# ABS 3

## Preview

ALERTON®

# Welcome Back to the Suite!

- Envision for BACtalk
- WEBtalk
- VisualLogic®
- BACtalk Builder

# ABS 3 Overview

- New VisualLogic® Enhancements
- New Reporting Engine
- New Trendlog Viewer
- New Licensing
- New Integrated Dashboard with design tool
- Tips on Selling/Upgrading to ABS 3
- Pricing

# *New VisualLogic Enhancements*

ALERTON®

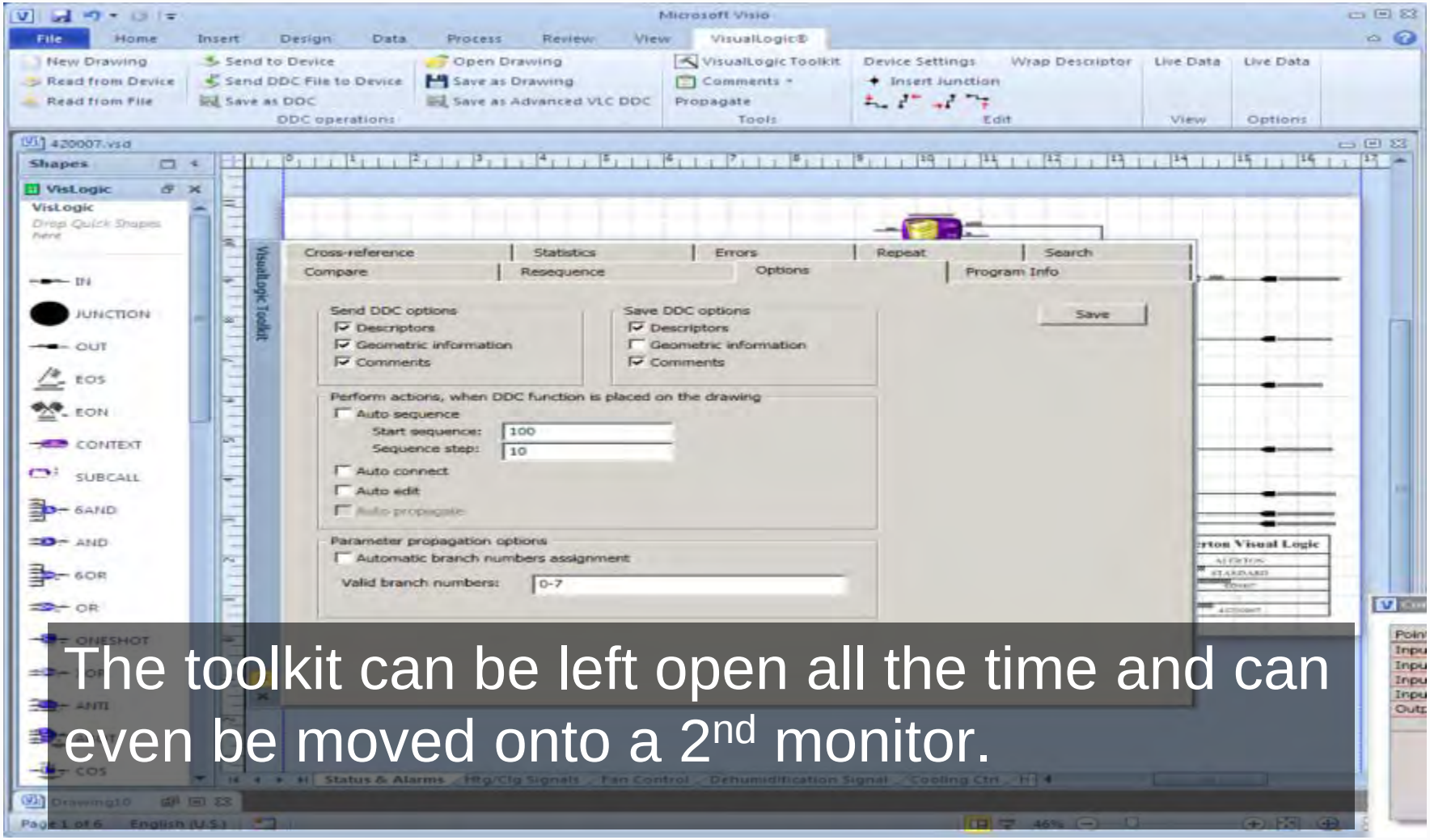
- *New* DDC Toolkit
- *New* Compare DDC Function
- *New* Auto Sequence Function
- *New* Auto Edit DDC

