



## InSinkErator® Racine, Wisconsin

*The InSinkErator Evolution Excel® features cutting edge grind and sound technology*



*The InSinkErator business score card concept*

### About InSinkErator

InSinkErator, a division of Emerson Electric Co., is the world's largest manufacturer of food waste disposers and instant hot water dispensers. The InSinkErator Evolution Series® disposers showcase new technologies including improved grinding ability and up to 60% noise reduction. Technological advancements also abound on the InSinkErator plant floor in Racine, Wisconsin, where ICONICS solutions have been implemented to improve productivity.

### ICONICS Software Deployed

InSinkErator selected ICONICS GENESIS32™ OPC Web-enabled HMI/SCADA suite including GraphWorX™32, TrendWorX™, AlarmWorX™32 and DataWorX™32. For manufacturing intelligence and business visualization, InSinkErator chose the BizViz Suite, including PortalWorX™, ReportWorX™, BridgeWorX™.

### Project Summary

As part of their continuous improvement efforts, InSinkErator was looking for a way to increase their productivity and efficiency. InSinkErator decided to improve efficiency within their existing buildings. InSinkErator identified the need to provide management with visualization of manufacturing problem areas. By closely monitoring and analyzing overall equipment effectiveness (OEE) and Key Performance Indicators (KPI), InSinkErator could implement improvements to its production processes. InSinkErator, with the help of ICONICS, formulated a digital dashboard to achieve operational excellence within their production facilities.

From supervisors on the plant floor to the VP of Operations, the InSinkErator ICONICS powered Web-enabled dashboard caters to a diverse range of technical backgrounds. In an accessible portal, users find interactive features such as a stock-ticker, weather reports and real-estate news. Easy-to-use buttons provide access to help documents including a manager's guide to OEE, glossary of terms and pager user guide.

## Benefits of the System

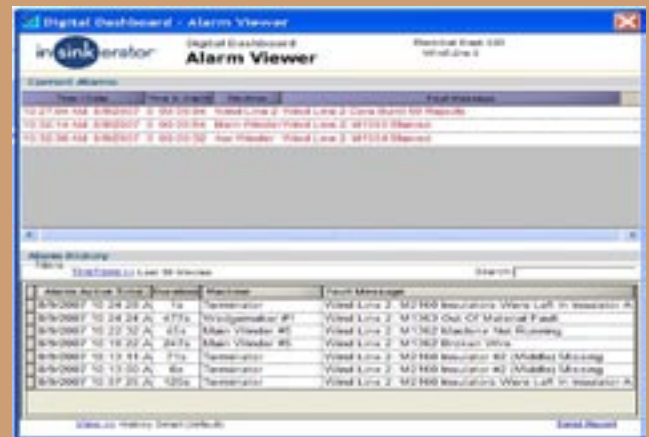
The ICONICS GENESIS32 Software System helps InSinkErator to efficiently gather and visualize production data. Users can drill down to machine views and gather details on OEE, including availability, performance and quality metrics. The InSinkErator alarm viewer features easy access to current and historical alarms, worst performer views and adjustable time frames. With email and pager alerts for critical alarms, InSinkErator can react in real-time to reduce downtime. Users are able to use reports flexibly, as they tweak and filter data to their specifications in the familiar format of Microsoft Excel.

Measuring and analyzing manufacturing methods with ICONICS solutions, InSinkErator can implement improvements to increase productivity. With plans to add 71 machines to the ICONICS system in the future, InSinkErator will experience an even wider view of their operations, and remain on the cutting edge of the food waste disposer market.

Visit InSinkErator at [www.insinkerator.com](http://www.insinkerator.com).



*The InSinkErator Interactive Portal, complete with Real Estate News and Weather, easy-to-use buttons*



*The InSinkErator Alarm Viewer*

## Conclusion

Using a Six Sigma DMAIC process, InSinkErator defined its problem of capacity strain and identified its need for improving productivity. Using an ICONICS digital dashboard, InSinkErator was able to measure productivity and reveal process problems. Data was then analyzed by teams, who identified exactly what changes needed to be made. Finally, InSinkErator looked back to their ICONICS digital dashboard to verify that the improvements had been realized.

## Key Features

Some statistics and details on the InSinkErator ICONICS' solution:

- A Matrikon OPC server provides connectivity
- 20 graphical displays
- 91 pieces of manufacturing equipment.
- InSinkErator uses a unique business score card concept for assessing machine performance.
- Red, yellow and green colors indicate the status of machine performance, offering users a quick visual method of analysis.