



Documentation

ABC-CPU systems

Dongle Runtime

4/2016

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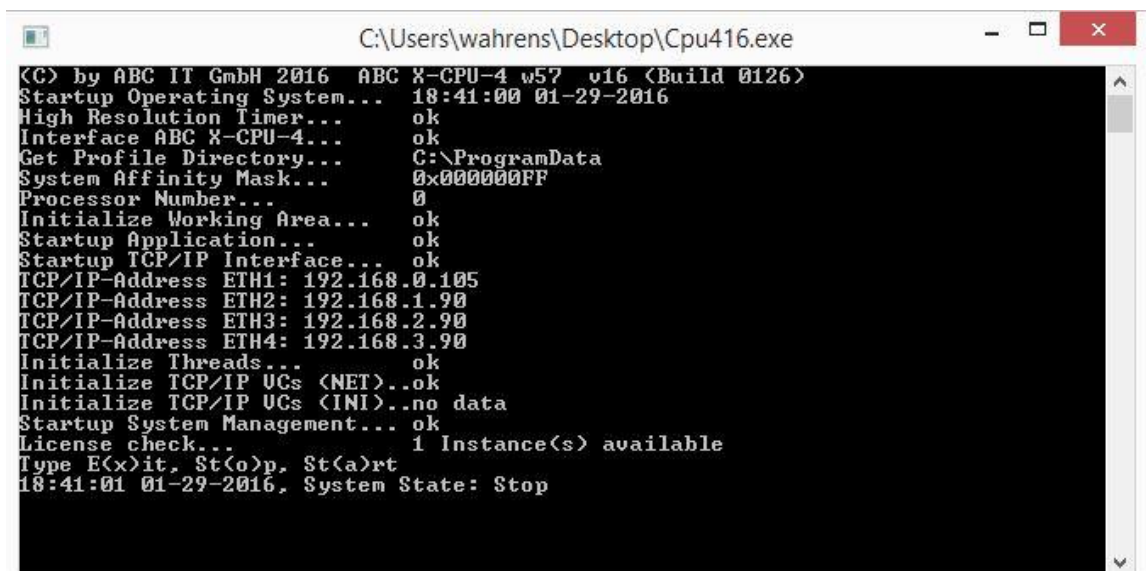
1. Introduction

1.1 ABC X-CPU-4 w57

The ABC X-CPU-4 w57 – software runs on the new Windows x86 and x64 operating systems. The software is programmed in TIA, PCS7, STEP7 and STEP5 by Siemens and is suitable as full High Feature CPU without restrictions for plant simulation and teaching.

