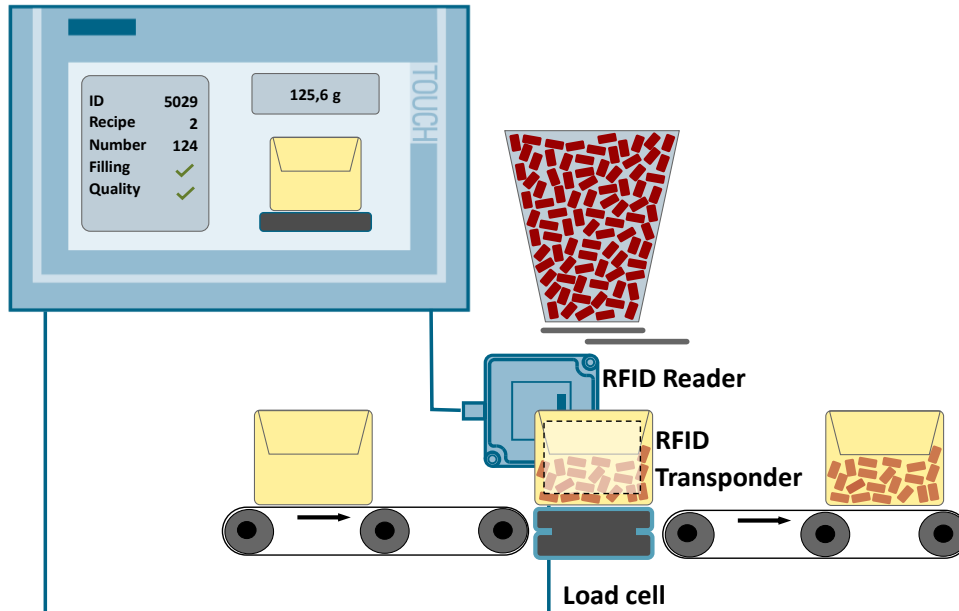


Set 13 - Logging User Data by means of RFID

Task

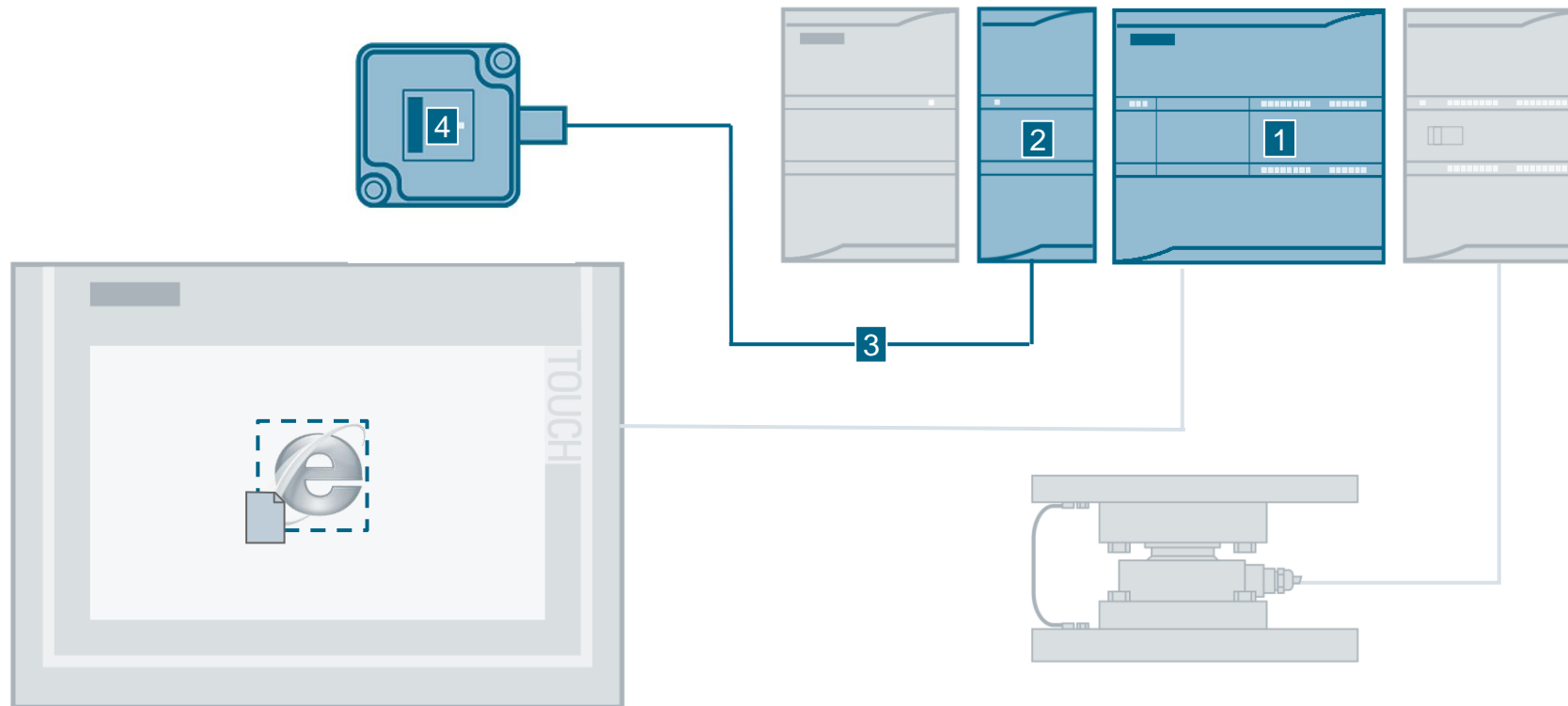


- With the help of the extension set, the transponder UID on the packaging is read out by means of the communication module and the RFID reader, and integrated into the process data logging.
- The recipe data with time stamp of the filling, weight and quality assurance is additionally to be written in 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!








Set 13 - Logging User Data by means of RFID Automation Solution



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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Communication interface between RF200 reader and SIMATIC S7-1200
3		Connecting cable between RF120C and RFID reader Article no. 6GT2091-4LH20	<ul style="list-style-type: none"> Length: 2 m
4		SIMATIC RF200 READER RF240R Article no. 6GT2821-4AC10	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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 V14 Article no. 6ES7822-0AA04-0YA5	<ul style="list-style-type: none">• Configuration and programming of the SIMATIC S7-1200
		WinCC Comfort V14 Article no. 6AV2101-0AA04-0AA5	<ul style="list-style-type: none">• Configuration and programming of the TP 700 Comfort

Set 13 - Logging User Data by means of RFID

Further information

Benefits

- 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, Controlling and Logging with the SIMATIC S7-1200 (Set 6):
<https://support.industry.siemens.com/cs/ww/en/view/82454336>

Further information

- Topic page “Easy Entry in LOGO! and SIMATIC S7-1200”:
<https://support.industry.siemens.com/cs/ww/en/view/35923253>
- SIEMENS Industry Online Support Portal:
<https://support.industry.siemens.com/cs/ww/en/>

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Security information

Siemens provides products and solutions with Industrial Security functions that support the secure operation of plants, systems, machines and networks. To protect plants, systems, machines and networks against cyber threats, it is necessary to implement (and continuously maintain) a holistic, state-of-the-art Industrial Security concept. Products and solutions from Siemens are only one part of such a concept. It is the customer's responsibility to prevent unauthorized access to the customer's plants, systems, machines and networks. Systems, machines and components should only be connected with the company's network or the Internet, when and insofar as this is required and the appropriate protective measures (for example, use of firewalls and network segmentation) have been taken. In addition, Siemens' recommendations regarding appropriate protective action should be followed. For more information on industrial security, visit <http://www.siemens.com/industrialsecurity>.

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