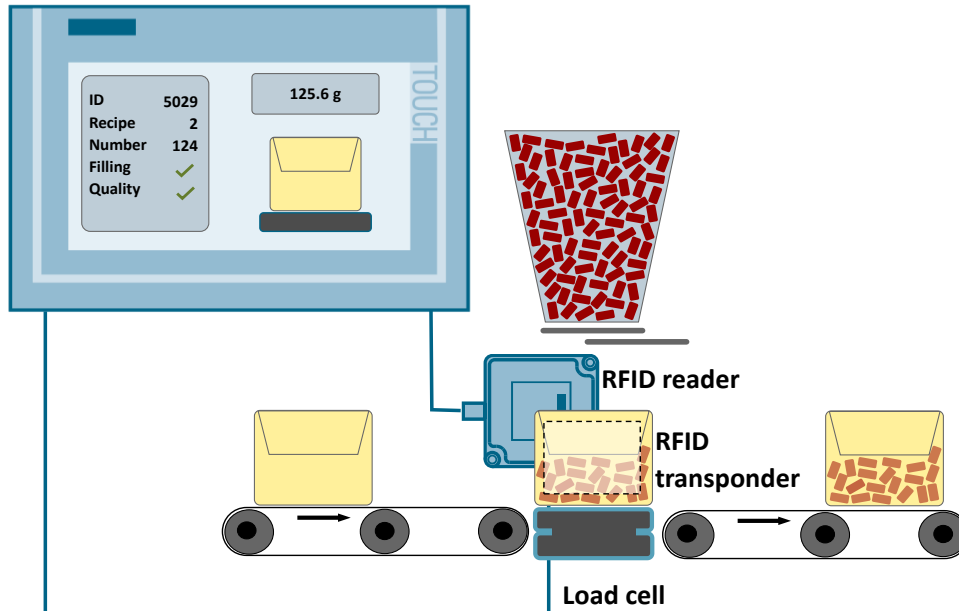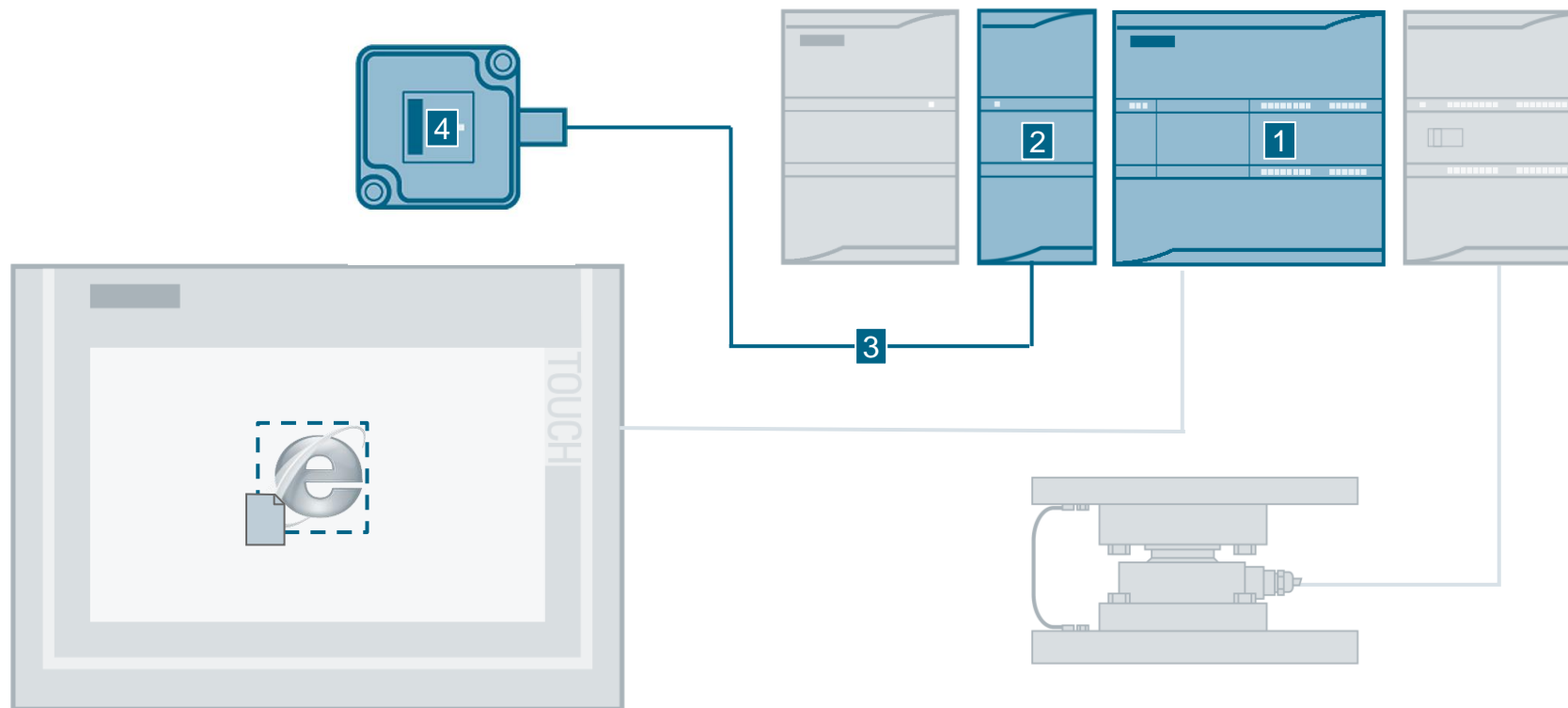# Set 13 - Logging User Data by means of RFID
Task