Furthermore the software with hardware supplement (decentralized peripheral masters) can be used as non-deterministic compact controller for time critical processes.

The software is dongle protected and instantable. That means on your Windows system, several PLC systems can be operated simultaneously. For that reason you only need one dongle.

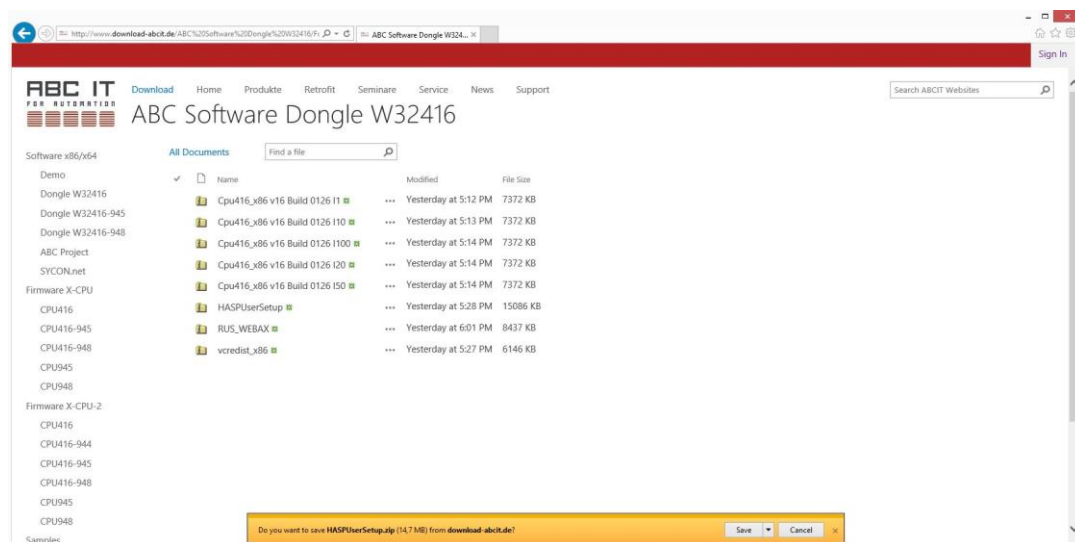
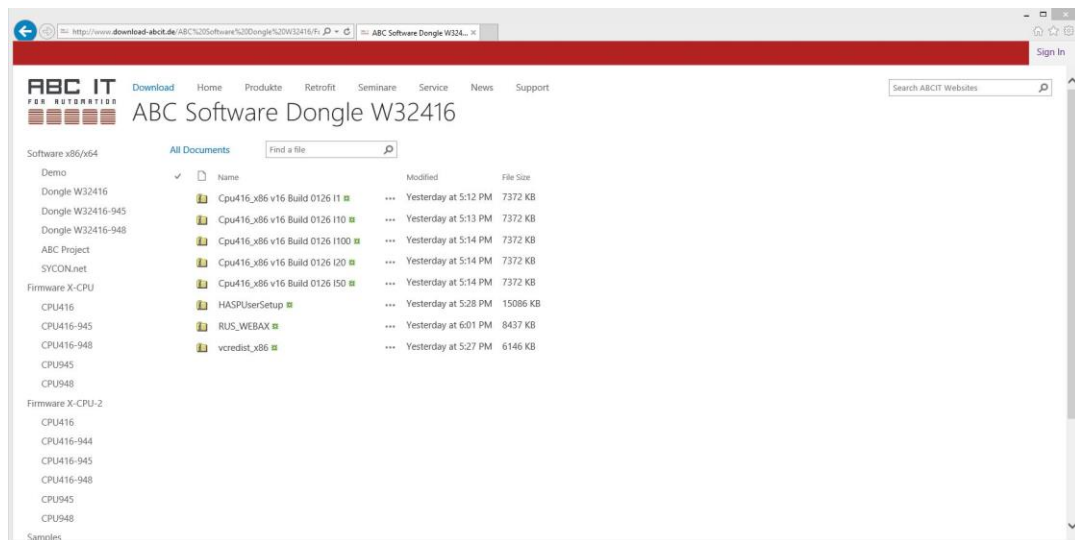


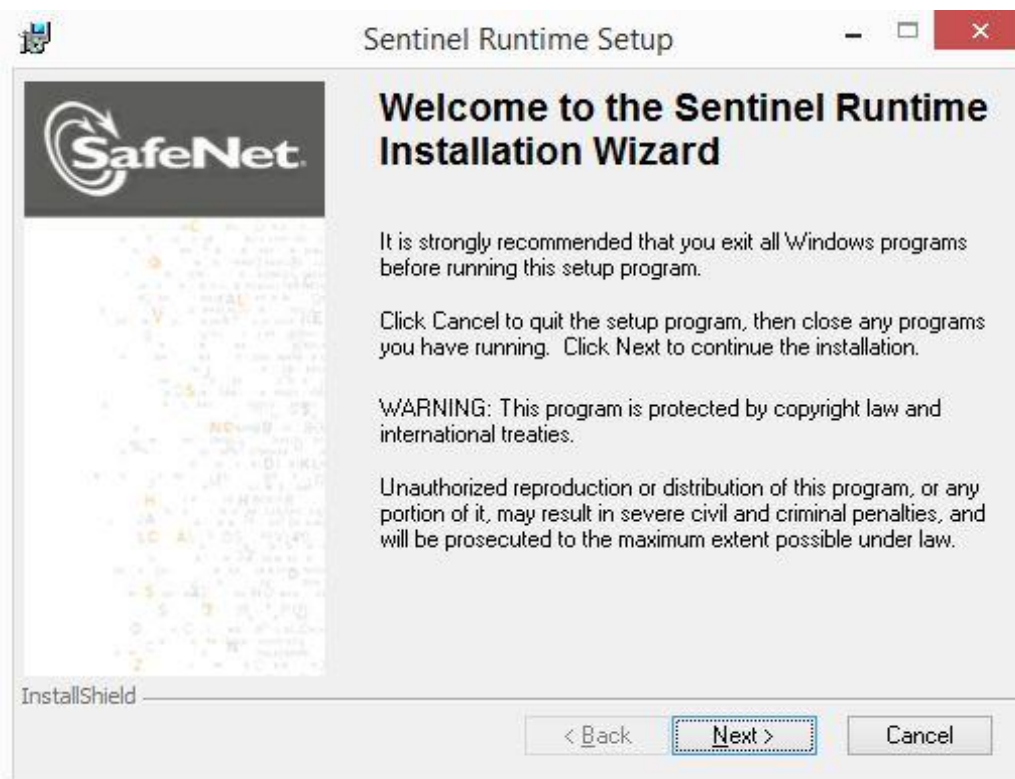
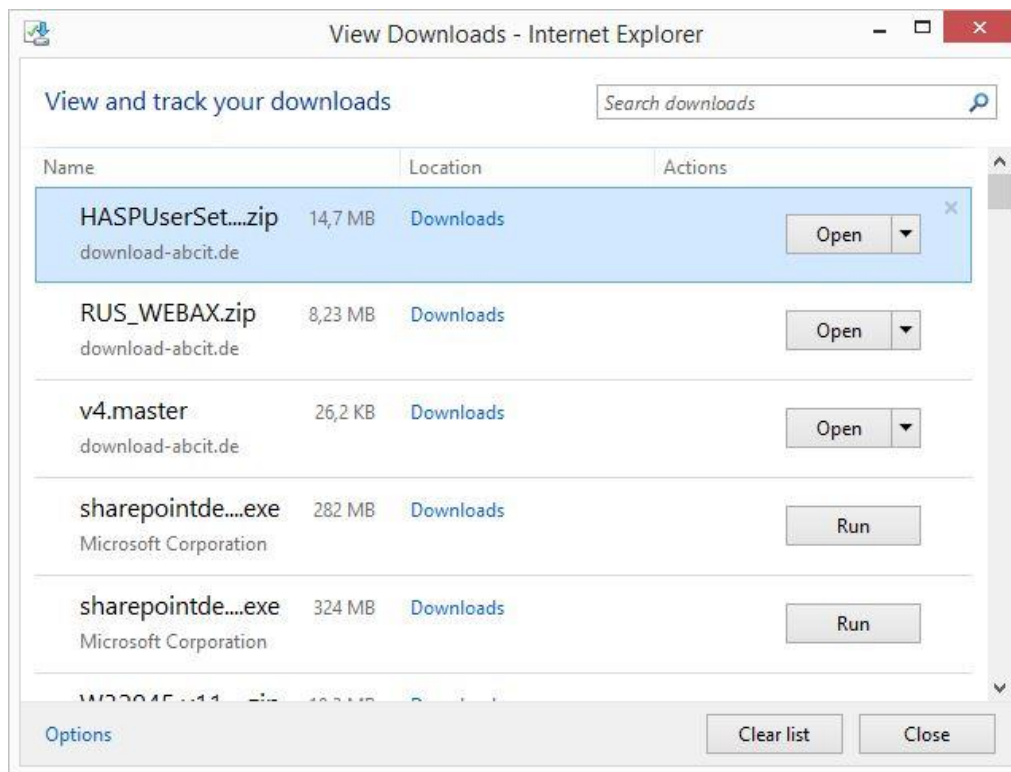
