



Press Release

Schaffhausen, 30 August 2006

PRIAMUS Shop Floor Control – The Professional Process Information System

Commercial production monitoring systems are usually designed to collect, analyze and manage machine data. In injection molding, true process variations can be overlooked in spite of extensive machine data or an expensive infrastructure. For example, if plastic mold or melt temperatures are changing, this causes significant variations in the manufactured part quality. Monitoring only machine data does not indicate these process variations and provides an incomplete representation about the state of production.

PRIAMUS Shop Floor Control acquires, analyzes and manages process data based on cavity pressure and cavity temperature signals on a central server. This ensures that the effective quality of the molded parts are being recorded. PRIAMUS Shop Floor Control creates an overview of all eDAQ™ data acquisition systems which are connected via network, as well as of their status. Optionally, machine data and status of all injection molding machines can be acquired and displayed as an overview.

PRIAMUS Shop Floor Control manages the master mold and machine data. Manufacturing jobs are readily planned and created. The system provides comprehensive reporting functions and acquired data are graphically displayed as control charts and histograms. In addition, errors in production can be entered and analyzed.

All data are saved on a server PC and managed in a central data base. PRIAMUS Shop Floor Control is designed as a stand-alone webserver. Every user can therefore access this data base from his work station, via laptop or handheld device with or without wireless LAN. A standard webbrowser (Firefox, Opera, Microsoft Internet Explorer) as well as a connection via the fix IP-address of the server is required. All inputs and evaluations are done within the browser user interface.

PRIAMUS Shop Floor Control combines comprehensive process monitoring and control options on each injection molding machine with the advantages of a central production monitoring system. The system processes and analyzes up to 128 analog measuring channels per molding machine without using any local PC on the machine.

PRIAMUS SYSTEM TECHNOLOGIES AG
Bahnhofstrasse 36
CH-8201 Schaffhausen / Switzerland
www.priamus.com

Heidi Hug, +41 52 632 2605