin Password:	<input type="password" value="....."/>
Confirm Admin Password:	<input type="password" value="....."/>

Apply

Reload

N4-DLC

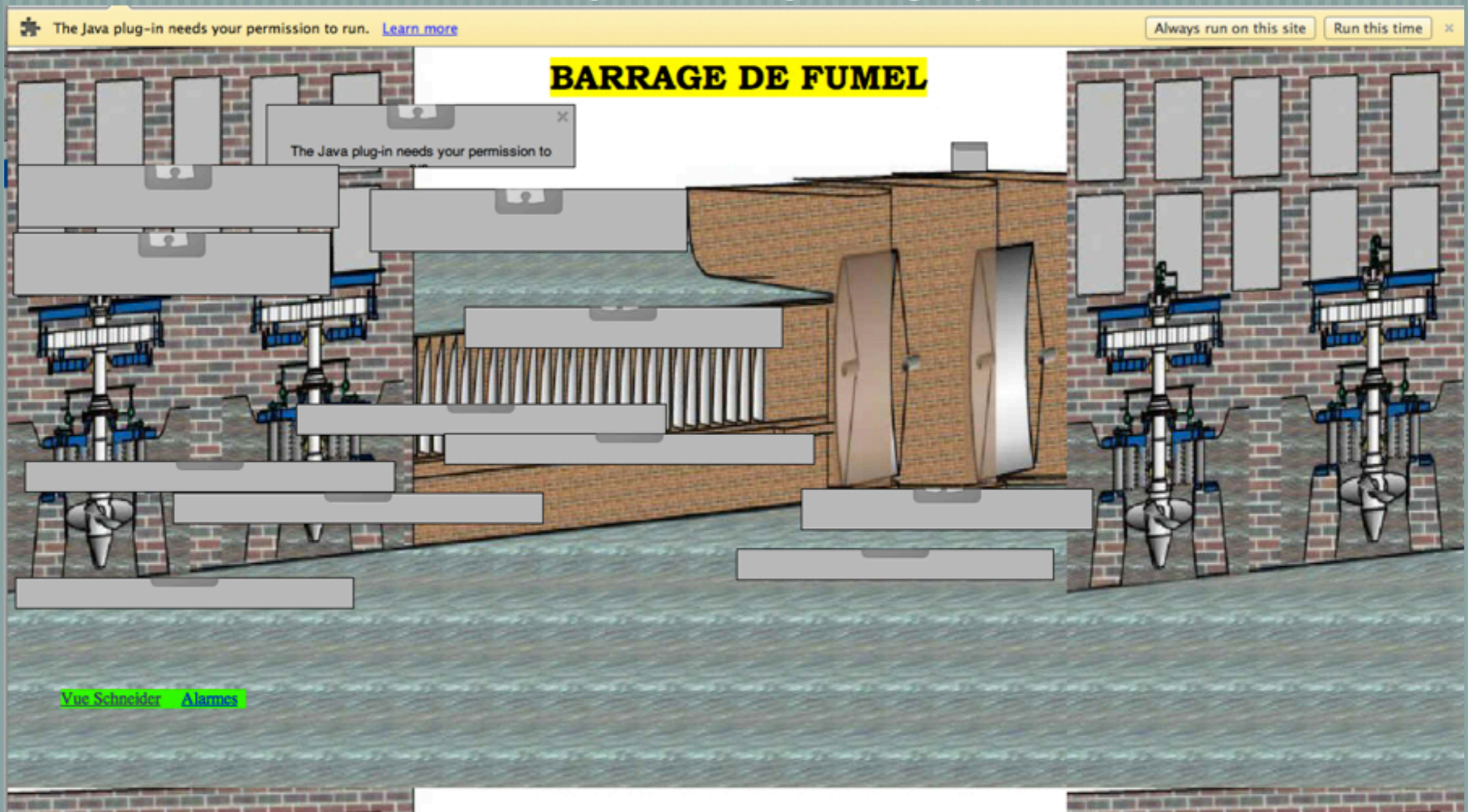
Passwords

Auth Type	<input type="text" value="Local"/>
Guest Username:	<input type="text" value="guest"/>
Guest Password:	<input type="text" value="guest"/>
Confirm Guest Password:	<input type="text" value="guest"/>
Operator Username:	<input type="text" value="operator"/>
Operator Password:	<input type="text" value="operator"/>
Confirm Operator Password:	<input type="text" value="operator"/>
Admin Username:	<input type="text" value="admin"/>
Admin Password:	<input type="text" value="admin"/>
Confirm Admin Password:	<input type="text" value="admin"/>

