

## Trending Reports

An Advanced Reporting Service

### SAMPLE: trend report setup screen

**Data Trending Request**  
Use this page to define the parameters for a Data Trending Request. Select an Asset and then one or more data points to include on the Chart. Alternatively, select one or more Asset and then a single data point to display. Assets and points are chosen by choosing an Asset from the Drop-Down list, then choosing a corresponding Point, then pressing the 'Add' button. Use the button next to the Start and End Date to select a date. You may either have the chart displayed to you, displayed to the screen, or both. Press the Generate Chart button when all parameters have been selected.

**Interval**

Start Date: [6/2/2003] Start Time: [0] hour [00] min  
End Date: [6/5/2003] End Time: [0] hour [00] min

**E-Mail List**  
(Separated by Semicolons)

Chart Type: [Line] Also Display Report To Screen?   
Smoothing: [Average]

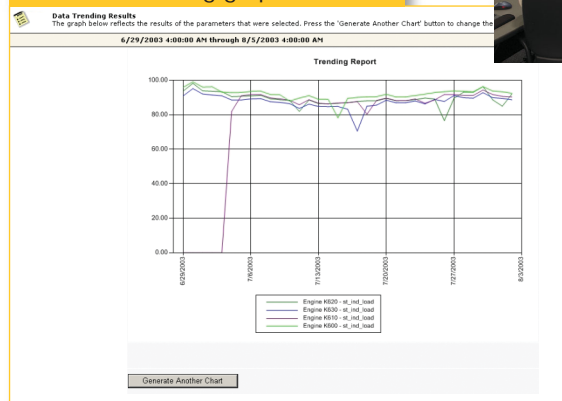
Time Zone: [+0000 ZZZ UTC(GMT)]

**Current Points selected for Chart**

Asset: [Alarm System] Point: [Add]  
[Asset] [Point] [Generate Chart]



### SAMPLE: trending graph screen



The Trending Report option gives you a graphical report on multiple variables over a specified time range. This trending graph allows you to compare several parameters on the same engine, or compare several engines at several sites. This is extremely valuable for preventative maintenance programs, troubleshooting and failure analysis.

The PointGuard WebCenter can be configured to automatically email a graphical report using predefined settings, or PointGuard will configure a report using custom settings at any time.

Settings that can be configured include:

- Assets to chart
- Variables on each asset to chart
- Data range (date and time)
- Email list for report distribution
- Display the chart on screen
- Type of chart (line, bar, point, etc.)
- Time zone for formatting the data

The Trending Report is a powerful way to turn raw data into a tool that helps you make smart decisions and solve problems related to engine maintenance and performance!