VisualLogic®

v3.0

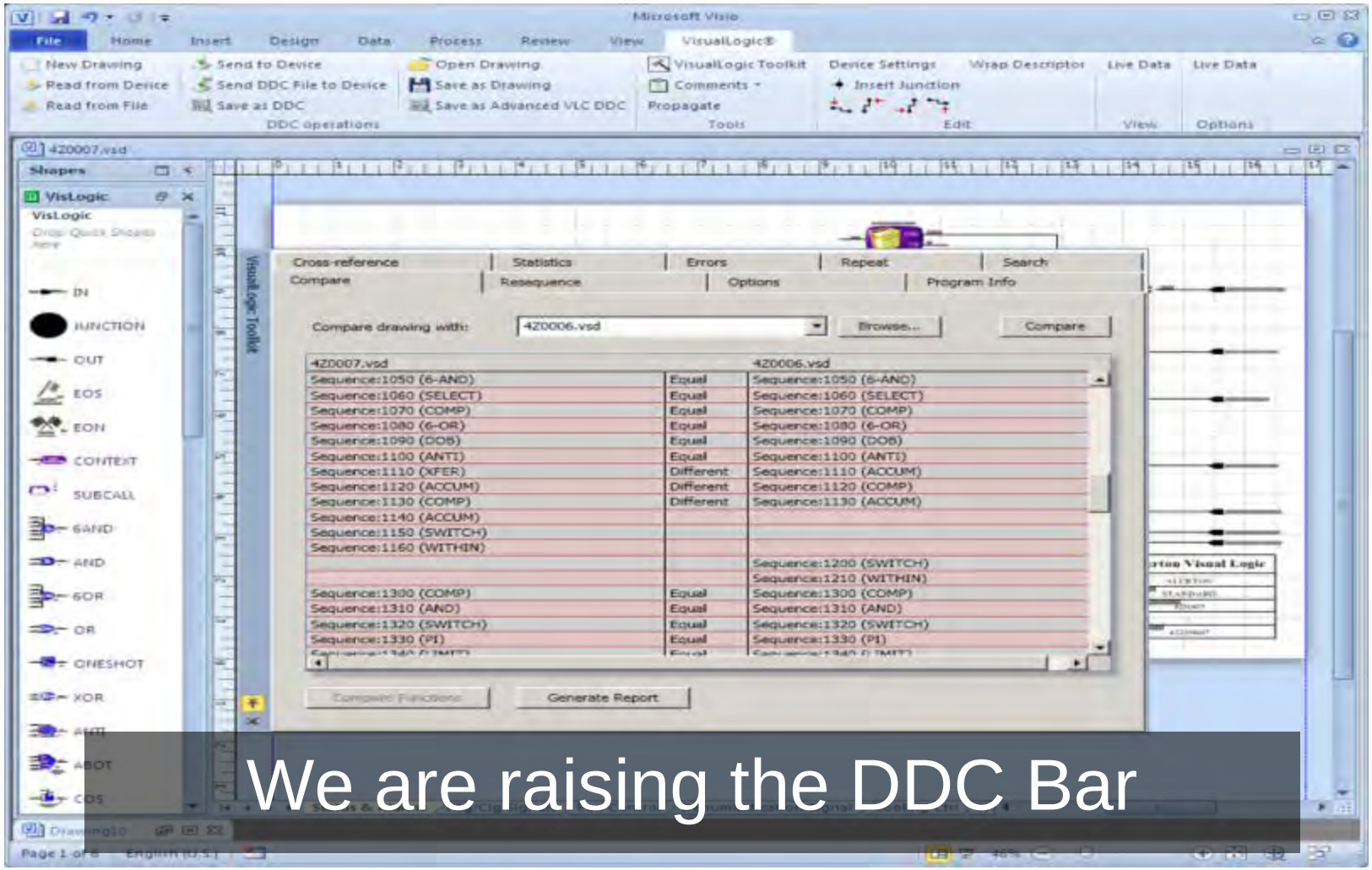
We make buildings work.

# VisualLogic Toolkit




The toolkit can be left open all the time and can even be moved onto a 2nd monitor.

