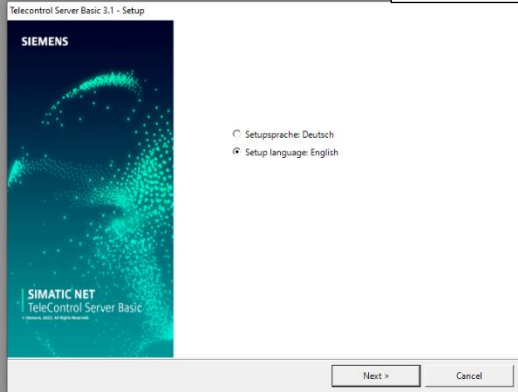




Telecontrol Server Basic V3.1

TCSB V3.1.1 upgrade steps do not require TCSB database server password.





Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup

Program packages
Select the package that best suits your needs.

Folder	Package Name	Description
Server PC	<input checked="" type="checkbox"/> Telecontrol Server Basic 3.1.1.0	Select a package to obtain more information.
Client PC	<input type="checkbox"/> Client PC Telecontrol Server Basic 3.1.1.0	

< Back Next > Cancel



Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup

Programs
Programs to be installed

Folder	Program Name	Description
Server PC	<input checked="" type="checkbox"/> Telecontrol Server Basic 3.1.1.0	Select a product to obtain information about it.
Tools	<input checked="" type="checkbox"/> Automation License Manager V6.0 + SP9 + Upd3	
Tools	<input checked="" type="checkbox"/> SQL Server 2019 Express	

Required: 2582 MB

Help < Back Next > Cancel



Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup

System settings
The following system settings will be changed on this computer.

The following user groups will be created
SIMATIC NET (SIMATIC NET Group)

The following firewall settings will be modified

- DCOM
 - TCP port 135 Open
 - Network access range: Subnet
- HTTP Port
 - TCP port 80 Open
 - Network access range: Subnet
- HTTPS port
 - TCP port 443 Open
 - Network access range: Subnet
- OPC UA discovery Port
 - TCP port 4840 Open
 - Network access range: All computers
- TCSB Core Server Port
 - TCP port 4852 Open
 - Network access range: Subnet
- TCSB DB Synchronization Port
 - TCP port 8000 Open
 - Network access range: Subnet
- TCSB Syncframework Port
 - TCP port 8000 Open
 - Network access range: Subnet

I accept the change to the system settings.

Print Save as < Back Next > Cancel



Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup

- VC++ 2010 Redistributable - x86 **Installing...**
- VC++ 2010 Redistributable - x64
- VC++ 2015-2022 Redistributable - x86
- VC++ 2015-2022 Redistributable - x64
- VC++ 2015 Redistributable - x64
- OPC UA Local Discovery Server V1.04
- Automation License Manager V6.0 - SP9 - Upd3
- SQL Server 2019 Express
- Telecontrol Server Basic 3.1.1.0
- Change User Rights 3.0

Cancel



Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup

- VC++ 2010 Redistributable - x86
- VC++ 2010 Redistributable - x64
- VC++ 2015-2022 Redistributable - x86
- VC++ 2015-2022 Redistributable - x64
- VC++ 2015 Redistributable - x64
- CPC UA Local Discovery Server V1.04
- Automation License Manager V6.0 - SP9 - Upd3
- SQL Server 2019 Express**
- Telecontrol Server Basic 3.1.1.0
- Change User Rights 3.0

Installing...

SQL Server 2014

Please wait while Microsoft SQL Server 2014 Setup processes the current operation.

Cancel



Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup

- VC++ 2010 Redistributable - x86
- VC++ 2010 Redistributable - x64
- VC++ 2015-2022 Redistributable - x86
- VC++ 2015-2022 Redistributable - x64
- VC++ 2015 Redistributable - x64
- CPC UA Local Discovery Server V1.04
- Automation License Manager V6.0 - SP9 - Upd3
- SQL Server 2019 Express**
- Telecontrol Server Basic 3.1.1.0
- Change User Rights 3.0

Installing...

SQL Server 2019

Please wait while Microsoft SQL Server 2019 Setup processes the current operation.

Cancel



Telecontrol Server Basic V3.1

Remove SQL Server 2014

Removal Progress

Removal Progress

SqlEngineConfigAction_remove_validation_Cpu32

Next > Cancel Help



Telecontrol Server Basic V3.1

SQL Server 2019 Setup

Install Setup Files

If an update for SQL Server Setup is found and specified to be included, the update will be installed.

