

Introduzione

Questa TN integra la lista di CPU Siemens 1500 utilizzate con il driver OI-SIDIR.

Versioni

- ❖ OI-CORE G-3.0 (v6.0)
- ❖ OI-SIDIR G-2.2 (v5.0) [2018.0418.2664.1]

La matrice di Compatibilità Aveva del driver OI-SIDIR G-2.2 si può trovare al link:

<https://gcsresource.aveva.com/TechnologyMatrix/Report/Details?id=823>

le CPU indicate da AVEVA hanno superato i test di Ricerca e Sviluppo. Tuttavia altre CPU sono state utilizzate con successo dai nostri clienti e le riportiamo di seguito come riferimento.

NOTA: le CPU utilizzate con successo ma non indicate dalla documentazione AVEVA, non hanno avuto una verifica esaustiva da parte della ricerca e sviluppo. Si raccomanda di verificare sul proprio ambiente applicativo, il completo funzionamento.

S7-1500 Software Controllers

Standard CPUs

1510SP-1 PN
1511-1 PN
1513-1 PN
1516-3 PN/DP
1517-3 PN/DP

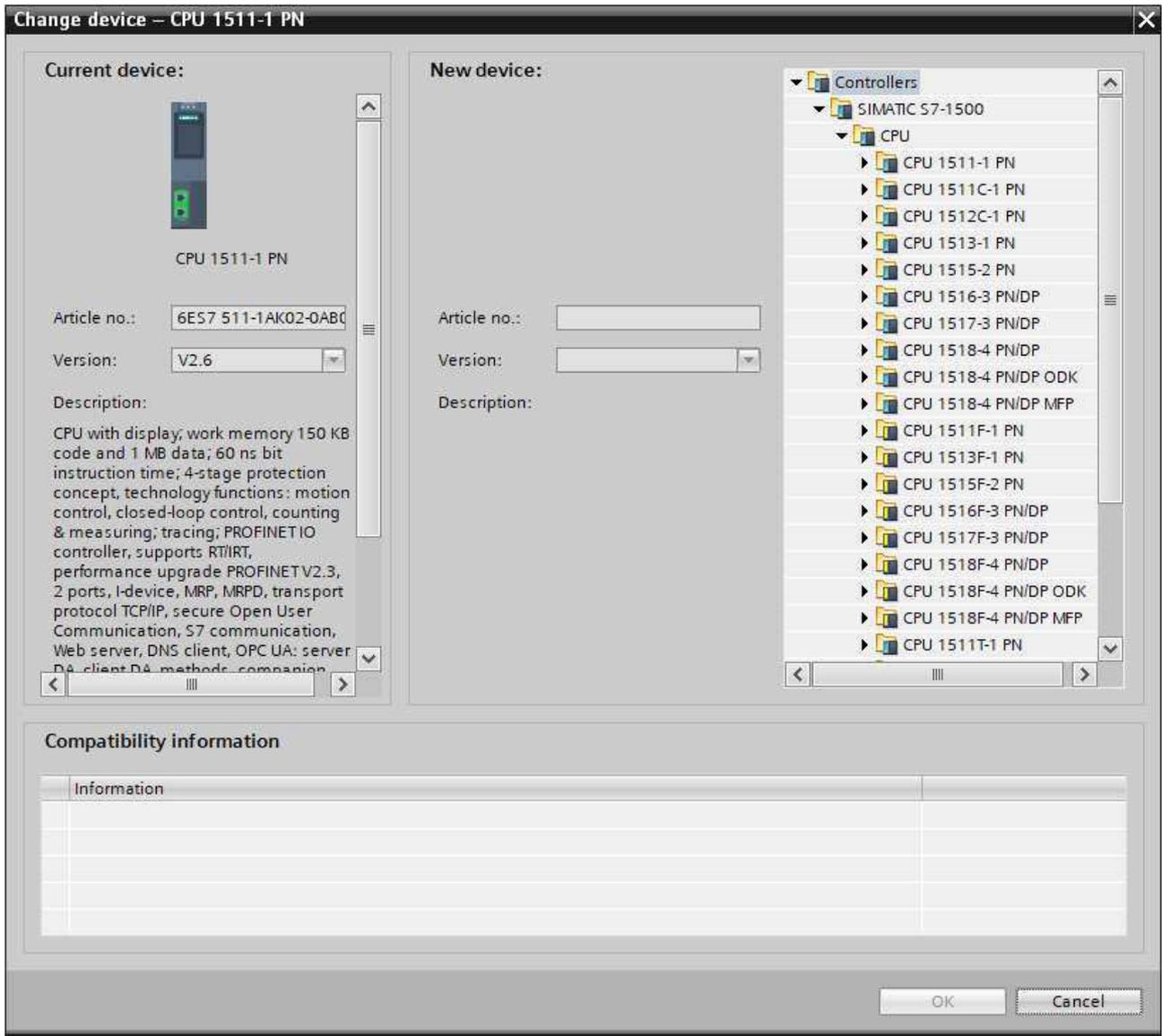
Fail-safe CPUs

1512SPF-1 PN
1515F-2 PN
1517F-3 PN/DP
1518F-4 PN/DP

MFP CPUs

1518-4 PN/DP

CPU1511-1 PN



CPU1513-1 PN

Change device – CPU 1513-1 PN

Current device:



CPU 1513-1 PN

Article no.: 6ES7 513-1AL02-0ABC

Version: V2.6

Description:
CPU with display; work memory 300 KB code and 1.5 MB data; 40 ns bit instruction time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting & measuring; tracing; PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-device, MRP, MRPD, transport protocol TCP/IP, secure Open User Communication, S7 communication, Web server, DNS client, OPC UA: server DA client, DA methods, companion

New device:

- Controllers
 - SIMATIC S7-1500
 - CPU
 - CPU 1511-1 PN
 - CPU 1511C-1 PN
 - CPU 1512C-1 PN
 - CPU 1513-1 PN
 - CPU 1515-2 PN
 - CPU 1516-3 PN/DP
 - CPU 1517-3 PN/DP
 - CPU 1518-4 PN/DP
 - CPU 1518-4 PN/DP ODK
 - CPU 1518-4 PN/DP MFP
 - CPU 1511F-1 PN
 - CPU 1513F-1 PN
 - CPU 1515F-2 PN
 - CPU 1516F-3 PN/DP
 - CPU 1517F-3 PN/DP
 - CPU 1518F-4 PN/DP
 - CPU 1518F-4 PN/DP ODK
 - CPU 1518F-4 PN/DP MFP
 - CPU 1511T-1 PN

Compatibility information

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CPU1517-3 PN/DP

Change device – CPU 1517-3 PN/DP

Current device:



CPU 1517-3 PN/DP

Article no.: 6ES7 517-3AP00-0ABC

Version: V2.1

Description:
CPU with display, work memory 2 MB code and 8 MB data; 2 ns bit instruction time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting & measuring; tracing; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-device, MRP, MRPD, transport protocol TCP/IP, secure Open User Communication, S7 communication, Web server, DNS client, OPC UA server data access, constant bus cycle time

New device:

- Controllers
 - SIMATIC S7-1500
 - CPU
 - CPU 1511-1 PN
 - CPU 1511C-1 PN
 - CPU 1512C-1 PN
 - CPU 1513-1 PN
 - CPU 1515-2 PN
 - CPU 1516-3 PN/DP
 - CPU 1517-3 PN/DP
 - CPU 1518-4 PN/DP
 - CPU 1518-4 PN/DP ODK
 - CPU 1511F-1 PN
 - CPU 1513F-1 PN
 - CPU 1515F-2 PN
 - CPU 1516F-3 PN/DP
 - CPU 1517F-3 PN/DP
 - CPU 1518F-4 PN/DP
 - CPU 1518F-4 PN/DP ODK
 - CPU 1511T-1 PN
 - CPU 1515T-2 PN
 - CPU 1517T-3 PN/DP

