

What's New in STEP 7 Lite V3.0

The following topics have been updated:

Installation

STEP 7 Lite V3.0 is released for MS Windows 2000 Professional, MS Windows XP Home and MS Windows XP Professional.

New Licensing Procedure

As of STEP 7 Lite V3.0 there is a new licensing procedure. User rights are no longer issued by means of authorizations but now by means of license keys. License Keys are managed in the Automation License Manager (see User Rights through the Automation License Manager). The "AuthorsW" program is no longer used.

Hardware Configuration

The following modules are now supported with STEP 7 Lite V3.0:

Module	Order Number	Firmware Version	Short Description
C7-635 Key	6ES7 635-2EC01-0AE3	V2.0	Complete device; OP 170 B + CPU with 64KB work memory; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 4 pulse outputs (2.5kHz); 4 channel counting and measurement with incremental encoders 24V (60kHz); integrated positioning function; MPI+ DP connector (DP master or DP slave); send and receive capability for direct data exchange; constant bus cycle time; routing; S7 Communication (loadable FBs/FCs); firmware V2.0
C7-635 Touch	6ES7 635-2EB01-0AE3	V2.0	Control system; TP 170 B + CPU with 64KB work memory; 0,1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 4 pulse outputs (2.5kHz); 4 channels counting and measuring incremental encoders 24V (60kHz); integrated positioning function; MPI+ DP connector (DP master or DP slave); send and receive capability for direct data exchange; constant bus cycle time; routing; S7 Communication (loadable FBs/FCs); firmware V2.0

Module	Order Number	Firmware Version	Short Description
C7-613	6ES7 613-1CA01-0AE3	V2.0	Complete device; display and operator unit 4 rows, 21 buttons + CPU with 32KB work memory; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 3 pulse outputs (2.5kHz); 3 channel counting and measuring with incremental encoders 24V (30kHz); MPI connector; single-tier configuration up to 4 modules; firmware V2.0
C7-636 Key	6ES7 636-2EC00-0AE3	V2.0	Complete device; OP 270 6" + CPU with work memory 128KB; 0.1ms/1000 instructions; DI24/DO16; AI5/AO2 integrated; 4 pulse outputs (2.5kHz); 4-channel counting and measuring with incremental encoders 24V (60kHz); integrated positioning function; MPI+ DP connector (DP master or DP slave); send and receive capability for direct data exchange; constant bus cycle time; routing; S7 Communication (downloadable FBs/FCs); firmware V2.0
CPU 317-2 PN/DP	6ES7 317-2EJ10-0AB0	V2.2	Work memory 512kb; 0.3ms/1000 instructions; Ind. Ethernet connection; MPI+ DP connection (DP master or DP slave); multi-tier configuration up to 32 modules; send and receive capability for direct data exchanges; constant bus cycle time; routing; S7 communication (loadable FBs/FCs); Firmware V2.2
PM-E DC 24V/ AC 120/230V	6ES7 138-4CA50-0AB0	-	Power module PM-E DC 24V, AC 120V, AC 230V, with diagnostics and backup
SM 322; DO 32xAC 120/230 V/1 A	6ES7 322-1FL00-0AA0	-	Digital output module DO32 AC 120/230V/1A, grouping 8
SM 321; DI 16 x DC 48-125 V	6ES7 321-1CH20-0AA0	-	Digital input module DI16 DC 48-125V, grouping 8
SM 322; DO 8 x DC 48-125 V/1,5 A	6ES7 322-1CF00-0AA0	-	Digital output module DO8 DC 48-125V/1.5A, grouping 4
SM 338 8x IQ-SENSE	6ES7 338-7XF00-0AB0	-	Module 8 IQ-SENSE for the connection of IQ-SENSE devices
SM 331 AI 8x14 Bit	6ES7 331-7HF01-0AB0	-	Analog input module AI 8x14 bits, high speed, supports isochrone mode
SM327 8DI/8DX	6ES7 327-1BH00-0AB0	-	Digital mixed modules; DI8 x DC24V; DX8 parameters can be assigned as input or output on single channels