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# Support Packages for TIA Portal V16

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# 1 Support Packages for STEP 7

## 1.1 Support Packages for STEP 7 Basic or Professional V16

You can use these HSP with STEP 7 Basic V16 and STEP 7 Professional V16.  
**At least** STEP 7 Basic V16 or STEP 7 Professional V16 is required.

### 1.1.1 HSP 0063 V3.0 – STEP 7 V16 Update 4 is required

is necessary for these devices:

SITOP UPS1600 / UPS1100 / BAT1600 – FW V2.5

- 6EP4134-3AB00-2AY0; 6EP4136-3AB00-2AY0; 6EP4137-3AB00-2AY0
- 6EP4136-3AC00-2AY0;
- 6EP4131-0GB00-0AY0; 6EP4132-0GB00-0AY0; 6EP4133-0GB00-0AY0
- 6EP4133-0JB00-0AY0; 6EP4134-0GB00-0AY0; 6EP4135-0GB00-0AY0
- 6EP4134-0GL00-0AY0
- 6EP4130-0GJ00-0AY0; 6EP4132-0JA00-0AY0; 6EP4134-0JA00-0AY0
- 6EP4133-0GA00-0AY0; 6EP4135-0GE00-0AY0; 6EP4137-0GE00-0AY0
- 6EP4133-0GD00-0AY0; 6EP4135-0GL00-0AY0

### 1.1.2 HSP 0134 V2.0

is necessary for this device:

SIMATIC ET 200PRO Frequency converter FC-2 – FW Version 4.7.10

- 6SL3514-1KE13-5AE0

### 1.1.3 HSP 0184

is necessary for this module:

SIMATIC ET 200SP, TM Posinput 1

- 6ES7138-6BA01-0BA0

### 1.1.4 HSP 0197

is necessary for this device:

SIMATIC PN/CAN LINK

- 6BK1620-0AA00-0AA0

### 1.1.5 HSP 0198 V2.0 SP1 – STEP 7 V16 Update 2 is required

is necessary for these devices:

SIMATIC MICRO-DRIVE PDC(F) – FW-Version V2.0

- 6BK1630-1AA10-0AA0; 6BK1630-2AA10-0AA0
- 6BK1630-1AA60-0AA0; 6BK1630-2AA60-0AA0
- 6BK1630-1BA00-0AA0

### 1.1.6 HSP 0205 – STEP 7 V16 Update 1 is required

is necessary for this module:

SIMATIC ET 200SP IM155-6 PN Standard – FW-Version 4.2

- 6ES7155-6AU01-0BN0

### 1.1.7 HSP 0214

is necessary for this module:

SIMATIC PN/BACnet LINK

- 6BK1621-0AA00-0AA0

### 1.1.8 HSP 0238 V1.0

is necessary for these devices:

SIRIUS Soft Starter 3RW5

- 3RW50...-B..; 3RW55...-HA..; 3RW55...-HF..;
- 3RW5950-0CH00; 3RW5980-0CT00; 3RW5980-0HF00

### 1.1.9 HSP 0238 V2.0

is necessary for these devices:

SIRIUS Soft Starter 3RW5

- 3RW55...-HF..;
- 3RW5950-0CH00; 3RW5980-0CT00; 3RW5980-0HF00

### 1.1.10 HSP 0299

is necessary for these modules:

SIMATIC ET 200eco PN

- 6ES7141-6BG00-0BB0; 6ES7141-6BH00-0BB0
- 6ES7142-6BG00-0BB0; 6ES7142-6BR00-0BB0
- 6ES7143-6BH00-0BB0

### 1.1.11 HSP 0302

is necessary for this module:

SIMATIC Bus adapter BA 2xM12

- 6ES7193-6AM00-0AA0

### 1.1.12 HSP 0305

is necessary for this module:

SIMATIC ET200 SP CM DALI

- 6ES7137-6CA00-0BU0



### 1.1.13 HSP 0307

is necessary for this component:

PROFINET Driver for Controller – FW-Version 2.2

- 6ES7195-3AA00-0YA0

### 1.1.14 HSP 0310 V3.0 – STEP 7 V16 Update 4 is required

is necessary for this module:

SIMATIC ET 200SP CM CAN (FW-Version V1.0 / V1.1)