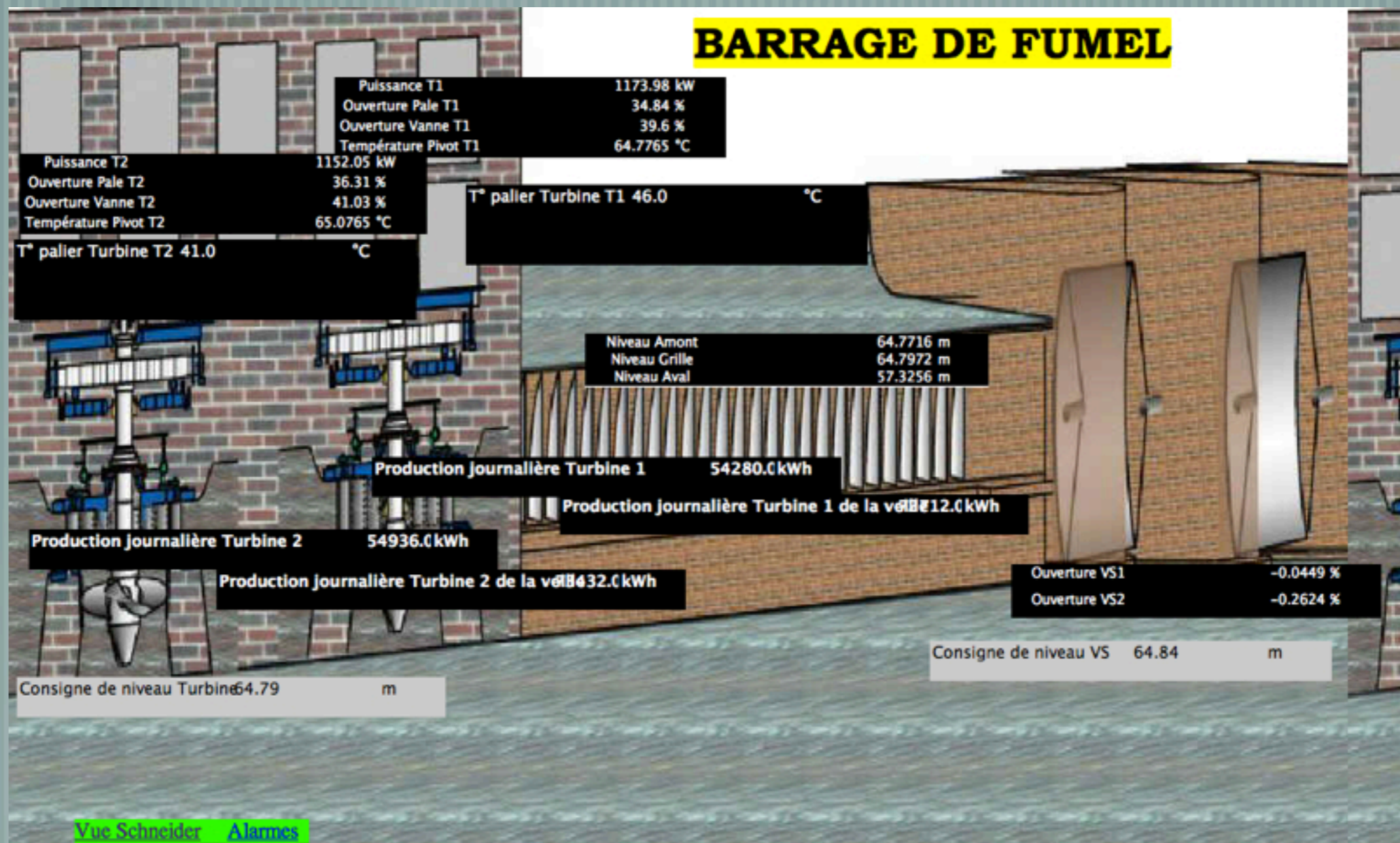
Apply

Reload

Does this look like malware?



Now it looks .. "better"?.. I guess? :\



I put that on twitter.

