Extended Value Package User Information

STOLL
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EVP

$C\epsilon$

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1 Overview to EVP

■ **What is an** EVP **?**
The Extended Value Package (EVP) allows the extension of features which go beyond the standard. These Extended Value Packages are chargeable and may be limited in time of use.

■ **How** EVP **can be bought?**
You can get EVP by order. There are two options here:

    – EVP installed with new machines ex works.

    – EVP installed by the customer on existing machines at a later time.

    – When ordering EVP the serial number of the machine is required because it is bound to individual machines.

    – For machines with OKC 3/5 control unit, the machine configuration file is required for the first EVP, which is to be sent to STOLL or to be uploaded to the WEB Shop. You have to install machine operating system V_OKC_006.002.XXX_STOLL or higher before copying the configuration.

    – You have to specify all machine serial numbers with your order if you want to get the extended features for several machines within this EVP file.

■ **How** EVP **will be delivered?**
EVP is delivered as installation file.
To be observed:

    – The installation file of an order contains all the different Extended Value Packages of this order.

    – The installation file of an order contains all the different machines of this order.

    – You will get one installation file for all your STOLL machines even with retrospectively created EVP.

■ **What is to observe before installing?**
The installation file is to be installed on the permitted machines.
Installing and Setting-up EVP [🗋 11]

    – The machines will get the corresponding features for the permitted period of time after the installation.

    – No Extended Value Package will be installed on non-permitted machines.

Which EVP s are available?

The following EVPs are available at the moment:

■ PPS Connector

    – ID 4170270728

– This function enables to use the ticket management for production and maintenance.

– Stitch Nameserver (SNS)

– STOLL knit report (SKR)

– Infrastructure Management

– Auto Production Mode light (APM light)

■ APM Extension to PPS Connector

– ID 4170270729

– Extension of the PPS Connector by the auto production mode (APM)

– This feature enables, to run production automatically without manual intervention on the machine.

– This function requires PPS Connector.

■ Pattern Decryption

– ID 4170270732

– This function enables the production of encrypted patterns on the respective machine.

– For the encryption use the Sintral Crypto Tool.

■ Upgrade EKC

– This feature enables the upgrade from OKC6 to EKC2 (Multi Touch Panel)

■ Upgrade Multi Touch Panel

– This feature enables the upgrade from EKC1 to EKC2 (Multi Touch Panel)

■ CAN-Fournisseure

– ID 4170282368

– Memminger-IRO: EFS 820 + EFS 920

– BTSR: ULTRAFEEDER 2

■ Time Lock

– Timelock Extension

– This feature enables for further operation of the machine after completion of the timelock.

1.1 On the Machine

Requirements to Install a EVP:

■ Operating System:

– V_OKC_006.002.000_STOLL or higher

– V_EKC_001.002.000_STOLL or higher

■ Control Hardware:

– All EKC Machines

– Control generation OKC3 or higher

– OKC3 control generation is not fully compatible to the auto productions mode

– How to detect the Control Generation of the OKC Machine [□ 12]

1.1.1 EVP and the behavior of the machine

ⓘ Machines having V_OKC_006.002.000_STOLL but without Extended Value Package are not concerned.

General behavior of the machine with expiring Extended Value Packages

■ Cyclic hints about the expiry of each Extended Value Packages

– Error messages with hints for remedy on time

– Implemented as count down

■ With PPS Connector

– No connection to the PPS-server available

– The current fabric gets completed.
Not the complete quantity of pieces!

■ Each of the Extended Value Packages will be treated individually

■ With expiry of the timelock feature

– Machine works at reduced creep speed MSECCO only.

ⓘ The following cases occur at non-synchronous machine time (e.g. due to empty battery).

Behavior of the machine with non-expiring Extended Value Packages

■ Extended Value Packages installed without time limit work as usual.

Behavior of the machine with expiring Extended Value Packages

■ All functions of the Extended Value Package are blocked

■ Remedy: Re-certifying the System Time [□ 20]

Special Case of Timelock Extension

■ With expiry of the feature:

– Machine works at reduced creep speed MSECCO only.