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C:\Users\wahrens\Desktop\Cpu416.exe

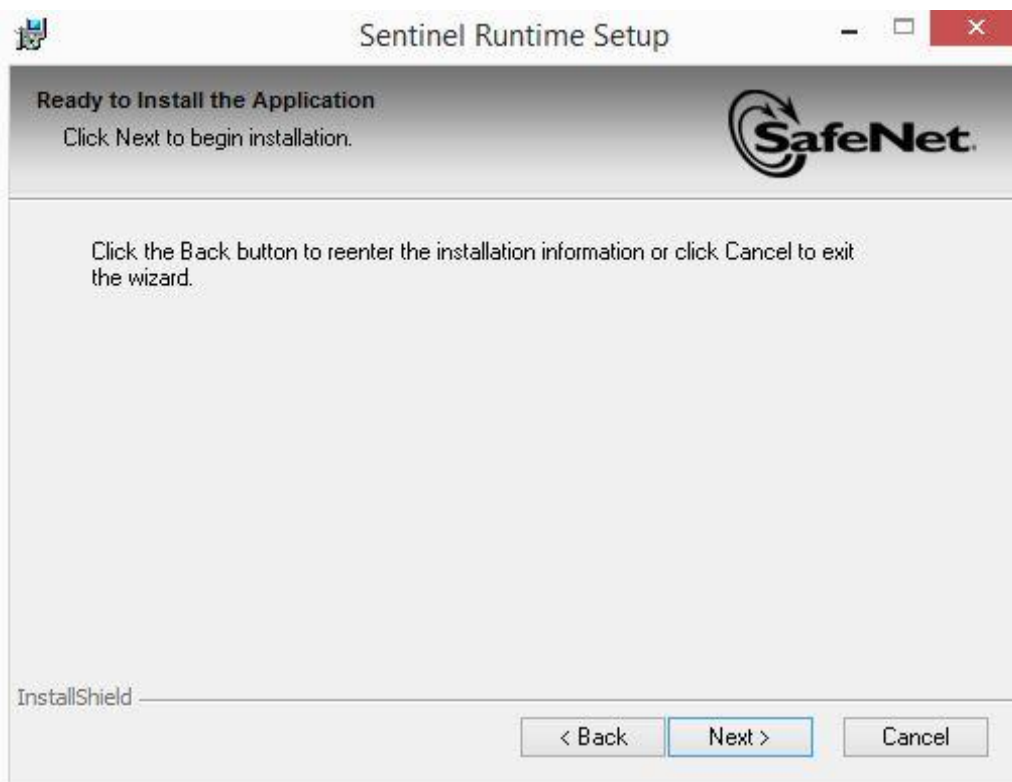
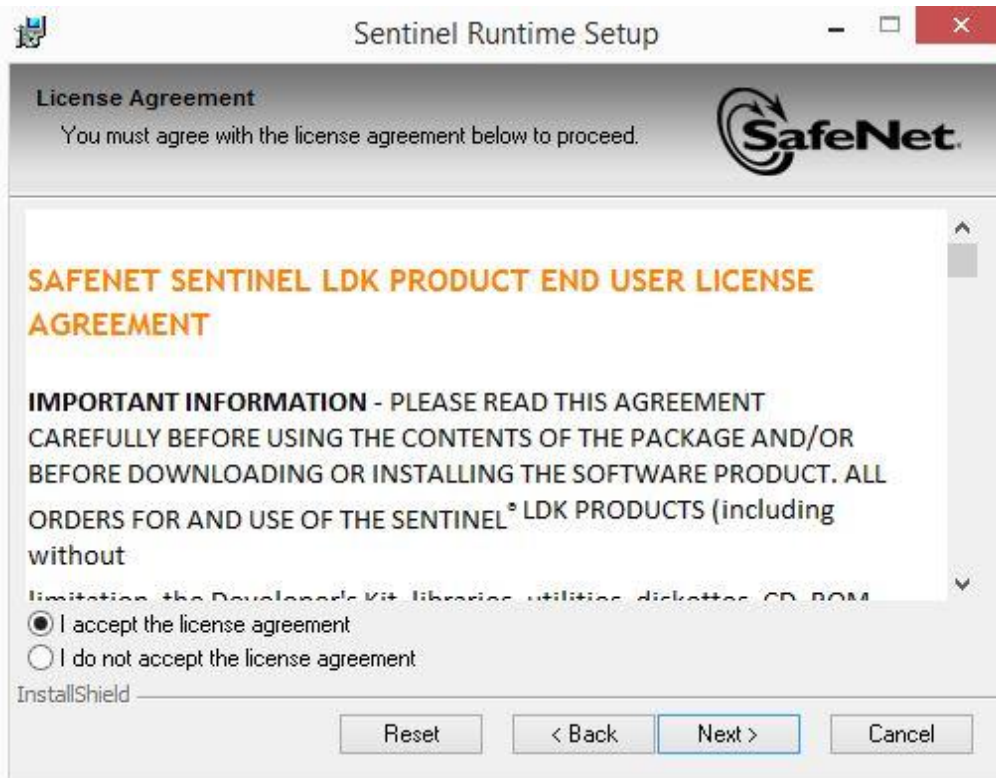
(C) by ABC IT GmbH 2016 ABC X-CPU-4 w57 v16 (Build 0126)
Startup Operating System... 18:41:00 01-29-2016
High Resolution Timer... ok
Interface ABC X-CPU-4... ok
Get Profile Directory... C:\ProgramData
System Affinity Mask... 0x000000FF
Processor Number... 0
Initialize Working Area... ok
Startup Application... ok