**A day later DHS called my
cellphone.**

Satellite systems

The screenshot shows a web-based network management interface for a COMTECH device. The header includes the COMTECH logo, the model number CDD-564L, and navigation tabs for Home, Admin, Demod, IP, and State. The 'Demod' tab is active, and the 'IP' sub-tab is selected. The main content area displays 'IP Routing Statistics' with two sections: 'Sent/Received' and 'Dropped'. The 'Sent/Received' section shows 13,003,194 packets from satellite and 219,042 from Ethernet. The 'Dropped' section lists various reasons for dropped packets, such as TTL expired (43), No ARP entry (100), Bad Header Checksum (260), No Route (1), Bad Buffer Length (4), and Bad IP Version (5).

COMTECH
EF DATA

CDD-564L

Demod **1** 2 3 4

IP Routing Statistics

IP Routing Statistics - Sent/Received - Automatically Updates Every 10 Seconds

Total IP Packets from Satellite	130031194
Total IP Packets from Ethernet	2190042
Total IGMP Packets Received	0
IP Options Packets Received	552

Total IP P

IP Routing Statistics - Dropped - Automatically Updates Every 10 Seconds

TTL Expired - Dropped	43	No ARP Entry - Dropped	100
Bad Hdr ChkSum - Dropped	260	Bad Buffer Length - Dropped	4
No Route - Dropped	1	Bad IP Version - Dropped	5

NAS storage arrays



"LaserWash"