1. The customer requests a time extension from the financial service provider.
(according to contract agreement)

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2. Your financial service provider specifies a new expiry date via WEB interface.
   The financial service provider specifies a new expiry date via WEB interface (financial service provider needs access to WEBSHOP)

3. STOLL creates the new EVP based on the newly specified expiry date and makes it available for download.

4. The customer downloads the new EVP and installs it on the machines.

1.1.2 Extended Value Package "PPS Connector" (Production Planning System)
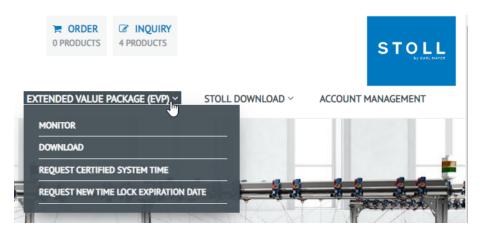
What is an "Extended Value Package"?	The "Extended Value Package" is a machine functionality that goes beyond the standard range of functions of the machine. The "Extended Value Package" must be ordered and paid additionally.
Which are the machines that can be used with the "Extended Value Package"?	Machines with control unit: ◆ OKC6.0 ◆ OKC5.0 ◆ OKC3.0 (from March 2009 on) ◆ With all newer control units
Why EVP?	The EVPs (Extended Value Packages) are necessary to to use the corresponding features at the machine.
Which variants exists?	◆ PPS-Connector This feature enables to use all the PPS features. ◆ Auto Production Mode APM This feature enables, to run production automatically without manual intervention on the machine. ◆ Pattern Decryption This function enables the production of encrypted patterns on the respective machine. For the encryption use the Sintral Crypto Tool.

	◆ Upgrade EKC This feature enables the upgrade from OKC6 to EKC2 (Multi Touch Panel) ◆ Upgrade Multi Touch Panel This feature enables the upgrade from EKC1 to EKC2 (Multi Touch Panel) ◆ Time Lock Timelock Extension This feature enables for further operation of the machine after completion of the timelock.

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1.2 In the STOLL WEBSHOP

Select EVP Service:

1. "MONITOR"

    Shows the current state of your EVPs.

2. "DOWNLOAD"

    Provides EVPs for download to you.

    –   This page is available even without login.
        STOLL WEBSHOP / EXTENDED VALUE PACKAGE (EVP) / DOWNLOAD

    –   All you EVPs are available for download till expiry of validity.

3. "REQUEST CERTIFIED SYSTEM TIME"

    Transmit the synchronisation file to STOLL here.

4. "REQUEST NEW TIME LOCK EXPIRATION DATE"

    For financial service provider

2 Installing and Setting-up EVP

ⓘ Comments:

■ Ex works, the "Extended Value Package" is bound irreversibly to one specific machine.
It can not be transferred to another machine.

■ Keep the installation file for machines with OKC 3 or OKC 5 control generation in order to be able to re-install the EVP if necessary.
No more necessary from OKC6 / EKC on.

■ Before changing the IPC, backup the state of the machine configuration of the machine that was the basis of the EVP generation for this machine.

■ The machine will be re-configured when installing the EVP.
With it the pattern memory will be deleted as well.
Therefore, exit the production before the installation.

2.1 Install EVP under the OKC operating system

How to install an EVP at an existing OKC operating system:

✓ knitevp.zip is available

✓ Operating System V_OKC_006.002.000_STOLL or higher

✓ No fabric in production

1. Open "Main Menu" / "Service" / "Software Update".

2. Select EVP file.

3. Click "Carry out update"

4. The "Update successfully installed" message appears.

How to install an EVP together with the new OKC operating system:

✓ knitevp.zip is available

✓ Control generation OKC 3, OKC 5 or OKC 6

✓ IPC starting with version 8
At least the P8X_003.010 image

✓ Operating system before V_OKC_006.002.000_STOLL

✓ No fabric in production

1. Save all files to be installed (operating system, language pack and knitevp.zip file) to one common directory (source folder).

2. Open "Main Menu" / "Service" / "Software Update".
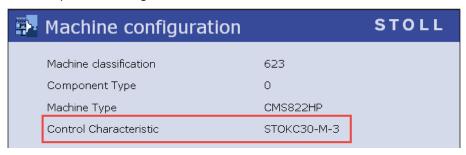
3. Select source folder.

4. Click "Carry out update"

▷ The installation files are copied on the hard disk of the machine in a separate storage location.

▷ The "Update successfully installed" message appears.

5. Activate " Automatic Installation".

▶ Operating system, language pack and EVP (knitevp.zip) file will be installed at restart of the machine. You can use the features after the restart.