- 6ES7137-6EA00-0BA0

### 1.1.15 HSP 0311 V2.0

is necessary for this module:

SIMATIC ET 200SP F-TM ServoDrive

- 6BK1136-6AB00-0BU0

### 1.1.16 HSP 0311 V3.0 – STEP 7 V16 Update 2 is required

is necessary for these modules:

SIMATIC ET 200SP F-TM ServoDrive/StepDrive

- 6BK1136-6AB00-0BU0
- 6BK1136-6SB00-0BU0

### 1.1.17 HSP 0311 V4.0 – STEP 7 V16 Update 2 is required

is necessary for these modules:

SIMATIC ET 200SP F-TM ServoDrive/StepDrive

- 6BK1136-6AB00-0BU0
- 6BK1136-6AB00-0CU0
- 6BK1136-6SB00-0BU0

### 1.1.18 HSP 0311 V5.0 – STEP 7 V16 Update 4 is required

is necessary for these modules:

SIMATIC ET 200SP F-TM ServoDrive/StepDrive

- 6BK1136-6AB00-0BU0
- 6BK1136-6AB00-0CU0
- 6BK1136-6SB00-0BU0

### 1.1.19 HSP 0311 V6.0 – STEP 7 V16 Update 5 is required

is necessary for these modules:

SIMATIC ET 200SP F-TM ServoDrive/StepDrive

- 6BK1136-6AB00-0BU0
- 6BK1136-6AB00-0CU0
- 6BK1136-6SB00-0BU0

### 1.1.20 HSP 0312

is necessary for these modules:

SIMATIC S7-1500 / ET 200MP, Analog input modules, AI 16xU/I BA

- 6ES7531-7LH00-0AB0
- 6ES7531-7MH00-0AB0

### 1.1.21 HSP 0313

is necessary for this module:

SIMATIC ET 200AL, AI 4xRTD/TC

- 6ES7144-5KD50-0BA0

### 1.1.22 HSP 0318

is necessary for these devices:

SIMATIC S7-1500 Act. backplane/ 12 slot

- 6ES7590-0BL00-0AA0

SIMATIC ET 200MP. PROFINET IO-Device Interface-Modul IM 155-5 PN HF

- 6ES7155-5AA00-0AC0 (FW-Version V4.4)

### 1.1.23 HSP 0319

is necessary for these modules:

SIMATIC S7-1500 Digital modules 64 channels

- 6ES7521-1BP00-0AA0
- 6ES7522-1BP00-0AA0
- 6ES7522-1BP50-0AA0
- 6ES7523-1BP50-0AA0

### 1.1.24 HSP 0321

is necessary for this module:

SIMATIC ET 200SP RQ

- 6ES7132-6HC50-0BU0

### 1.1.25 HSP 0322 – STEP 7 V16 Update 2 is required

is necessary for these devices:

SCALANCE SC6xx-2C – FW-Version 2.1

- 6GK5 622-2GS00-2AC2
- 6GK5 632-2GS00-2AC2
- 6GK5 636-2GS00-2AC2
- 6GK5 642-2GS00-2AC2
- 6GK5 646-2GS00-2AC2



### 1.1.26 HSP 0323 – STEP 7 V16 Update 1 is required

is necessary for these devices:

SIMATIC RF 360R

- 6GT2801-5BA30

### 1.1.27 HSP 0325 – STEP 7 V16 Update 2 is required

is necessary for these devices:

SCALANCE X200/X300– FW-Version 4.2

- 6GK5204-..; 6GK5205-..; 6GK5206-..; 6GK5208-..
- 6GK5213-..; 6GK5216-..; 6GK5224-..
- 6GK5324-..; 6GK5326-..; 6GK5328-..

#### NOTE

Please note the important information in the file TIA\_Portal\_V16\_Readmes.zip!