Car Wash Systems

Abort/Recovery Options

Door Settings

Dryer Settings

Freeze Protection

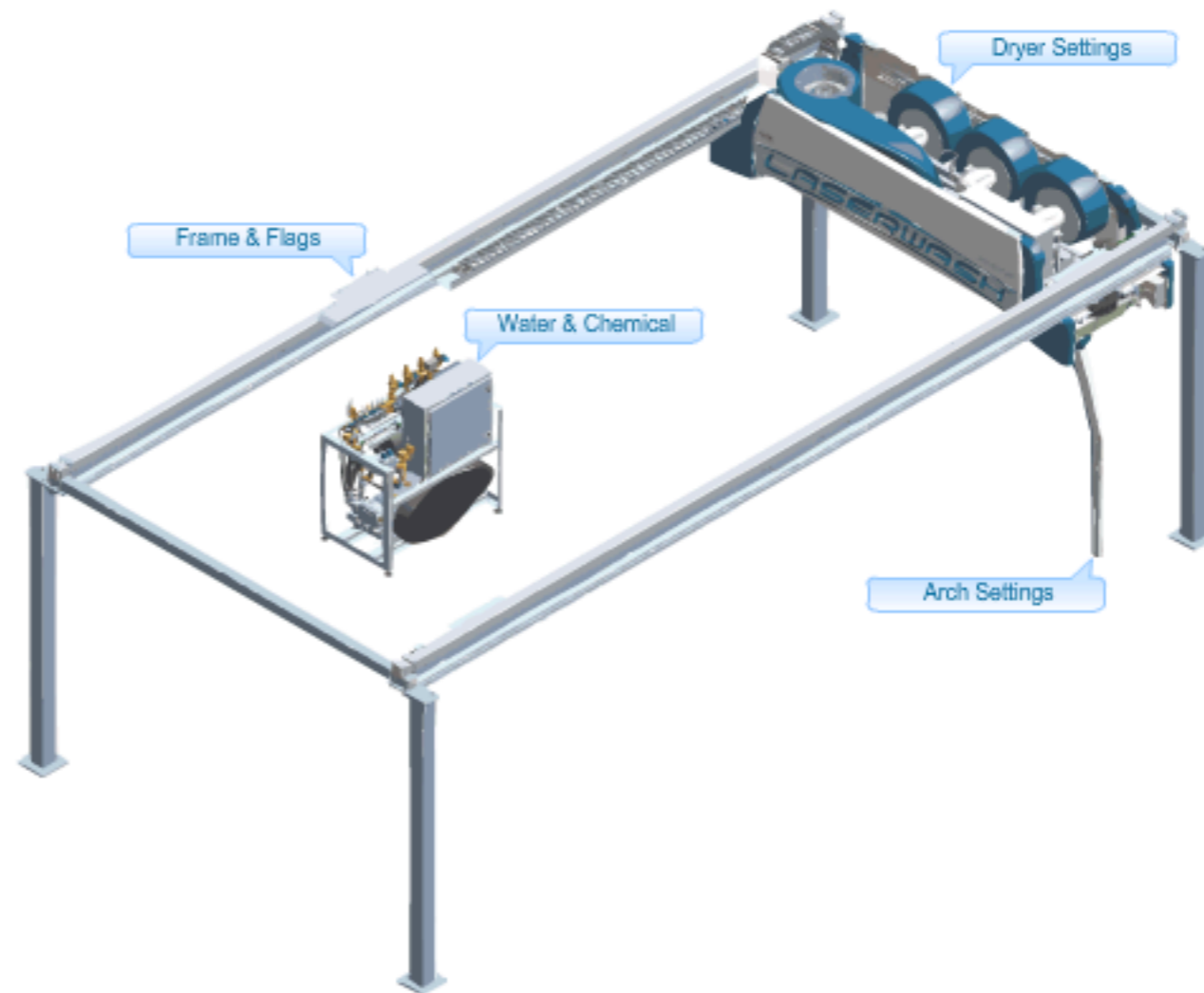
Installed Options

Machine Dimensions

Machine Offsets

Timers

Water and Chemical



Massive Humidifiers

DRISTEEM

Vapor-logic4

STATUS

ALARMS

DIAGNOSTICS

SETUP

HELP

System Status

DEMAND

44.9%

OUTPUT

44.8%

RUN MODE

Auto

**TANK
STATUS**

Boiling

Alarms

0 active alarms

> [View Alarms](#)

Messages

0 active messages

> [View Messages](#)

Wed Jul 11 2012 22:28:31 GMT-0700 (PDT)

Data stream is LIVE

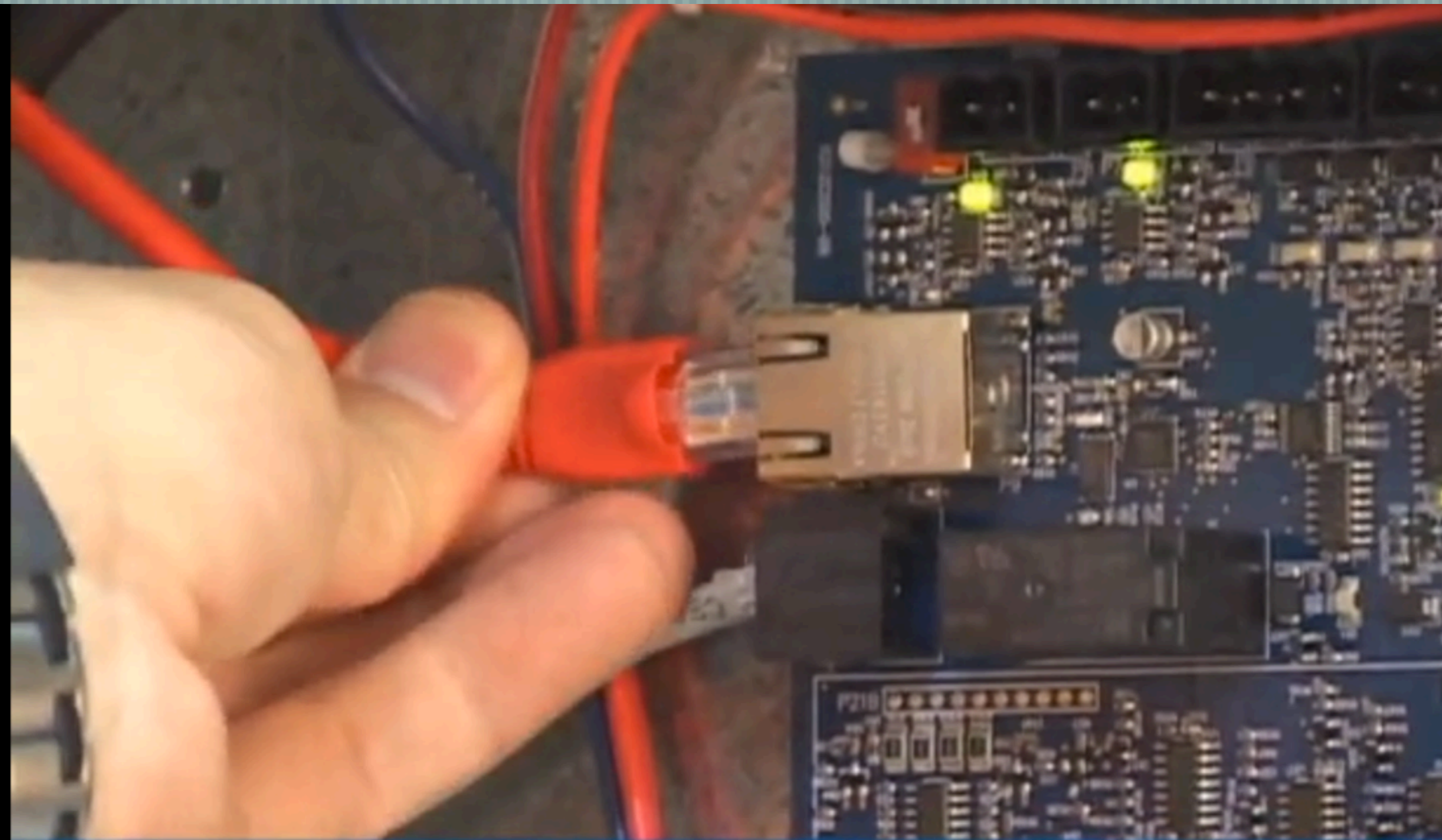
View all humidifier settings below. Some settings can be changed here. Go to the Setup tab to change settings that cannot be changed from this page.