2.1.1 How to detect the Control Generation of the OKC Machine

Open the machine configuration:

✓ The machine is running

1. Open "Main menu" / "Service" / "Basic settings" / "Machine configuration".

2. Read the entry in "Control Characteristic" box.

▶ Example of control generation OKC 3

STOKC30-M-3:

STOKC30-M-3 = STOLL

ST**OKC**30-M-3 = OKC Open Knit Control

STOKC**3**0-M-3 = OKC 3

2.1.2 Updating Software

A new Stoll operating system can also be copied on the hard disk while the machine is producing. Thereby no data will be overwritten but the operating system will be loaded into a separate memory area.

This saves a few minutes time, as copying occurs during production. The updating is not carried out until later, i.e. when the machine is switched off and on again at the main switch. A prompt appears, asking you whether the new operating system shall be loaded.

■ If the question is answered with **YES**, then the new Stoll operating system is installed.

■ If it is answered with **NO**, then this question is asked again the next time you switch on whether the new Stoll operating system should be installed.
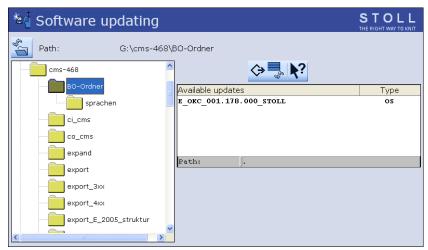
For the software update the source from where the new Stoll operating system should be copied can be selected.

Key	Function
	Call up the "Service" menu
	Call up the "Software updating" window
	Key "Select source folder"
	Key "Carry out update"
	Key "Update display"
	Save changes and end setting process
	End setting process without saving changes
	Call up "Main menu"

Keys for updating the software

Updating Software
1. Call up the "Service" menu from the "Main menu".
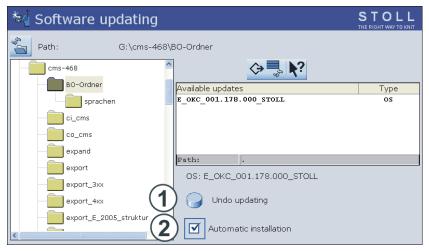2. Call up "Software updating" window.

"Software updating" window

3. Select source folder.

▷ If multiple Stoll operating systems are found on the data carrier, these are listed.

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i When searching for the Stoll operating system the selected folder section and a section under this section is also searched.

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4. If several Stoll operating systems are listed, the Stoll operating system (Type OS) that is to be copied should be marked.

5. Press the "Carry out update" key.

▶ The installation files are copied on the hard disk of the machine in a separate storage location.
The "Update successfully installed" message appears.

When the Stoll operating system is copied, two more program points are displayed in the "Software update" window.

"Software updating" expanded window

Key	Function
1	The data in the separate memory area are deleted.
2	Selection of whether the installation should be executed automatically or manually when the machine is switched on next.

☑	After a waiting time of 10 seconds the installation is automatically carried out till the "Reference runs" window (like in the case of "Installation"). Within the waiting time the installation can be canceled by tapping on "Cancel". Select this setting if only the operating system should be updated.
☐	Installation like in the case of "Installation and Configuration". Select this setting if machine data has been modified. For example after a gauge conversion or if a special equipment has been assembled.

Other functions in the "Software update" window

Reset update:

➜ Tap on the "Reset update" (1) key.

▶ The data is deleted in a separate storage location on the hard disk of the machine.

Select type of installation:

1. If the new Stoll operating system is to be installed after a waiting time of 10 seconds automatically, set the switch "Automatic Installation" (2) to "On".
   - or -
   If the new Stoll operating system is to be installed manually, set the switch "Automatic Installation" (2) to "off".

More data on a network drive or USB-Memory-Stick

In addition to the operating system, other data can be present on the network drive and the USB Memory Stick. Which data is available can be displayed by activating the "Carry out update" key.

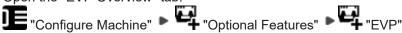| Type	Meaning
OS	Operating system (OS)
IMG	Hard disk image
HDA	HD Analyst
UPT	Update of Windows XP Embedded (OPTION)
REP	Update of repair image
EVP	Installation of Extended Value Packages

Selection of individual installation types
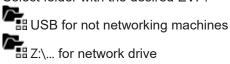
2.2 Install EVP under EKC operating system

How to install an EVP at an existing EKC operating system:

✓ 👤 Senior Operator

✓ Operating system V_EKC_001.002.000_STOLL (or higher).

✓ knitevp.zip is available:
On USB memory stick or network drive (external save location)

✓ No fabric in production

1. Open the "EVP Overview" tab.
   "Configure Machine" ▶ "Optional Features" ▶ "EVP"

2. Select folder with the desired EVP.

   USB for not networking machines

   Z:\... for network drive

3. Start EVP import.

   "Install the EVP"

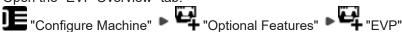   ▷ The "Data imported successfully." message will appear.