Install Setup Files

Installation Progress

Task	Status
Install Setup files	In Progress

< Back Next > Cancel



Telecontrol Server Basic V3.1

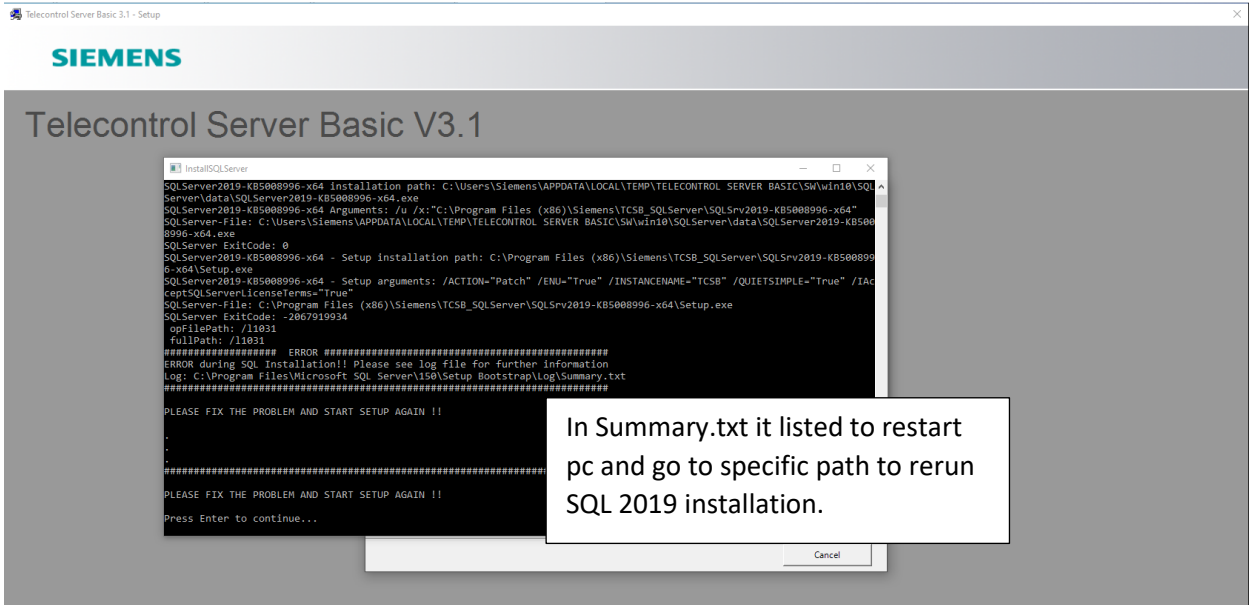
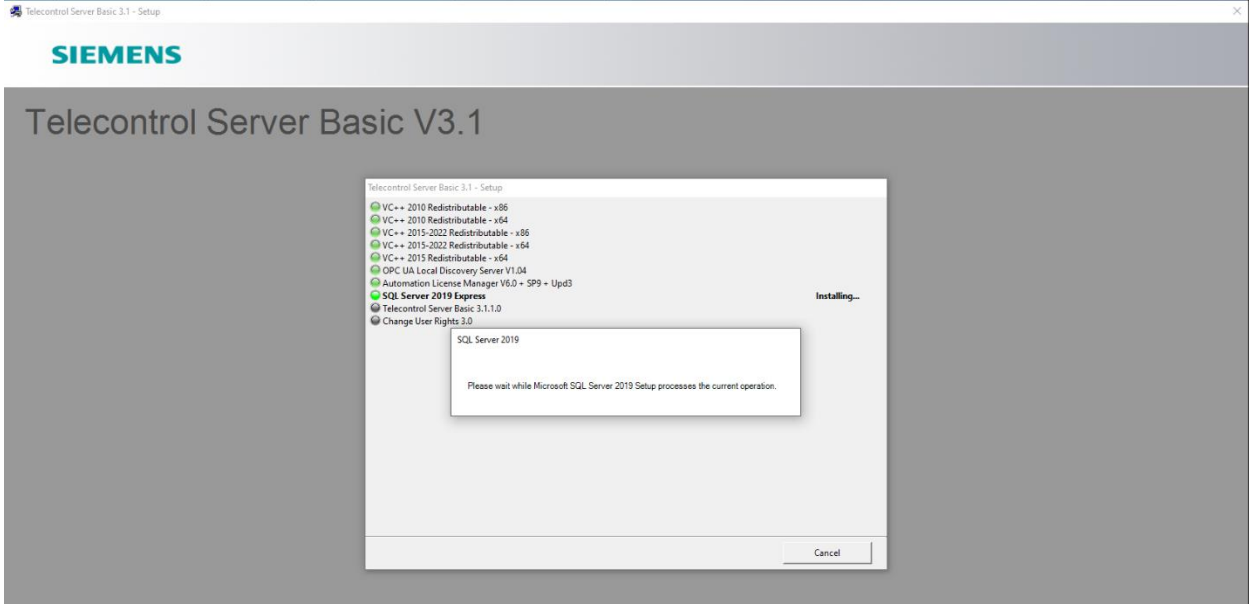
SQL Server 2019 Setup

