

Business Improvement Process

Business Improvement Process is an application designed to collect and store data on business processes, perform data trending, and present results in the form of various reports.

The application is intended for employee use, each authorized user is granted access to the application and all its features. The application allows monitoring productivity and efficiency indexes for such business processes as staff turnover, safety incidents, yield, and faulty production on daily and weekly basis.

The application was implemented for a leading food and agricultural company recognized globally at retail market stores.

Application Capabilities

- Authentication of users that have access rights to use the application
- Generation of a variety of reports in the form of charts
- Printing the created reports
- Search capabilities for selected data records for further editing
- Input, modification, or deletion of data records

Technologies

- C#
- .NET 2.0
- MS Reporting Service
- MS SQL Server 2005
- Seapine TestTrack
- Subversion

Scope

- Requirements definition
- System architecture and design
- Application development
- Functional testing
- User Guide creation
- 28 man-weeks

Project Management

- Weekly updated project plan and budget
- Weekly status call
- Weekly status report
- Web access to Bug Tracking System

Project Features

The project included the following specific features:

- Desktop Application
- Custom User Interface
- GUI designed for a touch screen
- Data entry
- Automated data collection from files and SQL databases
- Report generation