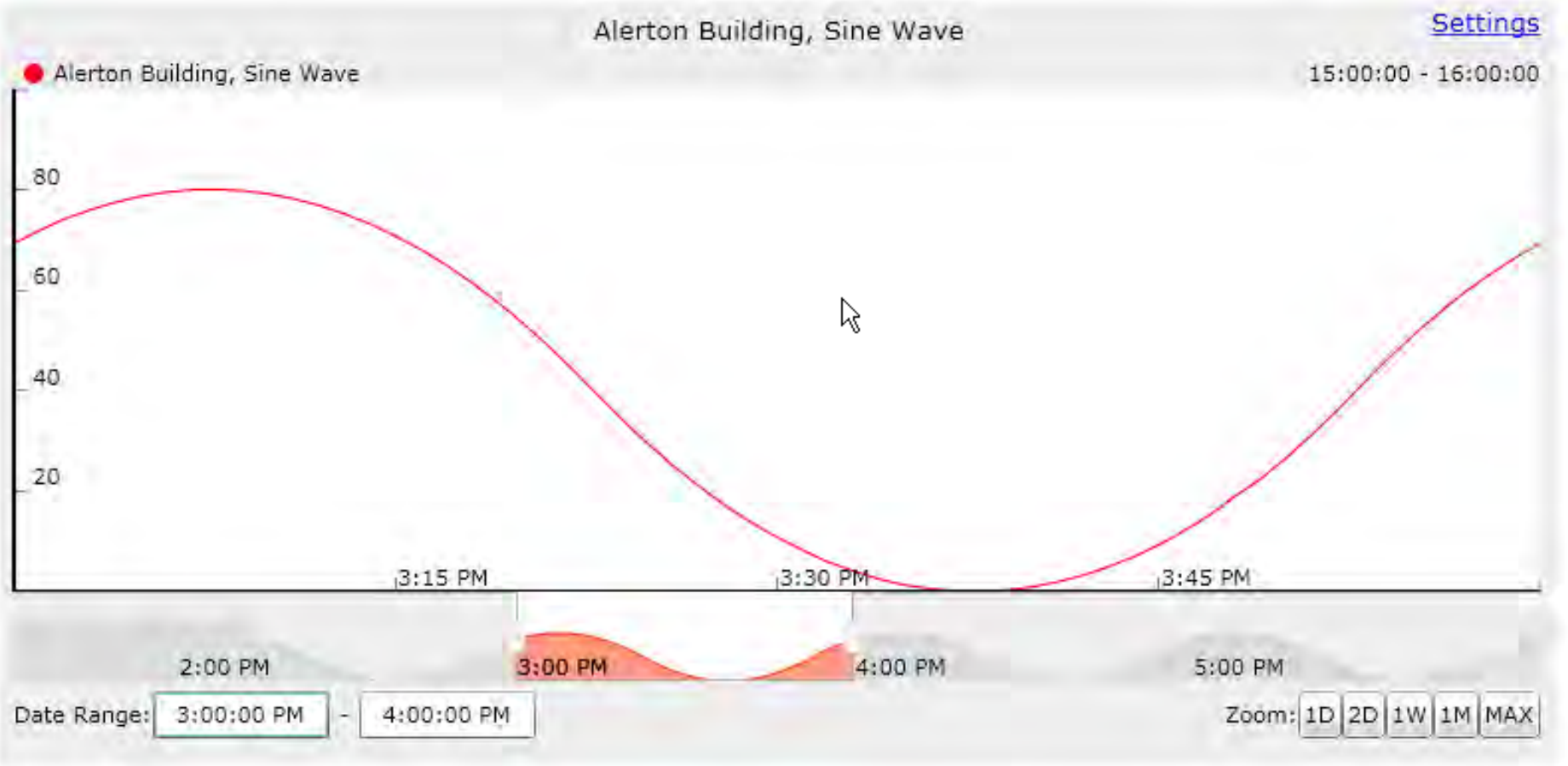
# Compare DDC


Microsoft Visio
File
Home
Insert
Design
Data
Process
Review
View
VisualLogic®
New Drawing
Read from Device
Read from File
Send to Device
Send DDC File to Device
Save as DDC
DDC operations
Open Drawing
Save as Drawing
Save as Advanced VLC DDC
VisualLogic Toolkit
Comments
Propagate
Tools
Device Settings
Wrap Descriptor
Insert Junction
Edit
Live Data
View
Options
4Z0007.vsd
Shapes
VisLogic
IN
JUNCTION
OUT
EOS
EON
CONTEXT
SUBCALL
6AND
AND
6OR
OR
ONESHOT
XOR
ABOT
COS
Cross-reference
Statistics
Errors
Repeat
Search
Compare
Resequence
Options
Program Info
Compare drawing with:
4Z0006.vsd
Browse...
Compare
4Z0007.vsd
4Z0006.vsd
Sequence:1050 (6-AND) Equal Sequence:1050 (6-AND)
Sequence:1060 (SELECT) Equal Sequence:1060 (SELECT)
Sequence:1070 (COMP) Equal Sequence:1070 (COMP)
Sequence:1080 (6-OR) Equal Sequence:1080 (6-OR)
Sequence:1090 (DOB) Equal Sequence:1090 (DOB)
Sequence:1100 (ANTI) Equal Sequence:1100 (ANTI)
Sequence:1110 (XFER) Different Sequence:1110 (ACCUM)
Sequence:1120 (ACCUM) Different Sequence:1120 (COMP)
Sequence:1130 (COMP) Different Sequence:1130 (ACCUM)
Sequence:1140 (ACCUM)
Sequence:1150 (SWITCH)
Sequence:1160 (WITHIN)
Sequence:1200 (SWITCH)
Sequence:1210 (WITHIN)
Sequence:1300 (COMP) Equal Sequence:1300 (COMP)
Sequence:1310 (AND) Equal Sequence:1310 (AND)
Sequence:1320 (SWITCH) Equal Sequence:1320 (SWITCH)
Sequence:1330 (PI) Equal Sequence:1330 (PI)
Generate Report
We are raising the DDC Bar