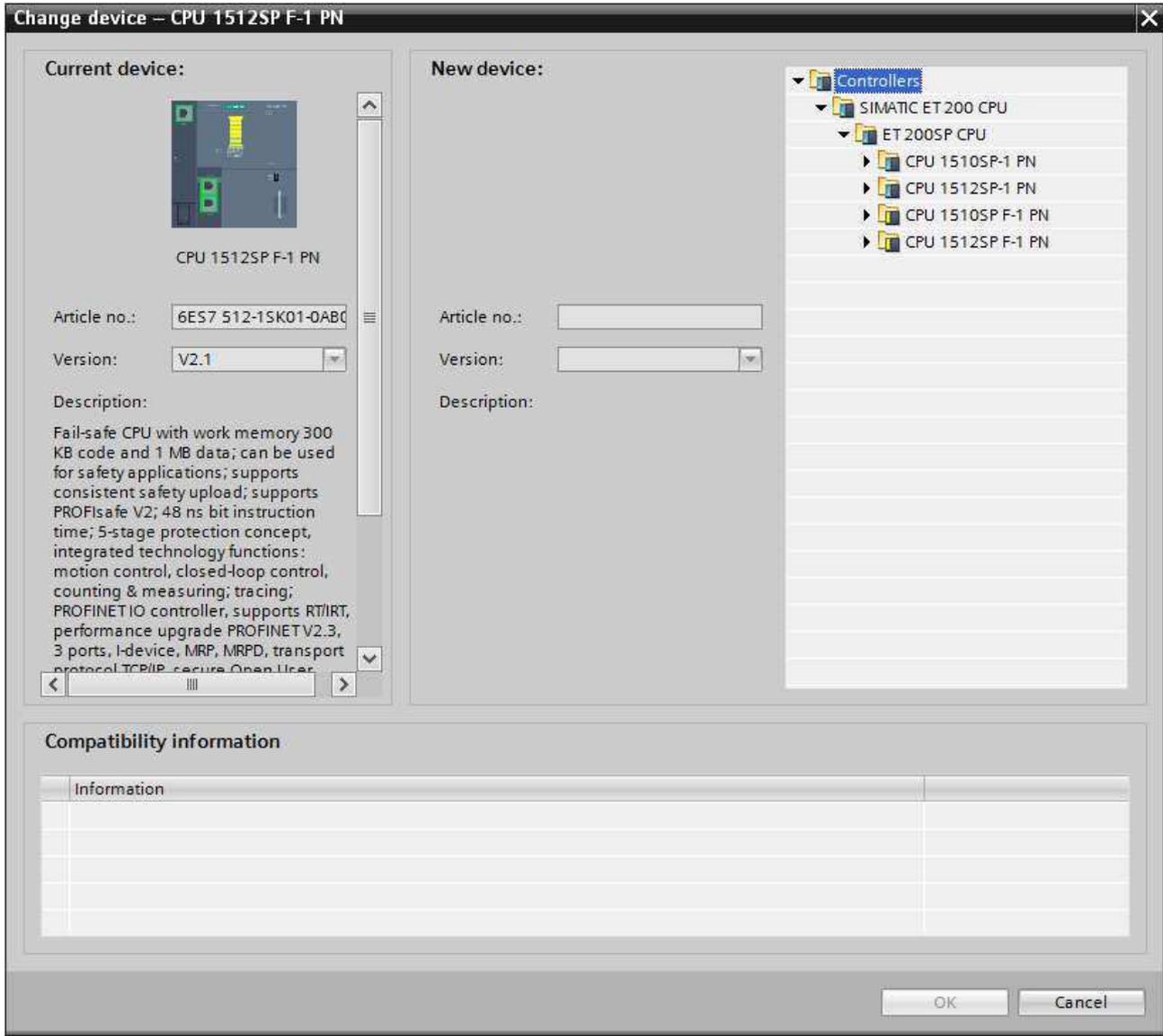
Compatibility information

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Fail-safe CPUs

CPU1512SPF-1 PN



CPU1517F-3 PN/DP

Change device – CPU 1517F-3 PN/DP

Current device:



CPU 1517F-3 PN/DP

Article no.:

Version:

Description:
Fail-safe CPU with display; work memory 3 MB code and 8 MB data; can be used for safety applications; supports consistent safety upload; supports PROFIsafe V2; 2 ns bit instruction time; 5-stage protection concept, integrated technology functions: motion control, closed-loop control, counting & measuring; tracing; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports 1-device MRP, MRPD, transport

New device:

- Controllers
 - SIMATIC S7-1500
 - CPU
 - CPU 1511-1 PN
 - CPU 1511C-1 PN
 - CPU 1512C-1 PN
 - CPU 1513-1 PN
 - CPU 1515-2 PN
 - CPU 1516-3 PN/DP
 - CPU 1517-3 PN/DP
 - CPU 1518-4 PN/DP
 - CPU 1518-4 PN/DP ODK
 - CPU 1511F-1 PN
 - CPU 1513F-1 PN
 - CPU 1515F-2 PN
 - CPU 1516F-3 PN/DP
 - CPU 1517F-3 PN/DP
 - CPU 1518F-4 PN/DP
 - CPU 1518F-4 PN/DP ODK
 - CPU 1511T-1 PN
 - CPU 1515T-2 PN
 - CPU 1517T-3 PN/DP

Article no.:

Version:

Description:

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CPU1518F-4 PN/DP

Change device – CPU 1518F-4 PN/DP

Current device:



CPU 1518F-4 PN/DP

Article no.: 6ES7 518-4FP00-0AB0

Version: V2.1

Description:
Fail-safe CPU with display; work memory 6 MB code and 20 MB data; safety applications and upload; PROFIsafe V2; 1 ns bit instruction time; 5-stage protection concept, technology functions: motion control, closed-loop control, counting & measuring; tracing; 1st interface: PROFINET IO, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-device, MRP, MRPD, transport protocol TCP/IP, secure Open User Communication, S7 communication

New device:

- Controllers
 - SIMATIC S7-1500
 - CPU
 - CPU 1511-1 PN
 - CPU 1511C-1 PN
 - CPU 1512C-1 PN
 - CPU 1513-1 PN
 - CPU 1515-2 PN
 - CPU 1516-3 PN/DP
 - CPU 1517-3 PN/DP
 - CPU 1518-4 PN/DP
 - CPU 1518-4 PN/DP ODK
 - CPU 1511F-1 PN
 - CPU 1513F-1 PN
 - CPU 1515F-2 PN
 - CPU 1516F-3 PN/DP
 - CPU 1517F-3 PN/DP
 - CPU 1518F-4 PN/DP
 - CPU 1518F-4 PN/DP ODK
 - CPU 1511T-1 PN
 - CPU 1515T-2 PN
 - CPU 1517T-3 PN/DP

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