TANK STATUS:

Run Mode	Auto	CHANGE
Input signal	4.5 VDC	
Steam output	44.8%	
Steam production	8 lbs/hr	
Duct HL switch	Closed	
Tank temperature	218°F	
Tank temp signal	1745 Ohms	
DI low water switch	Water	
Fill valve	Open	
Drain valve	Closed	
Airflow switch	Flow	
Interlock switch	Closed	
H2O until service	1163 lbs	

© Copyright 2010 DRI-STEEM Corporation. All rights reserved. Vapor-logic is a registered trademark of DRI-STEEM Corporation.

Massive Humidifiers



Connect directly to the board

Emergency Telco gear



Switch reliably.



HOME PRODUCTS SOLUTIONS WHERE TO BUY COMPANY SUPPORT CONTACT



Resources

5000S
> Download | View the Data Sheet PDF
> Download the Detailed Product Overview

5000I

5000SL

5000LF

5000S ESA Switch

Aztek Networks' 5000S ESA switch is the first and only purpose-built true emergency stand-alone switching device that is fully redundant, field cabinet ready and truly capable of seamless interoperability with any open-standard GR-303 access element or host switch.

The Aztek 5000S continuously monitors the signal between a host switch and an access device such as a DLC, BLC or MSAP, and becomes the active switching element only if the signaling link between the host switch and the access device becomes inactive.

FEATURES

- True ESA switching
- Based on standard GR-303
- Works with legacy DLCs or new BLCs and MSAPs
- Compact design
- Environmentally hardened
- 16 DS1 (8+8)
- Ideal solution for switch collapse or replacement of proprietary RSUs

©2012 Aztek Networks. All Rights Reserved.

Emergency Telco gear

Aztek 5000S



Slot A Status: **Active** Mode: **Monitoring**

Logout

Operations

Shelf Management

Alarms

Logs

Call Detail Record

Lock Mode

Provisioning

DLCs

DS1s

Configuration

Alarm Severity

911 Designee Barge-In

Timeouts and Delays

ACTS

Networking

Password

System Update

Dial Plan

Software Download

Software Swap

Support

On Demand Tests

Date/Time	Severity	Object Type	Object ID	Location	Category	Description
1970/02/02 - 20:10:19	Minor	SWUPDATE_SERVICE	0	CTA Slot B	Equipment	Dial Plan download fault
1970/01/01 - 00:00:19	Minor	RESOURCE_SERVICE	0	CTA Slot A	Equipment	ACTS time fault

Refresh this page every seconds.

wait what?

```
//*****  
// You are free to copy the "Folder-Tree" script as long as you  
// keep this copyright notice:  
// Script found in: http://www.geocities.com/marcelino\_martins/foldertree.html  
// Author: Marcelino Alves Martins (http://www.mmartins.com)  
// 1997--2001.  
//*****  
  
// Log of changes:  
//      10 Aug 01 - Support for Netscape 6  
//  
//      17 Feb 98 - Fix initialization flashing problem with Netscape  
//  
//      27 Jan 98 - Root folder starts open; support for USETEXTLINKS;  
//                  make the ftien4 a js file  
  
// Definition of class Folder  
// *****
```

...speakers?