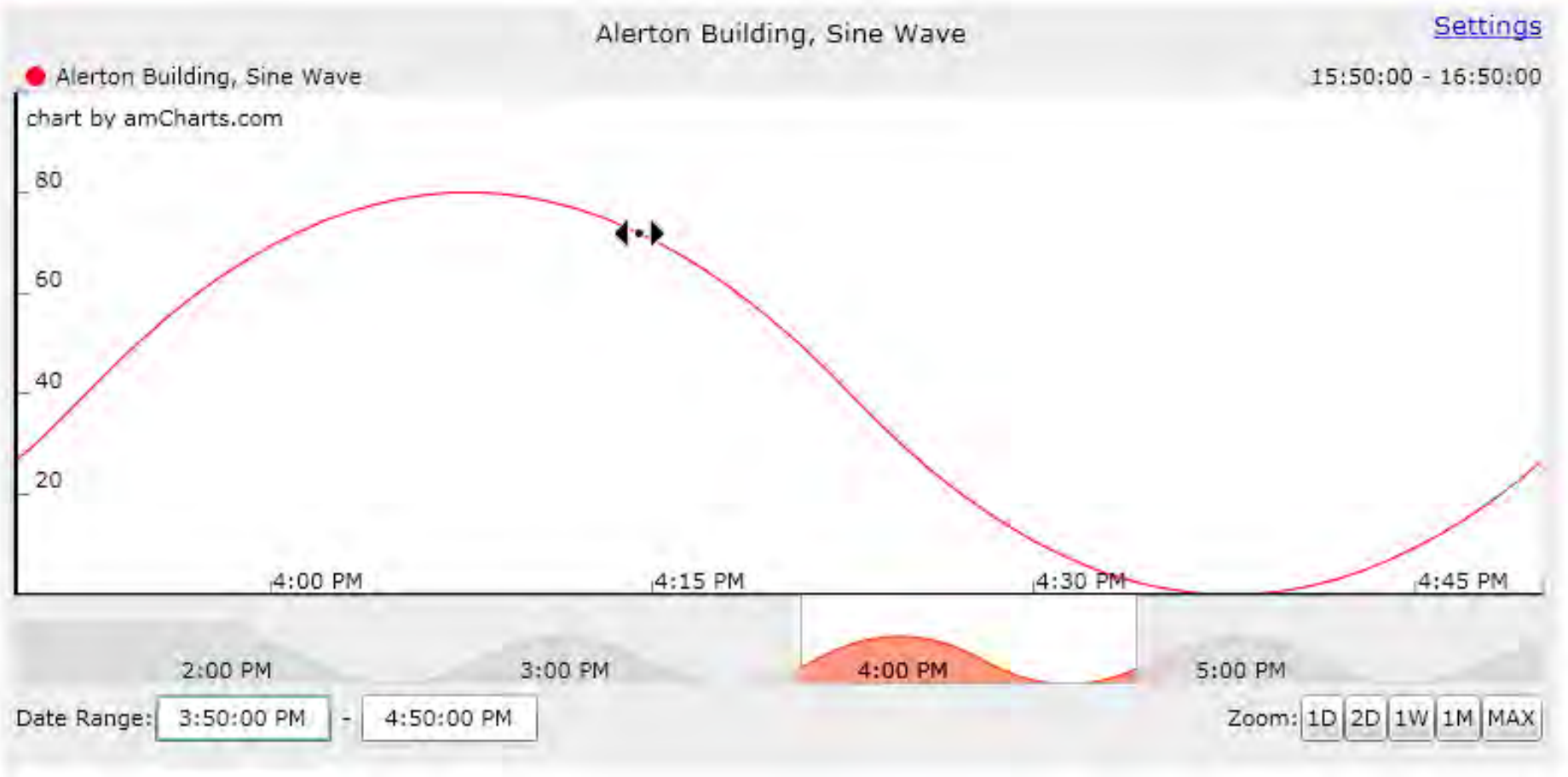
# New Trendlog Setup Report

- New Commissioning Reports.
  - Zone Setup Report
  - Trendlog Report
  - Schedule Setup Report
  - Trendlog Handlers Report
  - Alarm Points Report
  - Alarm Handlers Report
  - Device List Report
  - Tenant Report
  - Demand Limiter Report
- User selectable options include text description, host, device instance, tenant name.
- Ability to sort, print, and export in multiple formats.

