

## **ADD-ON**

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### **EVENT MESSAGING**

#### *SYSTEM DESCRIPTION*

A modern MES (Manufacturing Execution System) meets diverse tasks in the area of process-near order processing. These systems are relevant for processing of very complex tasks. Permanent monitoring of these tasks is very time-consuming and hardly necessary in case of interference-free operation.

To meet this requirement, it is sensible to be informed about extraordinary events only. If processing of the orders has no interferences, monitoring is not necessary either.

There now is an add-on module for the CRYO.TAS system that meets precisely this task. If extraordinary events occur, you will be informed of this and may initiate counter-measures.

These events can be configured in the system. You may define limits as event thresholds and inform the system of which relevant person is to be informed by email when the event occurs. This function is

available to you for all object data available in the system, for all alarms and events.

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#### *DESCRIPTION OF OPERATION*

System objects in CRYO.TAS own data, alarms and events. These data, alarms and events can contain values or texts.

With the extension license you have now the opportunity defining logical operands, threshold values and additional information text. After you can assign these definitions to a person with a valid email address.

When one of these events occurs an email with the event information will be sent to this person automatically.

All object data of a factory installation can be monitored. So you can be informed, for example, when falling below or exceeding a limit analysis value of a particular analyzer.

# CRYO.TAS EVENT MESSAGING FRONT-END

CRYO.TAS®

Wolfgang Bauer  
[Logout](#)



PZ  
Sysadmin



**Cockpit**

- Administration
- Logistics
- Quality Control
- QP Control
- Operator Control
- Data Logging & Alarms
- Configuration
- Hardware
- Auxiliary Programs
  - HTTP access
  - Report server
  - Media library
  - Messaging system
    - Messages for object data
    - Messages for alarms & events
  - Data Import and Export

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#	Name	Data name	Operator	Value	Person	Modified	Editor
	AI 1701 (LIN) O2	Analysis value 1	<=	0,5	BauerPX, Wolfgang	19/12/2014	Dübell, Bernhard
	CGM-01	Calibration gas pressure alarm 3	=	True	BauerPX, Wolfgang	19/12/2014	Dübell, Bernhard
	LOX Tank 1 DIL	Current number of loading	=	57	BauerPX, Wolfgang	17/12/2014	Bauer, Wolfgang
	ReplicationWatchdog_DIL_Sender	Toggle Data	=	1	BauerPX, Wolfgang	18/12/2014	Dübell, Bernhard
	WT 01 DISOMAT	Weigh no.	>=	760	BauerPX, Wolfgang	19/12/2014	Dübell, Bernhard
	WT 01 DISOMAT	Weight residual quantity Mrt (calculated)	>=	999,999	BauerPX, Wolfgang	08/01/2015	Dübell, Bernhard

**New** **Delete**

## BENEFITS

- Notification only in case of malfunction
- Defective development foreseeable (e.g. cell drift of analyses devices)
- Notification for required service deployments (e.g. test gas change)
- Notification at IT malfunctions (e.g. replication failure)
- No permanent system monitoring necessary anymore
- Action only required upon notification
- Reception of notification possible at any location (Smartphone with email function)
- Targeted notification of specialists

## TECHNICAL DATA

### CONDITIONS

- Applicable from Version 6.2.8.4 CRYO.TAS and database version 6.x
- Can only be used in local plant installations
- Accessibility of an SMTP server from the local CRYO.TAS

### CRYO.TAS SYSTEM

- Can be used as add-on for each system scaling

### LICENSE

- Available as an add-on license to an existing CRYO.TAS license

## FURTHER ADD-ON MODULES

- ERP Interface  
Interfaces with other ERP or PPS systems
- Customer WEB Interface  
Enable your customers to place their orders right in the CRYO.TAS system and process them online
- Third-party administration  
Fleets and carriers administrate their vehicles and drivers independently.
- Media Library  
Save surveillance images or videos, or externally scanned documents, in a loading order.
- Mixed products / Blended Products  
Generate recipes and monitor loading, dosage and quality of mixed products .
- Event Messaging  
Define which persons are to be informed automatically by email dispatch based on