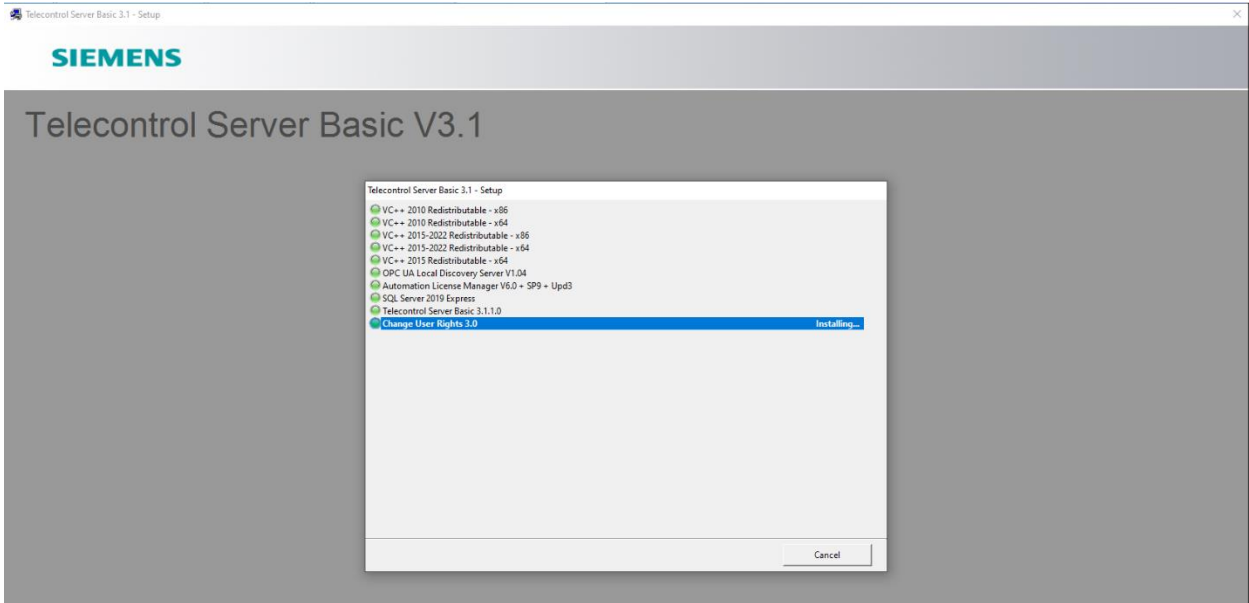
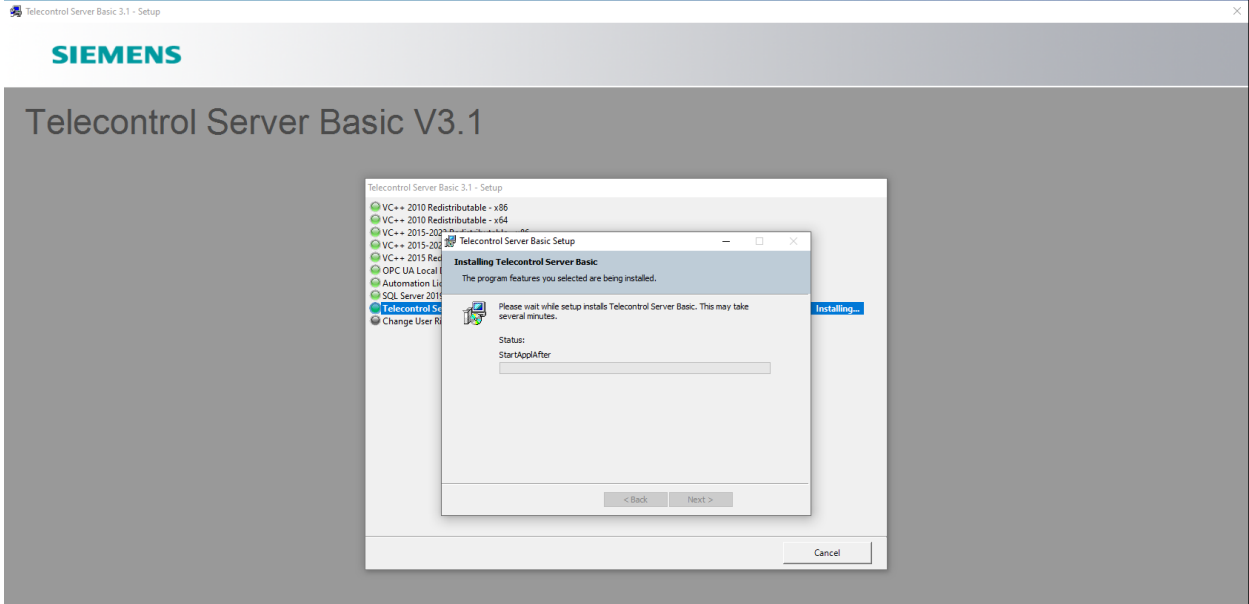
Installation Progress