- With the help of the extension set, the transponder UID on the packaging is read out by means of the communication module and the RFID reader, and integrated into the process data logging.

- The recipe data with time stamp of the filling, weight and quality assurance is additionally to be written in the transponder of the goods to be filled.

- The user data can also be edited without weighing technology extension in manual mode, written on the transponder and read out again.

Scan the code and get more information!

http://support.automation.siemens.com/WW/view/en/96784939

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1	S7-1200 CPU	2	RF 120 C	3	Cable RF 240R & RF120C	4	RF 240 R

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Set 13 - Logging User Data by means of RFID
Main Components

		Product	Function description
1		**CPU 1214C DC/DC/DC** **Article no. 6ES7214-1AG40-0XB0**	• Storing and editing different recipes by means of web browser • Control of the read/write process on RFID transponders
2		**RFID communication module RF120C for SIMATIC S7-1200** **Article no. 6GT2002-0LA00**	• Communication interface between RF200 reader and SIMATIC S7-1200
3		**Connecting cable between RF120C and RFID reader** **Article no. 6GT2091-4LH20**	• Length: 2 m
4		**SIMATIC RF200 READER RF240R** **Article no. 6GT2821-4AC10**	• Reading and writing to the RFID transponders • With integrated antenna
		HF LABEL MDS D261 FOR RF200 **Article no. 6GT2600-1AA01-0AX0 (Minimum order quantity: 1000)**	• RFID transponders • Adhesive, ISO 15693, 256 BYTE user memory; Dimensions (L x W x H): 55 x 55 x 0.3 mm

Set 13 - Logging User Data by means of RFID
Software Components

		Product	Function description
		STEP 7 Basic **V13** **Article no.** **6ES7822-0AA03-0YA5**	• Configuration and programming of the SIMATIC S7-1200
		WinCC Comfort **V13** **Article no.** **6AV2101-0AA03-0AA5**	• Configuration and programming of the TP 700 Comfort

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Set 13 - Logging User Data by means of RFID
Further Information

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Benefit
- The log data (packet number, system time stamp, recipe number, pieces, tolerance, filling weight) is to be written onto the transponders on the containers for later tracking.

Sectors of industry
- Food and packaging industry
- Mechanical engineering, automation systems, conveyor technology
- Auxiliary assembly lines in the automotive industry/suppliers
- Small assembly lines

Similar topics
- Quality Assurance by means of Weighing, Control and Logging with the SIMATIC S7-1200 (Set 6, Link: 82454336)

More information
- LOGO! and S7-1200 sets: www.siemens.com/support.automation.applications
- Service and Support Portal: http://support.automation.siemens.com/

http://support.automation.siemens.com/WW/view/en/96784939