**Case Study:   Honeywell Trendview Paperless Recorders**

**Application:  Process Data on the Desktop**
                        **Aluminum Powder and Pigment Manufacturer**

*Getting process data onto desktop PCs makes Trendview the right*
*choice for this customer's process data needs.*

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| *Problem* | Location, location, location! One problem with analyzing recorded process from process recorders is the location of those chart recorders – they're at the process area. And, while that's fine for the operators, who need to interact with the recorded data, it's problematic at best for people who need to generate reports or analyze data for process improvement. |
| | Everyone else who wants the information has to go to the recorder and look at the chart, or go to the storage archives, find the particular chart(s) of interest, and take the time to process the data manually. |
| *Current Business Result* | Several paper stripchart recorders in the process area had been in service for years, and were due for replacement. The operators insisted on having local access to recorded data for making their day-to-day operational decisions. Several other departments needed easier access to chart data for engineering improvements and generating reports. |
| *Solution* | The customer has been using Honeywell Trendview recorders for the last two years as a way to record and report emissions data to the EPA. In that application, three Trendview recorders sent their data to a single PC over the plant's network. Engineers were able to produce daily and monthly performance charts with ease. |
| | Given his prior success with Trendviews, the engineer who installed the EPA compliance system suggested expanding the paperless recorder use to include process data. |
| | The operators liked the idea of not having to deal with the paper chart problems – running out of chart paper, pens running dry, having the wrong chart on the recorder, and all the storage issues. And, remote users – quality assurance, production, scheduling and engineering departments – would all have access to either real-time data or historical data by running the TrendServer software on their desktop PCs. |
| | TrendServer uses the plant's existing Ethernet network to serve data to clients. Anyone can get a snapshot of the process values from any recorder on the plant's local area network, just by using a web browser. |
| | Each user has a graphic template that displays only the data most appropriate and meaningful to them, so they get the information they need at a glance. And, those who need to can export data to Excel for statistical analysis. |
| *Customer Comment* | **Since the Trendviews worked so well over our Ethernet network on our EPA application, they were easily the right choice for process data.** |