Startup TCP/IP Interface... ok
TCP/IP-Address ETH1: 192.168.0.105
TCP/IP-Address ETH2: 192.168.1.90
TCP/IP-Address ETH3: 192.168.2.90
TCP/IP-Address ETH4: 192.168.3.90
Initialize Threads... ok
Initialize TCP/IP UCs (NET)...ok
Initialize TCP/IP UCs (INI)...no data
Startup System Management... ok
License check... 1 Instance(s) available
Type E(x)it, St(o)p, St(a)rt
18:41:01 01-29-2016, System State: Stop
```

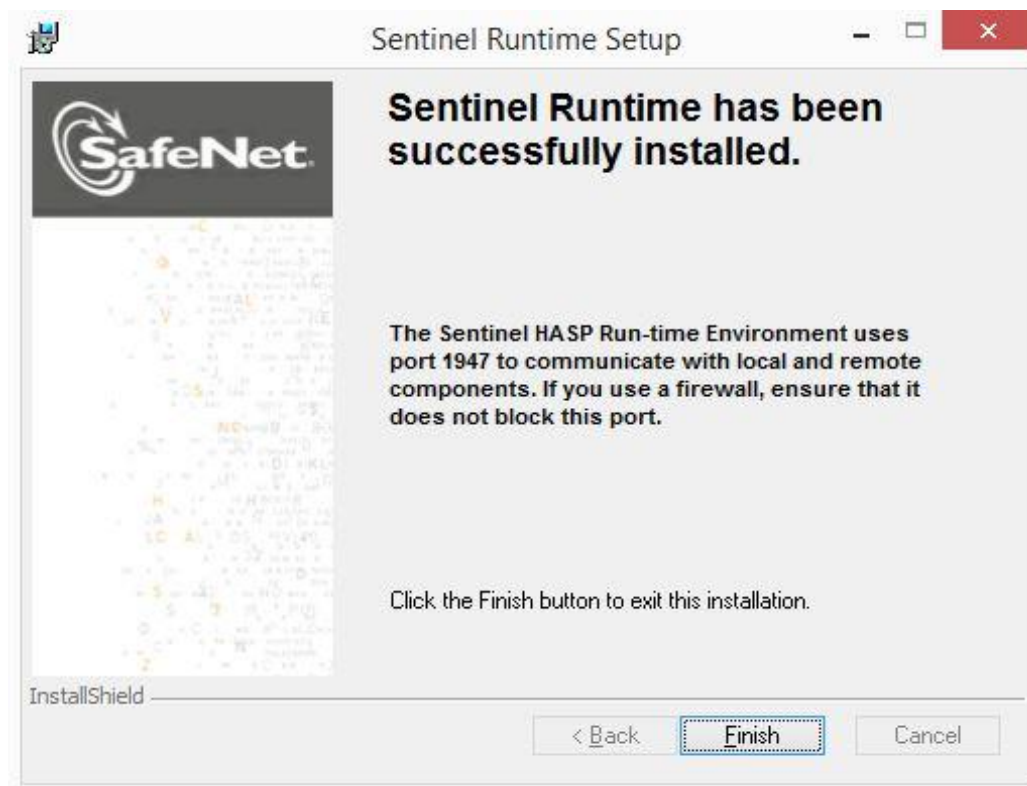
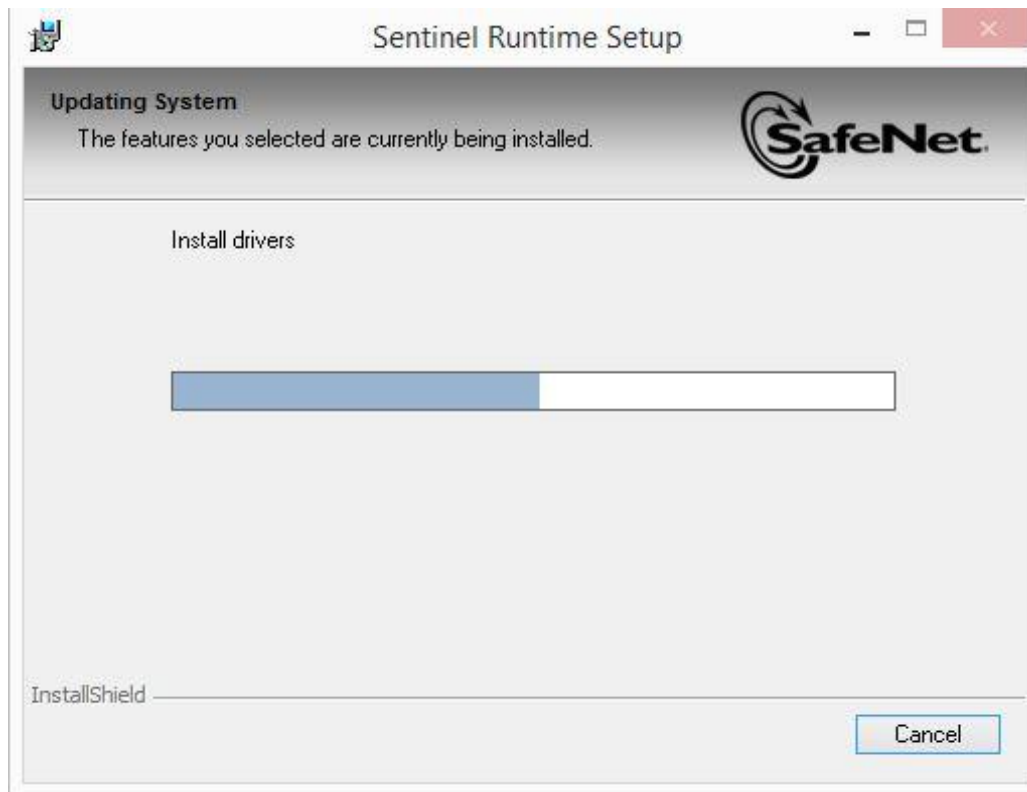