QSA 500 D

2-way active system;
bi-amping



A massive wine cooler

Station | Root | Device Networks | N2 Network | 1-FX07-02 | Points

Navigation

- 74.101.128.141 (Mark_Hotel_Wine)
 - Device Networks
 - N2 Network
 - 1-FX07-01
 - Points
 - 1-FX07-02
 - Points
 - Niagara Network
 - Schedule Manager
 - Link Manager
 - Point Groups
 - Global Point Extension Manager
 - Alarm Console
 - Point Histories
 - Administration
 - Files
 - Custom Control
 - AlarmService
 - EmailService
 - EmailRecipient
 - OutgoingAccount
 - History Container View
 - Point Extension Defaults
 - BackupService
 - Users
 - Time Sync
 - Platform
 - Web Service
 - Serial Port Configuration
 - Dialup Configuration

Database

Name	Long Name	Type	Out	Network Point Type	Netwo
Temp Champagne	T3	Numeric Point	76.0 °F {ok}	Analog Data Float	1
Humidity Champagne	H3	Numeric Point	58.3 %RH {ok}	Analog Data Float	4
Setpoint Temp Champagne	StpT3	Numeric Writable	44.0 °F {overridden} @ 8	Analog Data Float	17
Diff Temp Champagne	DiffT3	Numeric Writable	3.0 Δ°F {overridden} @ 8	Analog Data Float	18
Alarm Diff Champagne	ReferenceShiftT3Avg	Numeric Writable	15.0 Δ°F {overridden} @ 8	Analog Data Float	20
Alarm Delay Champagne	DelayTimeAIT3vg	Numeric Writable	3600.0 s {ok} @ def	Analog Data Float	21
Cooling Champagne	SV3	Enum Point	Off {ok}	Binary Data	1
Alarm Champagne		Boolean Point	Alarm {alarm,unackedAlarm}	Binary Data	3
Avg Temp Bar Right	AvgT4	Numeric Point	53.0 °F {ok}	Analog Data Float	5
Temp Bar Right Left	T4A	Numeric Point	52.7 °F {ok}	Analog Data Float	2
Temp Bar Right Right	T4B	Numeric Point	53.2 °F {ok}	Analog Data Float	3
Setpoint Temp Bar Right	StpT4	Numeric Writable	44.0 °F {ok} @ def	Analog Data Float	22
DiffAlarmT3Avg	DiffAlarmT3Avg	Numeric Writable	2.0 °F {ok} @ def	Analog Data Float	19
Diff Temp Bar Right	DiffT4	Numeric Writable	3.0 Δ°F {overridden} @ 8	Analog Data Float	23
Alarm Diff Bar Right	ReferenceShiftT4	Numeric Writable	10.0 Δ°F {ok} @ def	Analog Data Float	24
DiffAlarmT4	DiffAlarmT4	Numeric Writable	2.0 °F {ok} @ def	Analog Data Float	25
Alarm Delay Bar Right	AlarmDelayT4	Numeric Writable	3600.0 s {ok} @ def	Analog Data Float	26
Cooling Bar Right	SV4	Enum Point	Off {ok}	Binary Data	2
Alarm Bar Right		Boolean Point	Normal {ok}	Binary Data	5
Alarm	Alarm	Enum Point	Alarm {ok}	Binary Data	4
OffsetT3	OffsetT3	Numeric Writable	0.0 °F {ok} @ def	Analog Data Float	13
OffsetT4A	OffsetT4A	Numeric Writable	0.0 °F {ok} @ def	Analog Data Float	14
OffsetT4B	OffsetT4B	Numeric Writable	0.0 °F {ok} @ def	Analog Data Float	15
OffsetH3	OffsetH3	Numeric Writable	0.0 % {ok} @ def	Analog Data Float	16
RemoteValueAI1	RemoteValueAI1	Numeric Writable	0.0 °F {fault} @ def	Analog Data Float	6
RemoteValueAI2	RemoteValueAI2	Numeric Writable	0.0 °F {fault} @ def	Analog Data Float	7
RemoteValueAI3	RemoteValueAI3	Numeric Writable	0.0 °F {fault} @ def	Analog Data Float	8

