

Plant iT and brewmaxx V8.20 released

Fritz Egger GmbH & Co. KG private brewery

White Paper 21 CFR Part 11 available for Plant iT V8

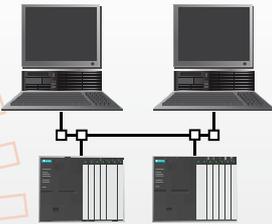
Warsteiner brewed by ProLeiT

## Plant iT and brewmaxx V8.20 released

[www.proleit.com](http://www.proleit.com)



*Plant iT/brewmaxx compact is the perfect entry-level solution for process technology on the basis of Siemens S7 300 PLCs and project scopes of 100 to 750 automation objects. The number of available classes is limited to essential control functions, with share-dependent license fee discounts.*



*Plant iT/brewmaxx express supports the full functionality of Liqu iT with Siemens S7 400 PLCs and a scope of 250 to 2,500 automation objects.*

Following the successful completion of the first pilot applications, Plant iT and *brewmaxx*, Version V8.20, were released for sale in November 2010. Numerous new features are now available on the basis of the current Microsoft standard software, Windows Server 2008 R2 and Windows 7 Professional.

Under Windows 7 Professional combined with the MS SQL Express Edition database, small- to medium-size systems can be operated without a dedicated server. This sophisticated concept therefore provides ideal conditions for entry into compact process control technology for the automation of production plants and ancillary plants, and – as an Express Edition – also for medium-size plants.

Since this entry-level solution can be operated as a serverless system with up to two workstations, it offers an excellent price/performance ratio. No separate Ethernet connection is required because – for the

SIMATIC controllers – communication with the control center takes place via the integrated PN interface.

For more detailed information, refer to the myProLeiT download area.

The Report Designer is a special highlight in terms of functional extensions. This tool enables project engineers, and also plant operators, to define parameters for the particularly simple and precise customization of reports to their specific needs. To set up a report, the Report Designer visualizes all the product, process and order information available in the database – such as order and batch numbers along with each individual process sequence step including the sequencer, sequence parameters and also materials management data concerning incoming and outgoing materials (if required). Today, this tool is already proving its worth at various breweries.

	PLC type	System component	Project scope
Plant iT compact	S7 317-2DP	Direct iT	100 Objects
	S7 317-2 PN/DP (1024 kB)	Liqu iT	100 Objects
	S7 319-3 PN/DP (1433 kB)	Liqu iT	250 Objects
	S7 319-3 PN/DP (2048 kB)	Liqu iT	750 Objects
Plant iT express	S7 414/S7 416	Liqu iT	750 Objects
	2 x S7 414/S7 416	Liqu iT	2500 Objects

## Fritz Egger GmbH & Co. KG private brewery

[www.proleit.com/Egger](http://www.proleit.com/Egger)



For the modernization and capacity extension of its plant, the Egger brewery chose an automation solution whose process control system

is based on the current *brewmaxx* V8.20 version. The integrated materials management system ensures precise raw material stock control and consistent batch traceability throughout the entire brewing process.

For reporting, the Egger brewery relies on the newly developed *brewmaxx* Report

Designer for the user-friendly and flexible parameterization of reports tailored to meet the brewery's specific requirements. The Report Designer enables selective access to the entire process and materials data. The implementation of a reporting system customized to Egger's needs in terms of process and quality analyses up to complete output and loss monitoring is currently in full swing.

In the final extension stage, the new can filling line, which is currently undergoing commissioning, will also be integrated.

## White Paper 21 CFR Part 11 available for Plant iT V8

[www.proleit.com](http://www.proleit.com)

electronic records and signatures must be equivalent to traditional hard copy outputs.

The 21 CFR Part 11 regulation of the U.S. Food and Drug Administration (FDA) came into force on August 20, 1997. This regulation defines the requirements set out by the FDA with regard to the use of electronic records and signatures instead of paper. To this end,

electronic records and signatures must be equivalent to traditional hard copy outputs.

In addition, it is also possible to use a combination of electronic and hard copy records.

White Paper 21 CFR Part 11 was updated for Plant iT V8 and is available in our myProLeiT download area.

This document describes how the requirements of 21 CFR Part 11 can be complied with thanks to the Plant iT system and organizational measures in order to ensure that the system user can rely on compliant system operation.

## Warsteiner brewed by ProLeiT

[www.proleit.com/Warsteiner](http://www.proleit.com/Warsteiner)



In 2008, the Warsteiner brewery awarded ProLeiT a contract for the migration and replacement of

the existing control platform by *brewmaxx* in its latest version.

The partners concluded a general

agreement on the refurbishment of the brewery's entire process control technology in clearly structured project stages with fixed deadlines over a period of three years. The brewhouse was converted in 2008, followed by the fermenting and storage cellar in 2009 and the filtration plant in the spring of 2010. The integration of all ancillary plants into the automation concept was successfully completed during the last refurbishment stage by the end of the year.

Once again, experience has shown the following: For such fundamental modernization to be successful, the operator's and supplier's specialists must cooperate as closely as possible. The automation specialists require a comprehensive understanding of brewing processes because this is the only way to successfully modernize brewing plants during production. ProLeiT has thus been able to complete an extremely demanding technical modernization project right on schedule over a period of three years. The Warsteiner brewery is now consistently automated with *brewmaxx* – from the process control system for production and ancillary plants up to energy data acquisition and also Production Data Acquisition (PDA) for the filling plants.

