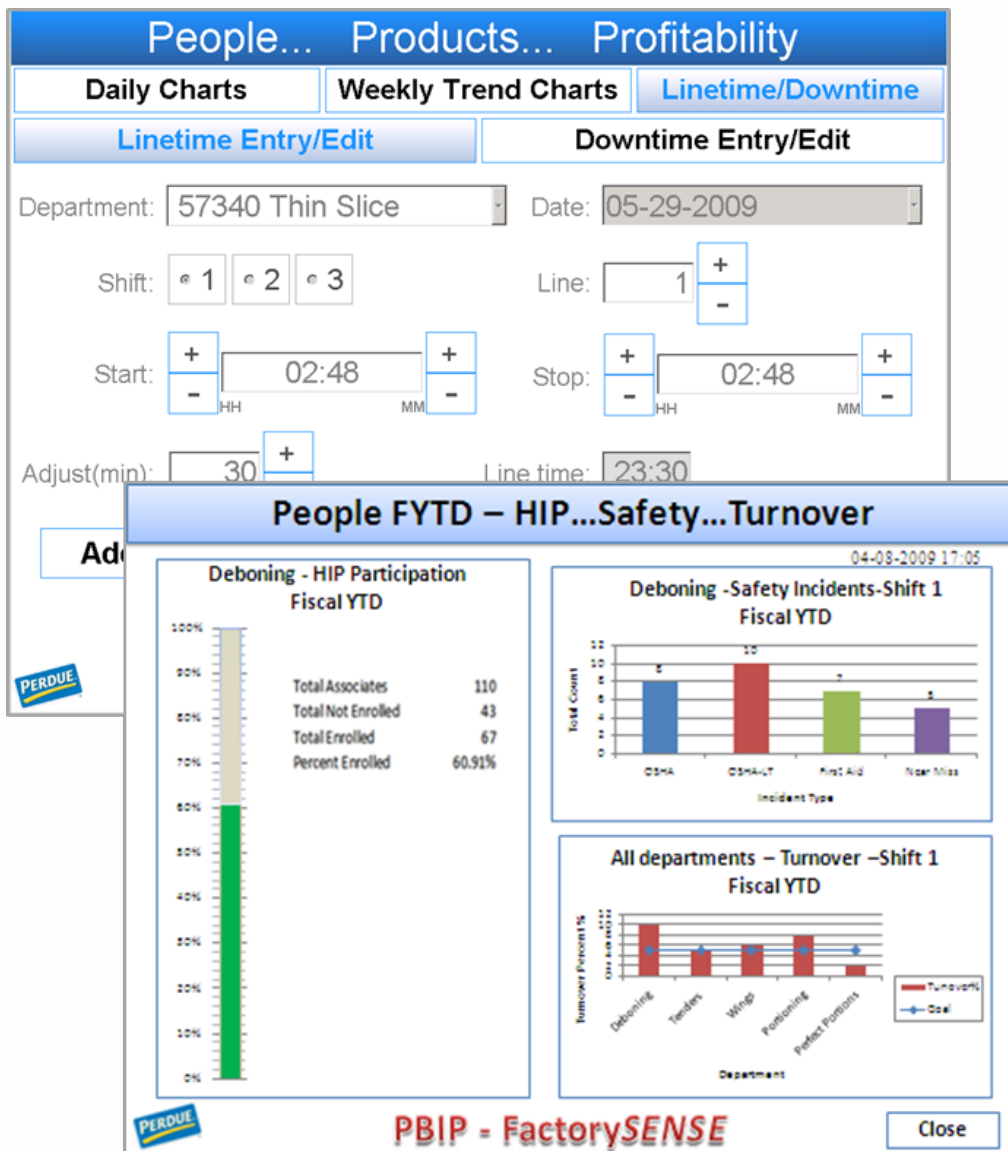# CUSTOMIZED ANALYTICS FOR BUSINESS PROCESS IMPROVEMENT

Datasheet

Project objective

To develop a desktop application to automatically collect, store, and analyze data from the production line, perform data trending, and display reports in the form of various charts. The reports was intended to be used by a client to improve business processes for poultry deboning and portioning departments.

Result

The delivered app allows the client to monitor productivity and efficiency indexes on a daily and weekly basis through generated reports. This allows the company to optimize labor costs, and improve product quality.

Scope of work

- Provide authentication of users that have access rights to use the application by login and password
- Set up an automated data collection from files and SQL databases
- Ensure the generation of reports in the form of various charts and their printing
- Add search capabilities for selected data records for their further modification
- Design GUI for the touch screen

Activities

- Requirements definition
- System architecture and design
- Application development
- Custom User Interface development
- Functional Testing
- User Guide creation

About the project

Technologies

- C#
- .Net 2.0
- MS Reporting Service
- MS SQL Server
- SVN
- Seapine TestTrack

Platforms

- Windows

Project size

- 1 Technical Coordinator
- 1 Project Manager
- 1 Business Analyst
- 2 Software Engineer
- 1 QA Engineer
- 1 Technical Writer
- 1 Technical Assistant

Duration

8

8 months
January 2009 – August 2009