2. Dongle Runtime

2.1 HASPUserSetup Installation

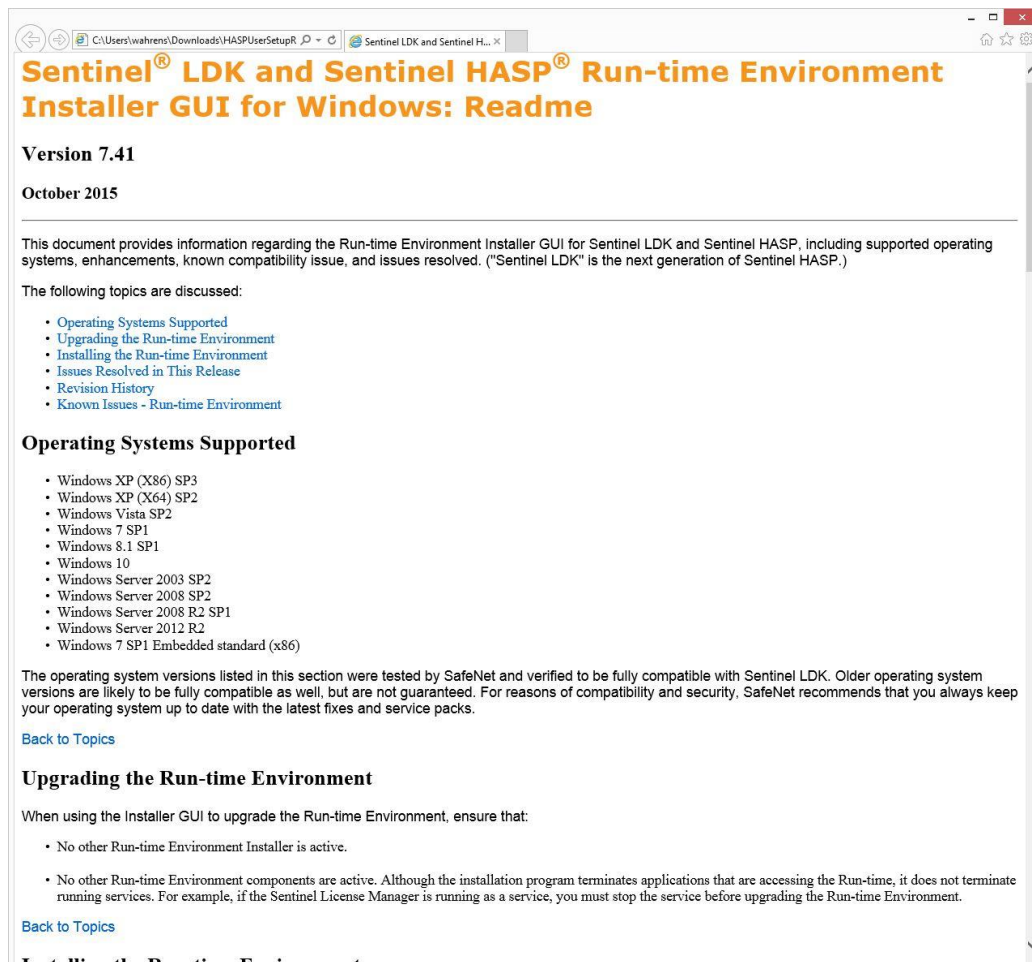








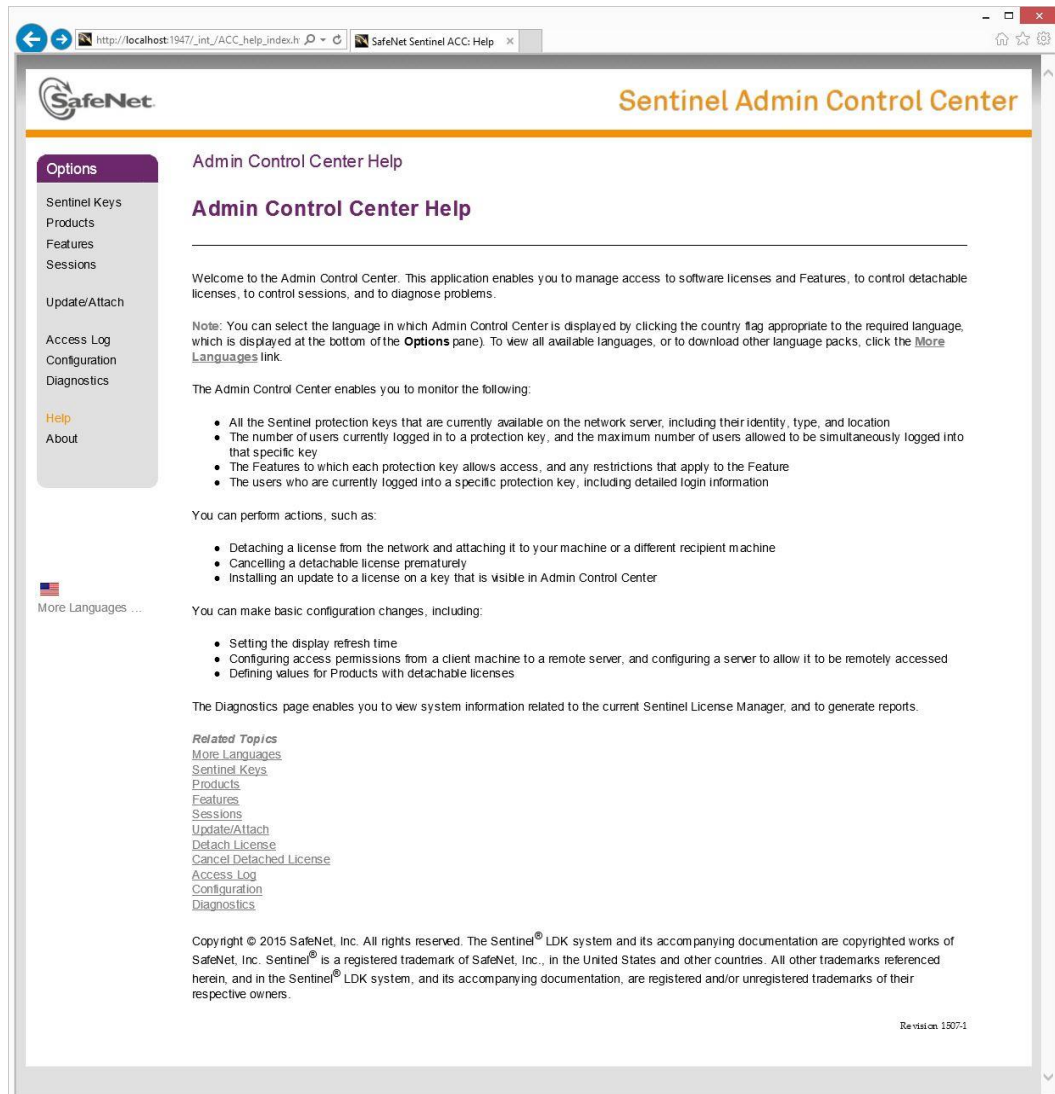
2.2 HASPUserSetup Readme



2.3 Admin Control Center (ACC)

The ACC is opened with a web browser of your choice.

<http://localhost:1947>



Sentinel Admin Control Center

Options

Sentinel Keys

Products

Features

Sessions

Update/Attach

Access Log

Configuration

Diagnostics

Help

About

Sentinel Keys Available on ABCIT-WKS604