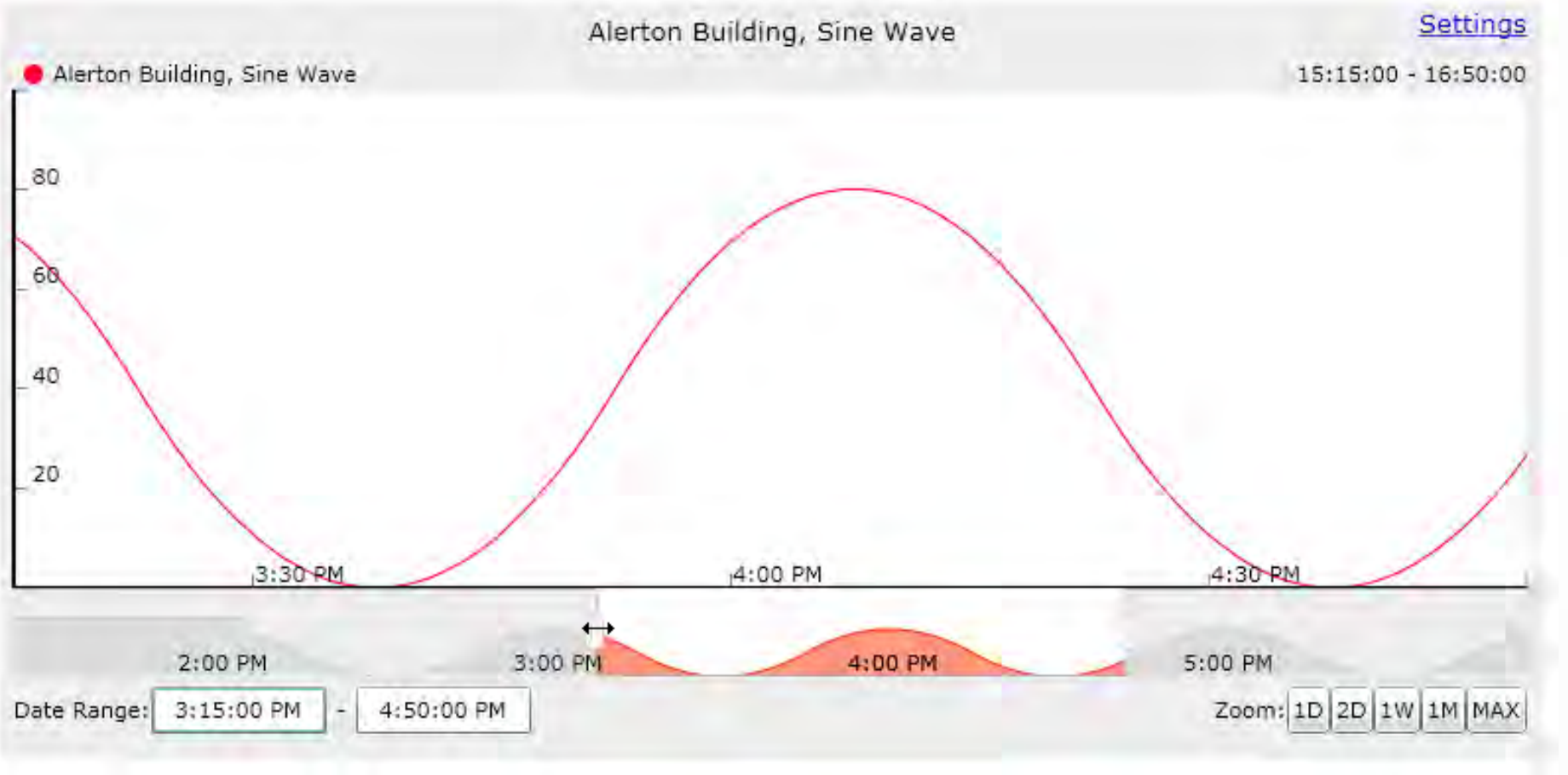
# Viewing one hour's worth of data



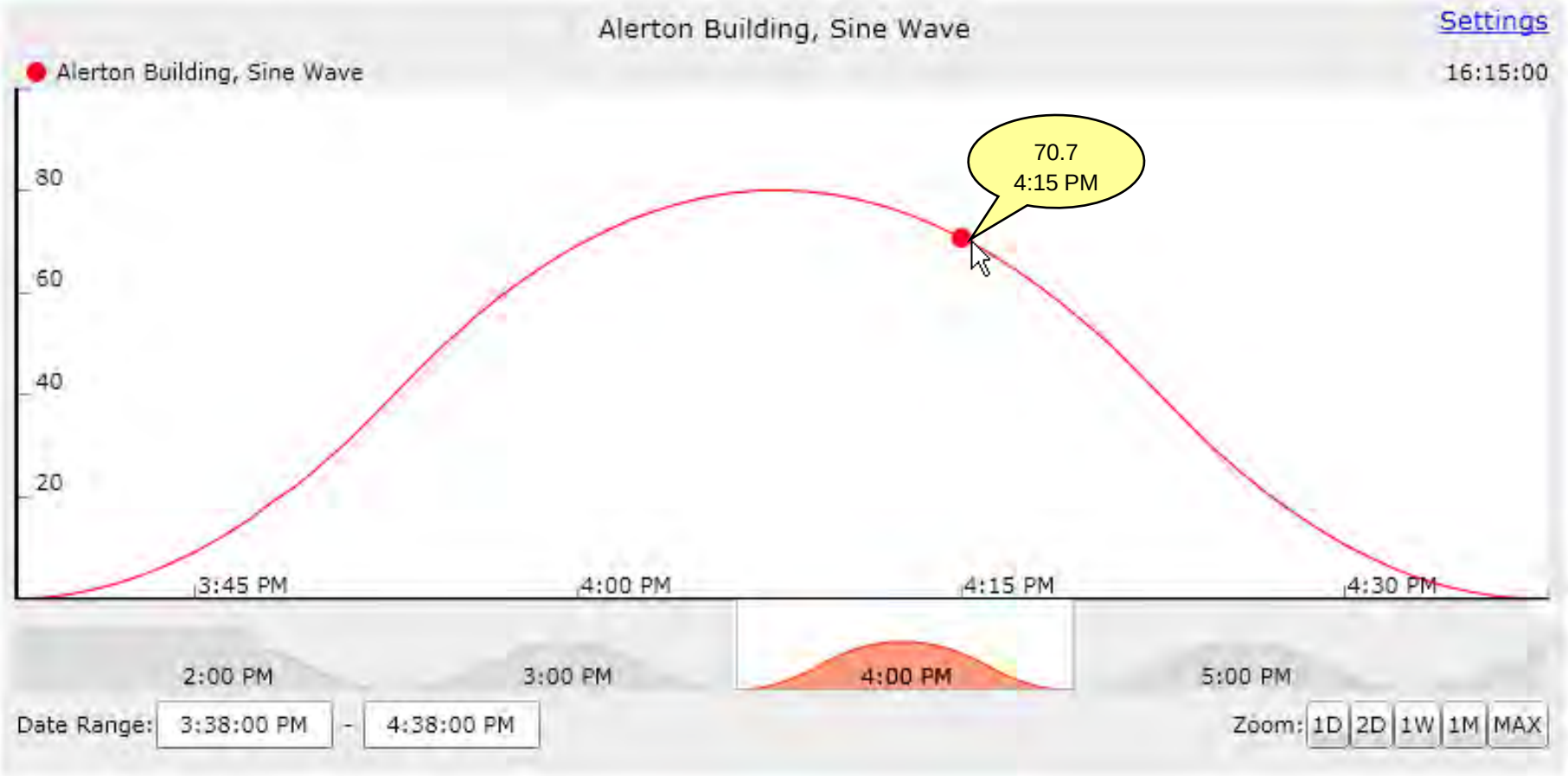
# Panning the viewable range



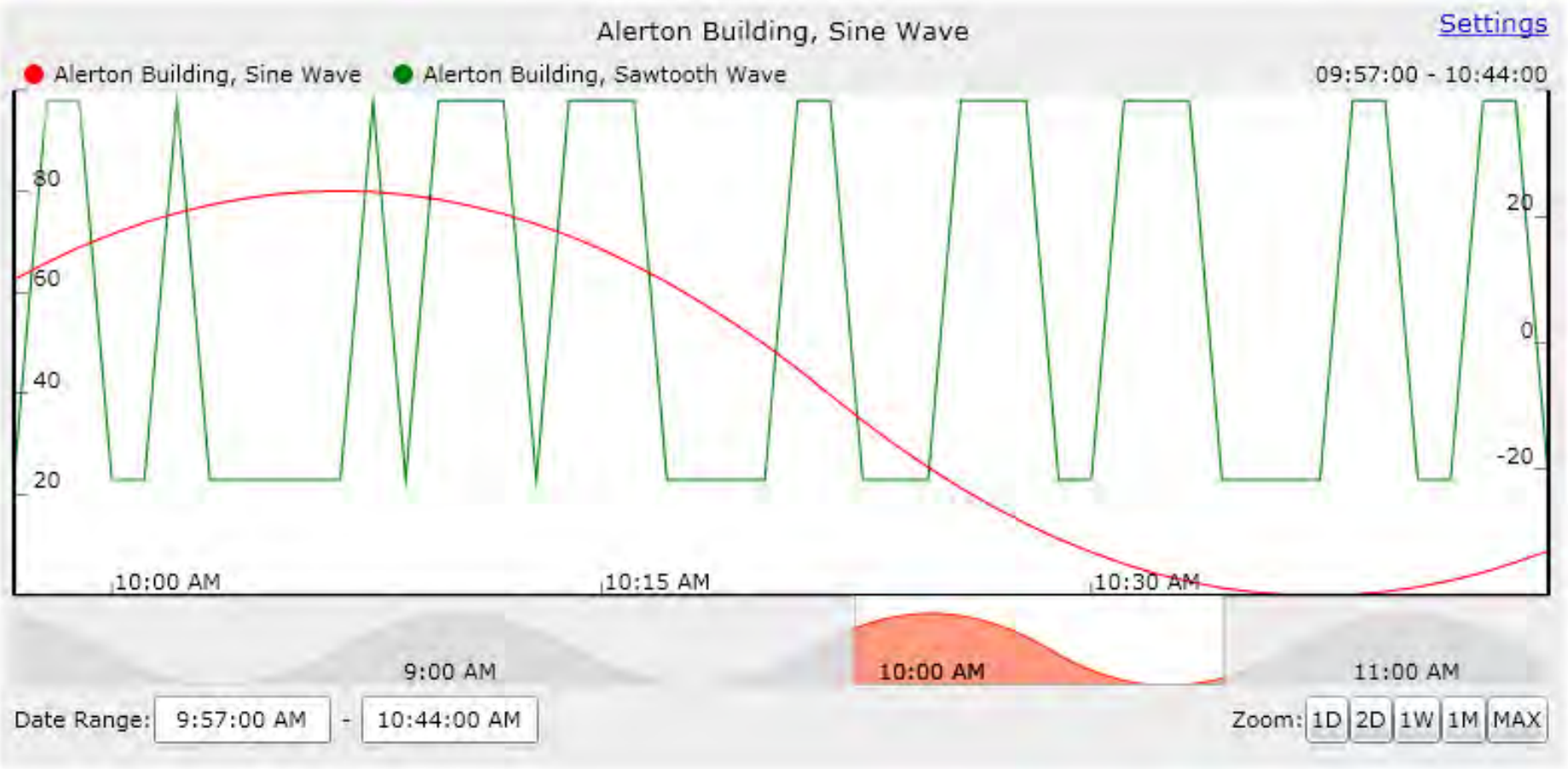
# Zooming out


Alerton Building, Sine Wave
Settings
Alerton Building, Sine Wave
15:15:00 - 16:50:00
80
60
40
20
3:30 PM
4:00 PM
4:30 PM
2:00 PM
3:00 PM
4:00 PM
5:00 PM
Date Range:
3:15:00 PM
-
4:50:00 PM
Zoom:
1D
2D
1W
1M
MAX

# Mouse over


Alerton Building, Sine Wave
Settings
