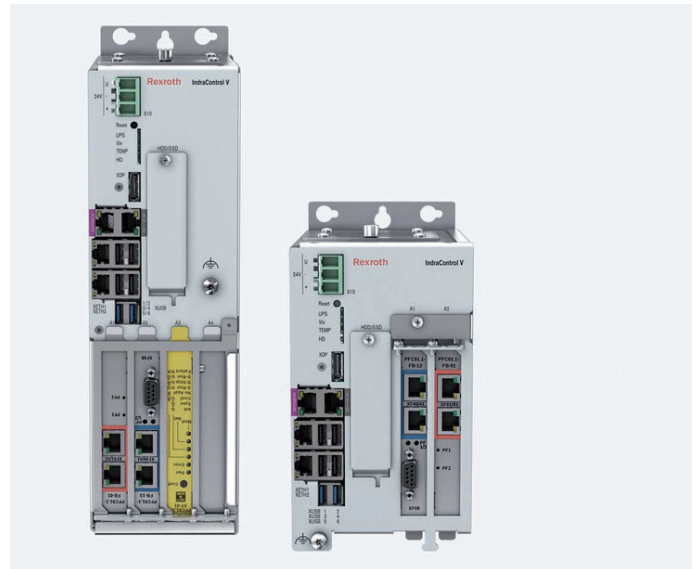# CPS

▌ Hard- and software upgrade

CPS hardware upgrade

Latest ROTZINGER PharmaPack Rexroth Industry-PC (I-PC) with Windows 10 64bit operating system. The new I-PC is equipped with Intel Core i7 processor and solid state drive (SSD). It is replacing the Intel Core i5, 32bit Windows 7 and hard disk drive (HDD).

CPS software upgrade

The replacement I-PC unit will come with the latest HMI and PLC software version installed. All present formats and data will be preliminary transferred from the old I-PC system to the new one. Therefore your new I-PC will be only plug and play with minimum downtime of the line. The PC upgrade is recommended for Crypto Code applications.

For further details see backpage.

Syntegon Rexroth I-PC

Actual CPS 1900 WTE

Advantages at a glance

- Up to date MS-Win 10 operating system
- Latest HMI and PLC software version
- High speed Industrial PC with Intel Core i7 processor
- Existing formats and data are dubbed to the new system
- Minimum line downtime due to plug and play exchange

Track & Trace machine upgrades

MultiCodeVisionSystem (MCVS)

The new ROTZINGER PharmaPack Multi Code Vision System (MCVS) is used to read and verify multiple product codes in the manual and automatic aggregation process.
The MCVS consists of:

- powerful vision software
- user control embedded in machine HMI that shows the operator the current state of the product via colored icons
- single, state of the art 20MPix camera
- multiple power led for illumination depending on customer use case

MCVS integration in a CPA0410 manual case aggregation station

OPC – Develop standard OPC interface to OEE/SCADA

New standard interface for data exchange via OPC/ OPC-UA technology between ROTZINGER PharmaPack CPS/CPA software and an customer IT system (e.g. SCADA system or site server). The following data is provided by the Syntegon CPS/CPA system:
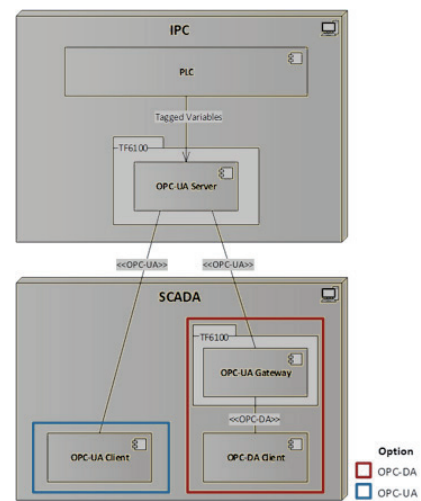
- active format name, format version and format status
- state of the machine (e.g. running, operating mode, machine speed, counter for operating hours, state of operation)
- state of faults, warnings and messages
- production counters
- batch data

OPC schematic view

Russian Crypto Code

ROTZINGER PharmaPack Track & Trace software V4.09 is ready to fulfill Russian track and trace regulations. Russian T&T Code is a code sequence consisting of an "Identification Code" and a "Verification Code". This means the code includes the Application Identifiers AI01 for GTIN, AI21 for Serial Number, AI91 and AI92 for the crypto code.

Sample of Russian crypto code

Continuous development of Track & Trace software

Our Track & Trace software is subject to a continuous improvement process with focus on processing time and stability. Especially the database access and data exchange between HMI and PLC were analyzed and optimized. Customers profit from faster production process times for serialization and aggregation process.

Please contact us

Our team „Engineering Track & Trace Service" will be available with all our experience of over 15 years.

Get your ROTZINGER PharmaPack CPS and CPA equipment ready to be compliant for the Russian crypto code.

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