## CRYO.TAS MODULES OVERVIEW

	Entrance-control	ID-System	Filling Control	Analyzer Control	Scale System	Add-on Multi-Factory
Basic Single-Factory Line (1*)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)
Small Standard Edition (2*)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)
Medium Edition (3*)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)
Standard Edition	✓	✓	✓	✓	✓	(✓)
Enterprise Edition	✓	✓	✓	✓	✓	✓

(1\*) includes 1 module  
(2\*) includes 2 modules  
(3\*) includes 3 modules

(✓) selectable module  
✓ integrated module

Add-on (4*)	ERP-Interface (SAP/PPS et.)	Customer WEB-Interface	3rd-Party Administration	Media Library	Mixed Products	Multi-Factory
	Electronic Product Release	Event Messaging				

(4\*) If not indicated add-on modules can be added to any version

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## CRYO.TAS THE OVERALL CONCEPT

### Tank-Management

- Product availability monitoring
- Lock and unlock of products
- Batch creation
- Special functions for medical- and food-products
- Calculation of loaded quantities

### Analysis

- Automated gas path switching
- Test equipment- and calibration gas monitoring
- Auto-calibration
- Locking and unlocking of test equipment
- Connectivity to a wide range of sample point types (e.g. pipeline)

### Entrance

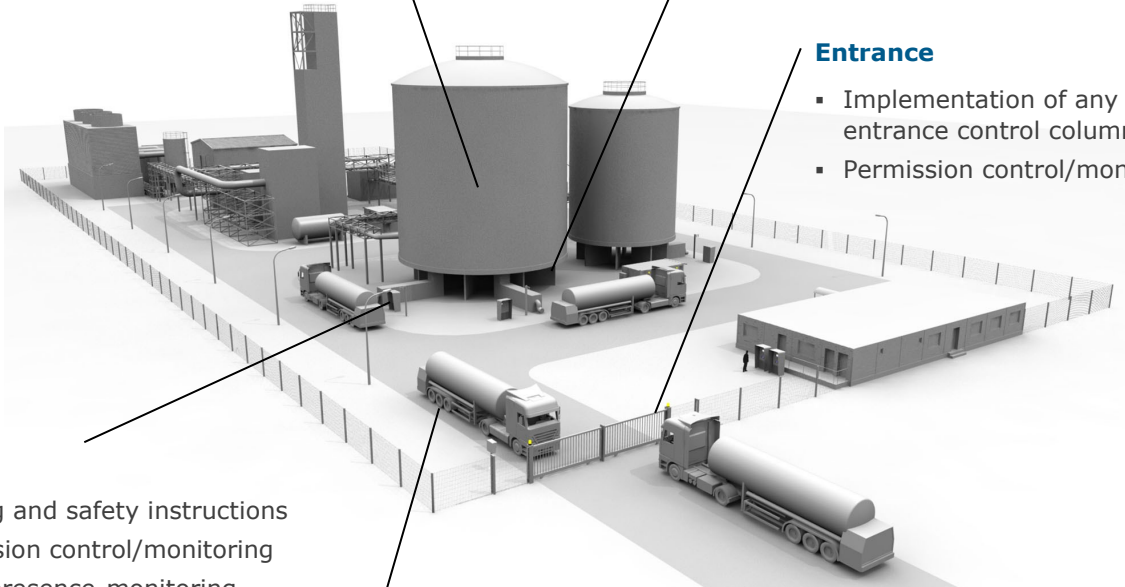
- Implementation of any number of entrance control columns
- Permission control/monitoring

### Loading

- Loading and safety instructions
- Permission control/monitoring
- Force-presence-monitoring
- Quality assurance/analysis
- Blending functionality
- Off-loading
- Special functions for medical products
- Control of all field devices

### SCALE.TAS

- Usage of any number of weigh bridges
- Free usage of entry- or exit weigh bridge, or both
- Creation of loading/transportation documents
- Quota control



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## INFORMATION

Would you like more information about the CRYO.TAS system? On the Internet you always get the latest information, or contact us directly. We are always ready to show you the performance of the system in a live presentation.

Simply contact:

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