Alerton Building, Sine Wave
16:15:00
70.7
4:15 PM
80
60
40
20
3:45 PM
4:00 PM
4:15 PM
4:30 PM
2:00 PM
3:00 PM
4:00 PM
5:00 PM
Date Range:
3:38:00 PM
-
4:38:00 PM
Zoom:
1D
2D
1W
1M
MAX

# Companion log with Secondary Y-Axis

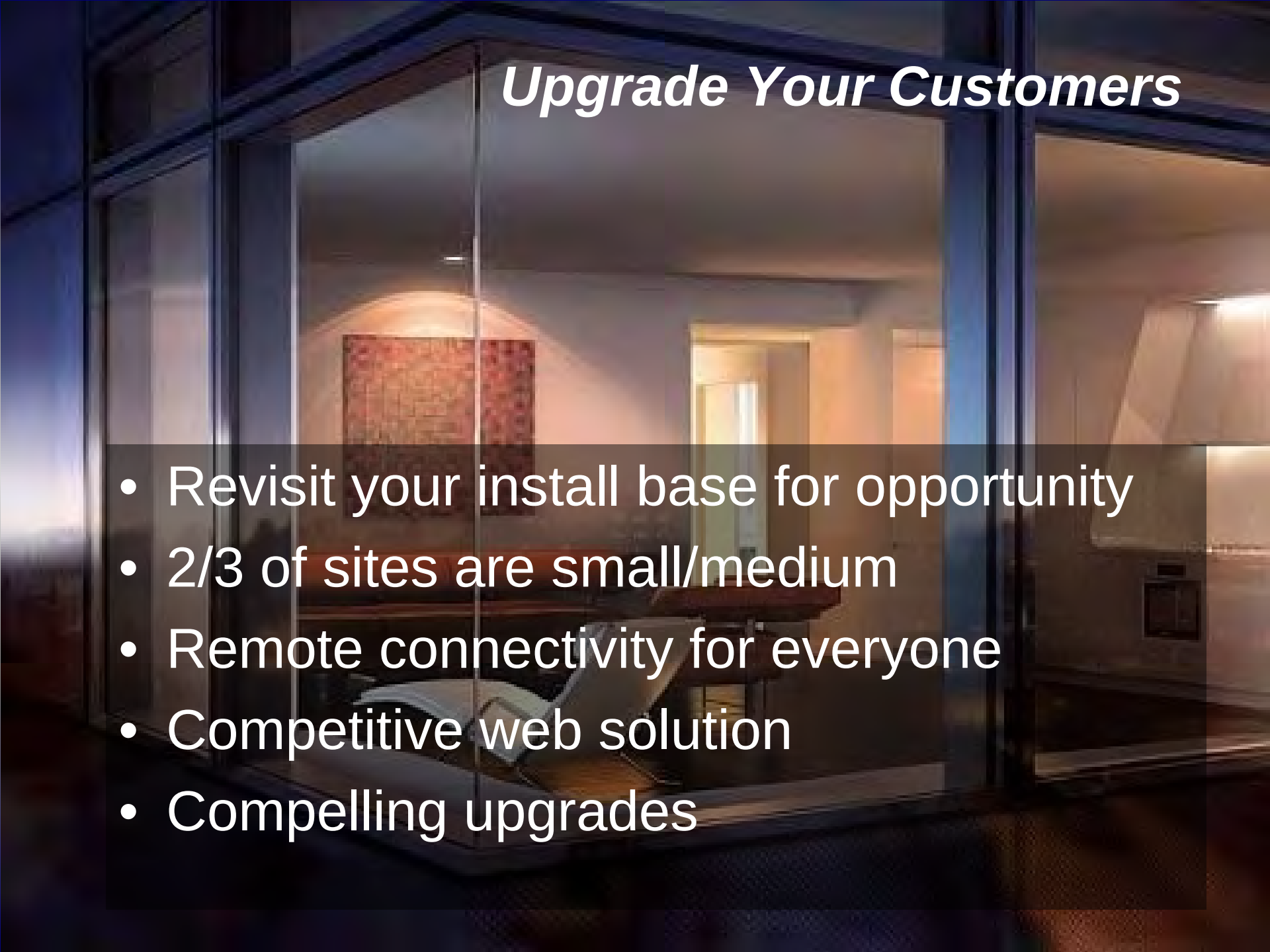


AUG
CALIFORNIA
CA 86
P 0105452
OUTATIME
bttfstuff.com
The Golden State

# Licensing

# New Licensing

- ABS 3 will feature a keyless ignition
- No more USB keys!
- We will still offer upgrades and rebates from prior versions