Installation Progress

Install_sql_diag_Cpu64_Action : PublishProduct. Publishing product information

Next > Cancel







Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup

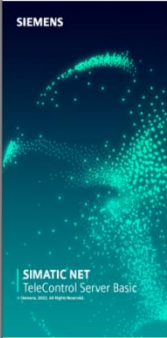
- VC++ 2010 Redistributable - x86
- VC++ 2010 Redistributable - x64
- VC++ 2015-2022 Redistributable - x86
- VC++ 2015-2022 Redistributable - x64
- VC++ 2015 Redistributable - x64
- OPC UA Local Discovery Server V1.04
- Automation License Manager V6.0 - SP9 - Upd3
- SQL Server 2019 Express
- Telecontrol Server Basic 3.1.1.0
- Change User Rights 3.0 Installing...

Cancel



Telecontrol Server Basic V3.1

Telecontrol Server Basic 3.1 - Setup



Setup has successfully installed and configured the software on your computer.

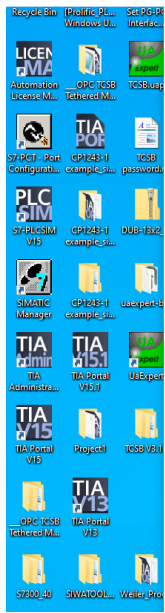
You can find information in the "readme" file.

The computer has to be restarted. Setup can restart the computer now, or you can do it yourself later.

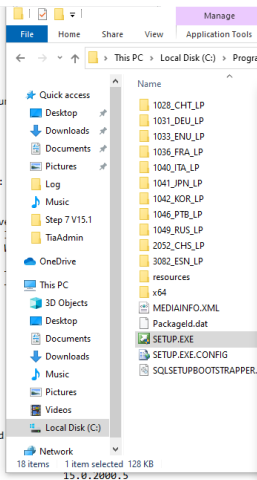
Yes, restart the computer now.
 No, the computer will be restarted later.

Setup is finished.

Finish



SQL message:
Start time:
End time:
Requested action:
Machine Properties:
Machine name:
Machine processor cou
OS version:
OS service pack:
OS region:
OS language:
OS architecture:
Process architecture:
OS clustered:
Product features discov
Product:
SQL Server 2014
SQL Server 2014
SQL Server 2019
SQL Server 2019
Package properties:
Description:
Product name:
Type:
Version:
SP Level:
KB Article:
KB Article hyperlink:
Patch type:
Associated hotfix build
Platform:
Patch level:
Product version:
GDR reserved range:
Installation location:
Updated product edition:
Instance Edition
TCSB Express
User Input Settings:
ACTION: Patch
All INSTANCES: false



Install a SQL Server 2019 update

License Terms

To install the update, you must accept the license terms.