4. If this message does not appear, restart the machine with a Restart.

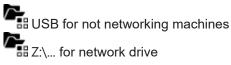How to install an EVP together with a new EKC operating system:

✓ knitevp.zip and the new EKC operating system are available in an common save location:
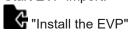On USB memory stick or network drive (external save location)

✓ No fabric in production

1. Open the "EVP Overview" tab.
   "Configure Machine" ▶ "Optional Features" ▶ "EVP"

2. Select folder with the desired EVP.

   USB for not networking machines

   Z:\... for network drive

3. Start EVP import.

   "Install the EVP"

   ▷ The "Data imported successfully." message will appear.

4. If this message does not appear, restart the machine with a Restart.

2.3 Special Case of Timelock Extension

■ Request a time extension from your financial service provider according to contract agreement before the expiry of the feature.

– Time extension is possible even after expiry of the timelock.

■ Your financial service provider specifies a new expiry date via WEB interface.
The financial service provider needs access to the STOLL WEBSHOP to do this.
In the STOLL WEBSHOP [🗋 10]

■ The new EVP is generated and ready to download for you as soon as the new expiry date is specified.

■ Download the new EVP and install it on the corresponding machines.

3 Using and Purchasing EVP

■ A Extended Value Package can be bought for several machines and can contain several features. knitevp.zip files are available even for pools of mixed machines.

■ You can obtain EVPs again if they got lost
It is useful to archive this file in case of OKC3 / OKC5 control generation

3.1 Initial Purchase of EVP

EVP order with new machines ex works:

■ Machines will be delivered with EVP already installed

■ Specifications when ordering new machines:

– Desired EVP features

– Expiry date of each feature
PPS-Connector is valid for one year by default.

3.2 Retrofitting EVP

Retrofit Extended Value Packages on existing machines:

■ Ordering EVP with the following specifications as spare part:

– Desired EVP features

– Serial number of machine(s)

– Expiry date of each feature
PPS-Connector is valid for one year by default.

■ Delivered as file per download or e-mail.

■ You may install it directly on the machine or place a service order at Stoll
Installing and Setting-up EVP [🗋 11]

3.3 Extension of EVP

Prolongation of existing Extended Value Packages:

■ Ordering EVP with the following specifications:

– Serial number of machine(s)

– Request it here: Extended Value Package (EVP) page of the STOLL WEBSHOP

■ Delivered as file per download or e-mail.

■ You may install it directly on the machine
Installing and Setting-up EVP [🗋 11]

■ In the STOLL WEBSHOP [🗋 10]

3.4   Procurement of EVP Replacement

All you EVPs are available for download till expiry of validity.

Source of supply if EVPs got lost

- This page is available even without login to the customer-net.
  STOLL WEBSHOP / EXTENDED VALUE PACKAGE (EVP) / DOWNLOAD

- E-mail helpline@stoll.com

- In the STOLL WEBSHOP [🗋 10]

3.5   Re-certifying the System Time

Certifying the System Time

- Concerns OKC6 / EKC control generation or higher
  How to detect the Control Generation of the OKC Machine [🗋 12]

- You have to re-certify the system time in case of switching-off a machine
  with an expired coin cell battery

How to certify the system time of the OKC:

1. Switch off machine.

2. Remove coin cell.

3. Insert new battery (coin cell).
   Type CR2032

⚡	**WARNING**
	Short Circuit
	Damage of battery!
	→ Do not use electrically conductive tools

1. Set correct time via the user interface
   Check date and time, set time zone

2. Generate request data for time certificate.

ⓘ: Let the request data be generated only once.
Install the certified system time before you let generate request data again.
Install the certified system time you got at least only.

1. Request the certified system time from STOLL by uploading the request data to the WEB interface. In the STOLL WEBSHOP [🗋 10]

2. The certified system time will be delivered to you as a EVP by e-mail.

3. Install the certified system time.
    Installing and Setting-up EVP [🗋 11]

How to certify the system time of the EKC:

1. Switch off machine.

2. Remove coin cell.
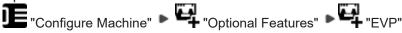
3. Insert new battery (coin cell).
    Type CR2032

⚡	**WARNING**
	Short Circuit
	Damage of battery!
	→ Do not use electrically conductive tools

1. Set correct system time of the EKC operating system.
    ▤ "Configure Machine" ▶ 📝 "System Settings" ▶ 🌐 "Time and Language"
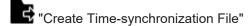   Check Date and Time, Set Time Zone.