# *Upgrade Your Customers*

- Revisit your install base for opportunity
- 2/3 of sites are small/medium
- Remote connectivity for everyone
- Competitive web solution
- Compelling upgrades

BACK TO THE FUTURE
Dashboard
ALERTON®

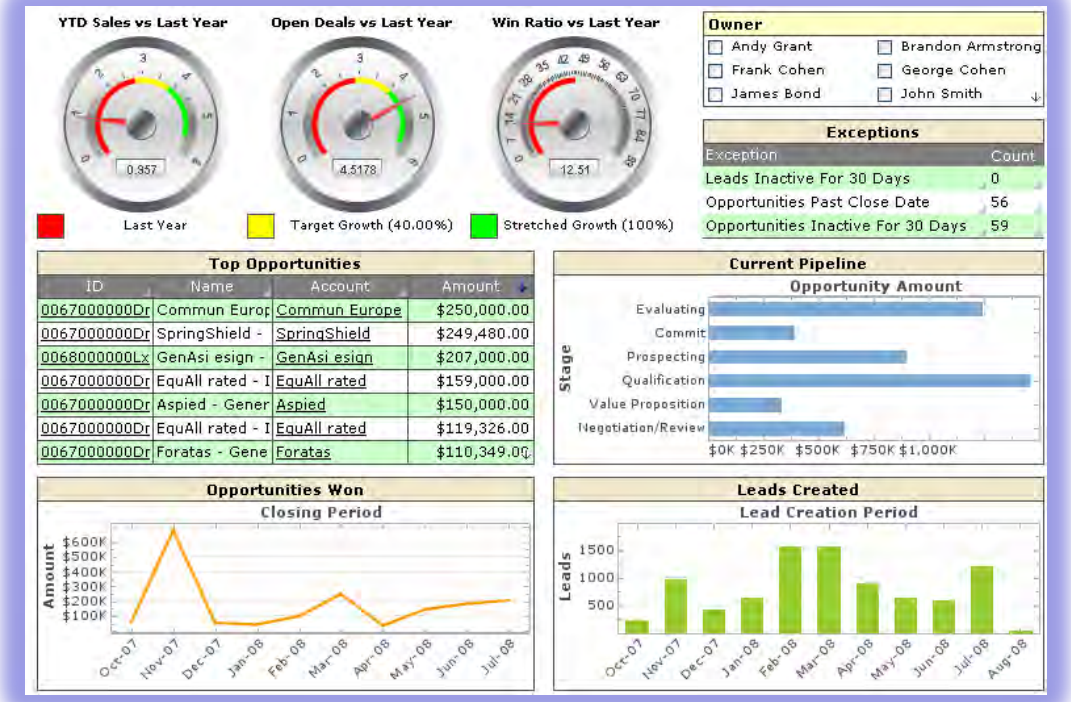
# What is a dashboard?

# Prius Effect

The Prius display has triggered on-the-spot learning that has the potential to change energy-consumption habits

# Software Dashboards

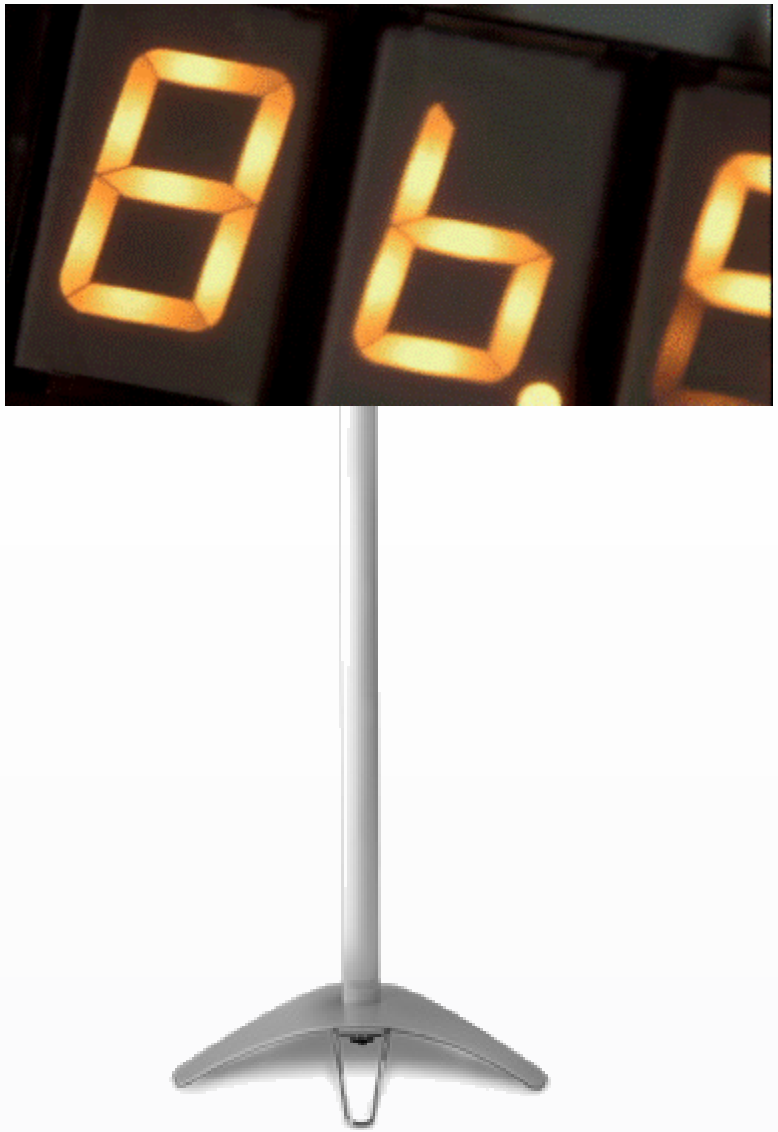
- *A dashboard is a visual display of the most important information needed to achieve one or more objectives, consolidated and arranged on a single screen so the information can be monitored at a glance.*