### 1.1.28 HSP 0326

is necessary for this module:

SIMATIC ET 200eco PN, CM 8x IO-Link + DI 4x 24V DC

- 6ES7148-6JG00-0BB0

### 1.1.29 HSP 0328 V2.0 – STEP 7 V16 Update 4 is required

is necessary for these modules:

SIMATIC RF18x CM – FW-Version 2.0

- 6GT2002-0JE.0

### 1.1.30 HSP 0331 V2.0 – STEP 7 V16 Update 4 is required

is necessary for this module:

SIMATIC ET 200SP, TM SITRANS FCT070 Coriolis flow transmitter

- 7ME4138-6AA00-0BB1

### 1.1.31 HSP 0332

is necessary for this module:

SIMATIC ET 200SP, TM Count 2 – FW-Version 2.0

- 6ES7550-1AA01-0AB0

### 1.1.32 HSP 0334

is necessary for this part:

SIMATIC S7-1500 / ET 200MP active backplane bus

- 6ES7590-0BH00-0AA0
- 6ES7590-0BD00-0AA0

### **1.1.33 HSP 0335 – STEP 7 V16 Update 4 is required**

is necessary for these modules:

SIMATIC ET 200SP, AI Energy Meter – FW-Version 8.0

- 6ES7134-6PA01-0BU0; 6ES7134-6PA21-0BU0
- 6ES7134-6PA01-0CU0; 6ES7134-6PA21-0CU0

### **1.1.34 HSP 0336 – STEP 7 V16 Update 4 is required**

is necessary for these devices:

SENTRON PAC4200 – FW-Version 2.3

- 7KM4211-1BA00-3AA0; 7KM4212-0BA00-2AA0; 7KM4212-0BA00-3AA0

SENTRON COM100/COM800 – FW-Version 4.4

- 3VA9977-0TA10; VA9977-0TA20; 3VA9987-0TA10; 3VA9987-0TA20

SENTRON molded case circuit breaker 3VA2/3VA6 – FW-Version 4.4

- 3VA2..
- 3VA6..

### **1.1.35 HSP 0337 – STEP 7 V16 Update 4 is required**

is necessary for this device:

SIMATIC RF120C – FW-Version 2.0

- 6GT2002-0LA00

### **1.1.36 HSP 0338**

is necessary for these devices:

SCALANCE X200 IRT– FW-Version 5.5

- 6GK5200-4AH00-2BA3; 6GK5200-4AH10-2BA3
- 6GK5201-3BH00-2BA3; 6GK5201-3BH10-2BA3; 6GK5201-3JR00-2BA6
- 6GK5201-3JR10-2BA6;
- 6GK5202-2BB00-2BA3; 6GK5202-2BB10-2BA3; 6GK5202-2BH00-2BA3
- 6GK5202-2BH10-2BA3; 6GK5202-2JR00-2BA6; 6GK5202-2JR10-2BA6
- 6GK5204-0BA00-2BA3; 6GK5204-0BA10-2BA3; 6GK5204-0JA00-2BA6
- 6GK5204-0JA10-2BA6; 6GK5204-0BA00-2BF2; 6GK5204-0BA10-2BF2
- 6GK5204-2AA00-2BD2

### **1.1.37 HSP 0343 – STEP 7 V16 Update 4 is required**

is necessary for these modules:

SIMATIC S7-1500, DQ 230VAC ST (Triac)

- 6ES7522-5FF00-0AB0
- 6ES7522-5FH00-0AB0

### 1.1.38 HSP 0346

is necessary for these devices:

SCALANCE X200 IRT– FW-Version 5.4

- 6GK5200-4AH00-2BA3
- 6GK5201-3BH00-2BA3; 6GK5201-3JR00-2BA6
- 6GK5202-2BB00-2BA3; 6GK5202-2BH00-2BA3; 6GK5202-2JR00-2BA6
- 6GK5204-0BA00-2BA3; 6GK5204-0JA00-2BA6; 6GK5204-0BA00-2BF2
- 6GK5204-2AA00-2BD2

### 1.1.39 HSP 0348

is necessary for this module:

SIMATIC ET 200AL CM 4x IO-Link – FW-Version 1.2

- 6ES7147-5JD00-0BA0

### 1.1.40 HSP 0356 – STEP 7 V16 Update 4 is required

is necessary for this module:

SIMATIC ET 200SP TM SIWAREX WP341 HF

- 7MH4138-6CA00-0CU0

### 1.1.41 HSP 0357

is necessary for these modules:

SIMATIC ET 200SP AI RTD/TC HF – FW-Version 2.1

- 6ES7134-6JD00-0CA1
- 6ES7134-6JF00-0CA1

### 1.1.42 HSP 0373 – STEP 7 V16 Update 4 is required

is necessary for this device:

SIMATIC RF360R – FW-Version 2.0

- 6GT2801-5BA30

### 1.1.43 HSP 0376 – STEP 7 V16 Update 5 is required

is necessary for these devices:

SIMATIC RF600R – FW-Version 4.0

- 6GT2811-6AA10-0AA0; 6GT2811-6AA10-1AA0; 6GT2811-6AA10-2AA0
- 6GT2811-6AA10-2AA0; 6GT2811-6AA10-4AA0
- 6GT2811-6BC10-0AA0; 6GT2811-6BC10-1AA0; 6GT2811-6BC10-2AA0
- 6GT2811-6CA10-4AA0; 6GT2811-6CA10-0AA0; 6GT2811-6CA10-1AA0
- 6GT2811-6CC10-0AA0; 6GT2811-6CC10-1AA0; 6GT2811-6CC10-2AA0

**1.1.44 HSP 0377 – STEP 7 V16 Update 5 is required**

is necessary for this device:

SIMATIC RF166C – FW-Version 2.0

- 6GT2002-0EE20

**1.1.45 New: HSP 0379**

is necessary for this device:

SIMATIC S7-1500, TM NPU – FW-Version 2.0

- 6ES7556-1AA00-0AB0

**1.1.46 HSP 0381 – STEP 7 V16 Update 4 is required**

is necessary for these modules:

SIMATIC S7-1500, DI/DQ – FW-Version 2.0

- 6ES7521-1BH50-0AA0; 6ES7521-1FH00-0AA0
- 6ES7522-5FF00-0AB0; 6ES7522-5FH00-0AB0

## 1.2 Support Packages for STEP 7 Professional V16

You can use these HSP with STEP 7 Professional V16. **At least** STEP 7 Professional V16 is required.

### 1.2.1 HSP 0185

is necessary for these devices:

SINAMICS V90 PN (FW-version 1.04)

- 6SL3210-5FB10-1UF0; 6SL3210-5FB10-1UF2; 6SL3210-5FB10-2UF0;
- 6SL3210-5FB10-2UF2; 6SL3210-5FB10-4UF1; 6SL3210-5FB10-8UF0;
- 6SL3210-5FB11-0UF1; 6SL3210-5FB11-5UF0
- 6SL3210-5FB12-0UF0
- 6SL3210-5FE10-4UF0; 6SL3210-5FE10-8UF0;
- 6SL3210-5FE11-0UF0; 6SL3210-5FE11-5UF0;
- 6SL3210-5FE12-0UF0;
- 6SL3210-5FE13-5UF0
- 6SL3210-5FE15-0UF0;
- 6SL3210-5FE17-0UF0

### 1.2.2 HSP 0287

is necessary for these devices:

SIMATIC S7-1500 Software Controller CPU 150xS (FW-Version 21.8)

- 6ES7672-..C.1-0YA0

### 1.2.3 HSP 0317 – STEP 7 V16 Update 2 is required

is necessary for these modules:

SIMATIC ET 200SP HA – Ex-grade

- 6DL1155-6AU00-0PM0
- 6DL1131-6TD00-0HX1
- 6DL1132-6CB00-0HX1
- 6DL1132-6EB00-0HX1
- 6DL1134-6TB00-0HX1
- 6DL1134-6JD00-0HX1
- 6DL1135-6TB00-0HX1
- 6DL1133-6PX00-0HW0

## **2 Support Packages for WinCC**

### **2.1 Support Packages for WinCC V16**

#### **2.1.1 HSP 0306**

is necessary for this device:

SIMATIC HMI KTP700F Mobile Arctic:

- 6AV2145-6GB06-0AA0

#### **2.1.2 HSP 0362 – WinCC V16 Update 4 is required**

is necessary for these devices:

SIMATIC HMI connection box for Mobile Panels

- 6AV2125-2AE13-0AX0
- 6AV2125-2AE23-0AX0

## **3 Support Packages for STEP 7 Safety**

### **3.1 Support Packages for STEP 7 Safety Advanced V16**

#### **3.1.1 HSP 0308**

is necessary for this module:

SIMATIC ET 200SP, F-AI 4xU 0..10V HF

- 6ES7137-6CA00-0BU0