A massive wine cooler

Hotel Wine Cooler

History
Alarms (0)
12-Jul-12 1:23 AM

Avg Temp : 60.6 °F

Setpoint : 59.0 °F

Setpoint Diff : 3.0 Δ°F

Cooling : On

Alarm Diff : 10.0 Δ°F

Alarm Delay : 3599.0 s

Alarm : Normal

Corridor

		60.8 °F			73.9 %RH		60.4 °F		
--	--	---------	--	--	----------	--	---------	--	--

Champagne

76.0 °F
58.0 %RH

Bar Left

52.9 °F

Setpoint : 44.0 °F

Setpoint Diff : 3.0 Δ°F

Cooling : Off

Alarm Diff : 10.0 Δ°F

Alarm Delay : 3600.0 s

Alarm : Normal

Bar Right

		53.4 °F
52.8 °F		

Avg Temp : 53.1 °F

Setpoint : 44.0 °F

Setpoint Diff : 3.0 Δ°F

Cooling : Off

Alarm Diff : 10.0 Δ°F

Alarm Delay : 3600.0 s

Alarm : Normal

Setpoint : 44.0 °F

Setpoint Diff : 3.0 Δ°F

Cooling : Off

Alarm Diff : 15.0 Δ°F

Alarm Delay : 3600.0 s

Alarm : Alarm

Thinking longer term..

Remember the trending?

i.LON SmartServer POWERED BY **ECHELON**

View - Data Points

Select Data Point

General
 Driver

- nvoAcAlarmSwitch_2
- nvoAcPortConfig
- nvoAcStatus
- nvoAcValueFb
- RunHours_3
- Temp_IP4
- Tee30_Timetæller
- Varme_dommerbur OP1
- gigantiumIceAren
- nciIgnitions
- nciLightLevel
- nciPirEnabled
- nciPirTime
- nciScene
- nciSwitchEnabled
- ndisStep
- nviAlarmSignal
- nviEmergency
- nviPirOcc
- nviScene
- nviSwDOWN
- nviSwOFF
- nviSwON
- nviSwUP
- nvoActIgnition
- nvoCurrentScene
- nvoDebounce
- nvoLampValue1
- nvoLampValue2
- nvoLampValue3
- Dommerbur
- Funk_3
- Gardin
- Is
- LNS Network Interface
- LightMaster1
- NodeObject

Gigantium/Channel 1/Arena/gigantiumIceAren/nviSwON ✕

Displaying selected entries.

First Log Entry: 2012-04-17 02:43:18 Entire Range Last Log Entry: 2012-04-17 02:48:37

15	Gigantium/Channel 1/Arena/gigantiumIceAren/nviSwUP	193.163.37.19:82	SNVT_switch	OFF	255	ONLINE	
16	Gigantium/Channel 1/Arena/gigantiumIceAren/nvoActIgnition	193.163.37.19:82	SNVT_count	0	255	ONLINE	
17	Gigantium/Channel 1/Arena/gigantiumIceAren/nvoCurrentScene	193.163.37.19:82	SNVT_count	0	255	ONLINE	
18	Gigantium/Channel 1/Arena/gigantiumIceAren/nvoDebounce	193.163.37.19:82	SNVT_time_sec	484.0	seconds	255	ONLINE
19	Gigantium/Channel 1/Arena/gigantiumIceAren/nvoLampValue1	193.163.37.19:82	SNVT_switch	OFF	255	ONLINE	
20	Gigantium/Channel 1/Arena/gigantiumIceAren/nvoLampValue2	193.163.37.19:82	SNVT_switch	OFF	255	ONLINE	
21	Gigantium/Channel 1/Arena/gigantiumIceAren/nvoLampValue3	193.163.37.19:82	SNVT_switch	OFF	255	ONLINE	

Since scanning the
whole internet is
getting easier, we can
take measurements!

How about some

Measurable

Results?

**Remember that
Webcam Stuff I did
Back in January?**

Lots of public TrendNet Cameras?



Original Blogpost: Jan 10

My blogpost: Jan 24 (560 cameras)

BBC Article: Feb 7

A retest: April 3 (464 cameras)

US Media picks it up: mid April

Second Retest: May 24 (465 cameras)

Third Retest: July 12 (490 cameras)

It scales.

I'm working on it..

Wanna stalk me?

atenlabs.com/blog

@viss