# Building Dashboard Types

- Green Education Dashboard
- Building Performance Dashboard
- Energy Manager's Tool Suite

# Dashboard Configurations



## Informational Billboard

- Rotating displays

## Interactive Kiosk

- Touchscreen

## Interactive Displays

- Local Station
- WEB based

# Alerton Dashboard

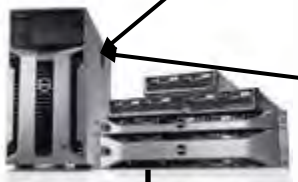
- Alerton Custom Dashboard Solution
  - Service provided by Alerton Engineering Services (AES)
- Options for:
  - Green Education Displays
  - Navigation/Energy Displays
  - Gauge, Graph & display options
  - Weather Web Integration
  - Gas, Water, Elec. Meters
  - Sub-metering
  - Tenant Sub-metering Reports
  - Weather Normalization
  - Custom report export to Excel or CSV
  - Selectable unit equivalent displays
  - Configuration screen for graphics and messaging

# Dashboard Architecture

*Intranet Web server*
*• Windows 2003 server or 2008 server*
*•IIS 6 or 7*
*•.NET 4*

*ABS Enterprise 2.6*
*with SQL Enterprise Server*

***Dashboard SQL Database***



***Dashboard Website Application***

Alerton Building Management System

ALERTON

| Differentiating Feature | Benefit to the customer |
| --- | --- |
| SaaS Free | • Customer owns the data, no subscription fee |
| Dashboard designed for main meters as well as submeters | • Big Picture through main meters<br>• Granular awareness through – submeters (Ex: Lighting,Equipment load, Plug load etc. |
| Resource trends alongside Outside Temperature, RH and Enthalpy | • Energy trend graphs alone don't mean anything.<br>• Combined picture of energy trends and OA temp/RH more importantly OA enthalpy gives a better picture |
| Normalized weather consumption profile | True measure of energy efficiency measures implemented |
| Collection of equivalents | • Wide collection of easily modifiable equivalents - are a powerful way of creating awareness |
| Submeter based reports | • Energy allocation based on submeters<br>• This is an emerging trend! |

# Dashboard Value Proposition

- Selling Dashboards
  - Targets opportunity segments in your existing customer base: LEED, Energy, Education
  - Identify/confirm customer need and goals
  - Develop performance metrics
  - Develop project scope
  - Complete Dashboard Quote Request
  - Contact RSM for proposal
  - Conduct customer demonstration
  - Build FUTURE business

# Dashboard Quote Request

Use Dashboard Quote Request form to define your customer's requirements

| Alerton Dashboard Requirements - Complete and forward to Alerton Regional Sales Manager | | | |
|---|---|---|---|
| Alerton Dealer Name: | | Date: | |
| Project Name: | | | |
| Number of Buildings: | | | |
| Type of Dashboard (Web, Kiosk, Billboard): | | | |
| Anticipated Number of Concurrent Users: | | | |
| Project Description: | | | |
| **Category** | **Description** | **Qty** | **Comment** |
| Public Education | Welcome page | 1 | Included |
| | Details Page | 2 | Included |
| | Green Facts | 2 | Included |
| | Floor Plans | 3 | Included |
| | Additional Static pages | | Optional |
| Main Meters | Electrical Energy | 1 | Included |
| | Water | 1 | Included |
| | Gas | 1 | Included |
| | Total Energy | 1 | Included |
| Additional Main Meter | Electrical Energy | | Optional |
| | Water | | Optional |
| | Gas | | Optional |
| Resource Trend Details | Electrical Energy | 1 | Included |
| | Water | 1 | Included |
| | Gas | 1 | Included |
| | Total Energy | 1 | Included |
| Sub meters | Energy | 3 | Included |
| | Water | 3 | Included |
| | Gas | 3 | Included |
| Additional Sub Meter | Energy | | Optional |
| | Water | | Optional |
| | Gas | | Optional |
| Additional Consumables | Wind power | | Optional |
| | Geothermal | | Optional |
| | Solar | | Optional |
| | Others | | Optional |
| Special Features | | | |
| Weather Website Link | National Weather.com | 1 | Included |
| Weather Normalization | Main Meters | 3 | Included |
| Weather Normalization | Number of Meters | | Optional |
| Other Normalization (per person etc) | Meters to Be Normalized | | Optional |
| Comparison with Budget | | | Optional |
| Tenant billing based on Submeters | 5 Tenants | | Optional |
| | Additional Meters for billing | | Optional |
| | Additional Tenants | | Optional |
| Reports | Excel export of all the points in the dashboard | | Included |
| | CSV File export | | Included |
| | Weather Normalization reports | | Optional |
| | Custom Report Template | | Optional |
| Unit Equivalents Choices | Electricity | 5 | Included |
| | Water | 5 | Included |
| | Gas | 5 | Included |
| | Additional Equivalents | | Optional |

BACK TO THE FUTURE
Thank you
ALERTON®