#	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions
1	Local	86797	1013072378	HASP HL Pro	-	3.25	-	Products Features Sessions Blink on

More Languages ...

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Sentinel Admin Control Center

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Products Available on ABCIT-WKS604

#	Product Name	Vendor	Location	Actions
1	ABC X-CPU-4 w57 (STEP7, PCS7, TIA) 11	86797	Local	Features

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Sentinel Admin Control Center

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Features Available on ABCIT-WKS604

#	Vendor	Key	Product	Feature	Location	Access	Counting	Logins	Limit	Detached	Restrictions	Sessions	Actions
1	86797	1013072378	-	0	Local	Loc	Station	-	∞	-	Perpetual	-	Sessions
2	86797	1013072378	2 ABC X-CPU-4 w57 (STEP7, PCS7, TIA) I1	100 v17_S_7_I1	Local	Loc	Station	-	∞	-	Perpetual	-	Sessions

More Languages ...

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Sentinel Admin Control Center

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Sessions on ABCIT-WKS604, Key 1013072378, Feature 100, Product 2

ID	Key	Location	Product	Feature	Address	User	Machine	Login Time	Timeout	Actions
00000001	1013072378	Local	2 ABC X-CPU-4 w57 (STEP7, PCS7, TIA) I1	100 v17_S_7_I1	Local	wahrens	ABCIT-WKS604:5792	Sat Jan 30, 09:03:19	11:59:24	Disconnect

More Languages ...

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