2. Open the "EVP Overview" tab.
    ▤ "Configure Machine" ▶ 🗺 "Optional Features" ▶ 🗺 "EVP"

3. Select folder for the time-synchronization file.
    📁 USB for not networking machines
    📁 Z:\... for network drive

4. Create and save the time-synchronization file.
    📤 "Create Time-synchronization File"

ⓘ Notes:

■ Schedule the timely request and installation of the certified system time. From creating the time-synchronization file to installing the certification EVP must not pass more than 24 hours.

■ Let the request data be generated only once.

■ Install the certified system time before you let generate request data again.

■ Install the certified system time you got at least only.

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1. Request the certified system time from STOLL by uploading the time synchronisation file to the WEB interface.
   In the STOLL WEBSHOP [🗅 10]
   Or without login to the customer-net: http://evp.stoll.com/
   request_evp_download/index.html

   ▷ The certified system time will be delivered to you as a EVP by e-mail.

2. Install the certified system time.
   Install EVP under EKC operating system [🗅 16]
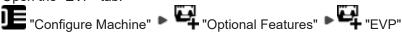
Implications of a non-certified system time

- Extended Value Packages with time limit do not work any more
- The active timelock blocks the machine
  (Machine works at creep speed MSECCO only)
- Machines without Extended Value Package are not concerned
- Extended Value Packages installed without time limit work as usual.
- Installing and Setting-up EVP [🗅 11]
- In the STOLL WEBSHOP [🗅 10]

3.5.1   Check and correct the system time.

How to check the EKC system time for EVP:

→ Open the "EVP" tab.

 "Configure Machine" ▶ "Optional Features" ▶ "EVP"
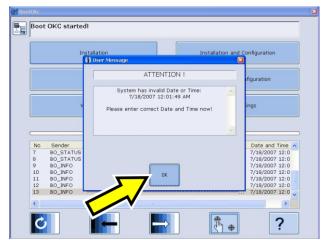
▶ The state of the system time is displayed:

The states of the system time:

■ The system time is valid.

■ The system time is invalid. Set correct time, date and time zone.

  – Configure Machine ▶ System Settings ▶ Time and Language

■ The system time is invalid. Set correct time, date and time zone at first. Then, request a time certification EVP from STOLL and import it within 24 hours.

  – Set correct system time of the EKC operating system.
  "Configure Machine" ▶ "System Settings" ▶ "Time and Language"

  – Open the "EVP Overview" tab and create time synchronisation file.
  "Configure Machine" ▶ "Optional Features" ▶ "EVP " "Create Time-synchronization File"

How to check the OKC system time for EVP:

1. Switch on main switch.

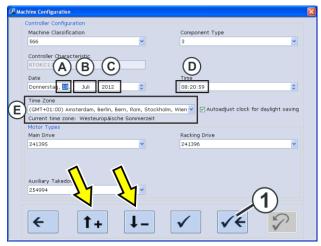2. The "BootOKC"Boot window appears and simultaneously also a message indicating that time and date are not correct.

3. Tap the "OK" key.

▷ The "Machine Configuration" window appears.

4. Check the date (A-C) and the time (D).
   Minor corrections of the time can be carried out with the help of the arrow keys.

5. Set the time zone (E) by the help of the arrow keys.

6. Save the settings and return to the "BootOKC" window. Tap the (1) button for this.

7. Tap the "Restart" button in the "BootOKC" window.

8. The "Reference runs" window appears.

3.6 Timelock

■ In the STOLL WEBSHOP [▷ 10]

3.7 e-mail from Stoll

Delivery KnitEVP in Case of Success

Dear Sirs,

thank you very much for your request.
You will find the "Knitevp.zip" file for your request attached to this e-mail.

Please install this file on the machine or machines.

■ EKC:
   "Configure Machine" ▶ "Optional Features" ▶ "EVP"

■ OKC:
   Service -> Software updating

The data for your request:

Customer No.	1
	0000001550
	19.09.2016
	64200304439

Feedback in Case of Failure

Dear Sirs,

thank you very much for your request.
Your request could not be processed properly!

Customer No.	1
	0000001548
	19.09.2016
	64200304439

Ensure correct setting of system time and time zone of the machine.

Send a new request then.

Please contact STOLL Helpline if this is not successful.