SQL Server 2019 update
License Terms
Select Features
Check Files in Use
Ready to update
Update Progress
Complete

I accept the license terms and [Privacy Statement](#)

PLEASE NOTE: Refer to your license terms for Microsoft SQL Server 2019 software (the "software") to identify the entity licensing this supplement to you and for support information. You may use a copy of this supplement with each validly licensed copy of the software. You may not use the supplement if you do not have a license for the software. The license terms for the software apply to your use of this supplement.

Notice: A paid SQL Server edition product key has been provided for the current action. Please ensure you are entitled to this SQL Server edition with proper licensing in place for the product key (edition) supplied.

SQL Server transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the [documentation](#).

< Back Next > Cancel

Re-running SQL 2019 installation after reboot

SQL Server 2019 - KB5008996 - x64

Machine Properties:

Machine name: **SQLSRV2019-KB5008996-x64**
 Machine processor count: 16
 OS version: 10.0.17134.1
 OS service pack: **OS**
 OS region: **USA**
 OS language: **English (United States)**
 OS architecture: **x64**
 Process architecture: **x64**
 OS clustered: **No**

Product features discovered:

Product: **SQL Server 2019**
 SQL Server 2014
 SQL Server 2014
 SQL Server 2019
 SQL Server 2019

Package properties:

Description: **SQL Server 2019**
 Product name: **SQLSRV2019-KB5008996-x64**
 Type: **Application**
 Version: **15.0.2000.5**
 SP level: **5**
 KB article: **KB5008996**
 KB article hyperlink: **https://support.microsoft.com/help/4020083/microsoft-sql-server-2019-kb5008996-x64**
 Patch type: **Update**
 Associated hotfix build: **15.0.2000.5**
 Platform: **x64**
 Patch level: **5**
 Product version: **15.0.2000.5**
 GDR reserved range: **15.0.2005.0;15.0.2010.0**
 Installation location: **C:\Program Files (x86)\Siemens\TCSB\SQLServer\SQLSRV2019-KB5008996-x64**

Updated product edition:

Instance: **TCSB**
 Edition: **Express**

User Input Settings:

ACTION: **Patch**
 AI INSTAMCFS: **false**

SQLSRV2019-KB5008996-x64

Requested action: **Patch**

Start time: **12/15/2020 10:00:00 AM**
 End time: **12/15/2020 10:00:00 AM**
 Requested action: **Patch**

Files in use check completed.

Process	Type	Account	ProcessID
TCS Basic TCM Service	Service	NT AUTHORITY\SYSTEM	8144
WmiPrvSE.exe	Application	NT AUTHORITY\SYSTEM	5256

The "TCS Basic TCM Service" service is not controlled by the update wizard. You have to manually stop this service to avoid a computer restart.

SQL Server 2019 - KB5008996 - x64

Machine Properties:

Machine name: **SQLSRV2019-KB5008996-x64**
 Machine processor count: 16
 OS version: 10.0.17134.1
 OS service pack: **OS**
 OS region: **USA**
 OS language: **English (United States)**
 OS architecture: **x64**
 Process architecture: **x64**
 OS clustered: **No**

Product features discovered:

Product: **SQL Server 2019**
 SQL Server 2014
 SQL Server 2014
 SQL Server 2019
 SQL Server 2019

Package properties:

Description: **SQL Server 2019**
 Product name: **SQLSRV2019-KB5008996-x64**
 Type: **Application**
 Version: **15.0.2000.5**
 SP level: **5**
 KB article: **KB5008996**
 KB article hyperlink: **https://support.microsoft.com/help/4020083/microsoft-sql-server-2019-kb5008996-x64**
 Patch type: **Update**
 Associated hotfix build: **15.0.2000.5**
 Platform: **x64**
 Patch level: **5**
 Product version: **15.0.2000.5**
 GDR reserved range: **15.0.2005.0;15.0.2010.0**
 Installation location: **C:\Program Files (x86)\Siemens\TCSB\SQLServer\SQLSRV2019-KB5008996-x64**

Updated product edition:

Instance: **TCSB**
 Edition: **Express**

User Input Settings:

ACTION: **Patch**
 AI INSTAMCFS: **false**

SQLSRV2019-KB5008996-x64

Requested action: **Patch**

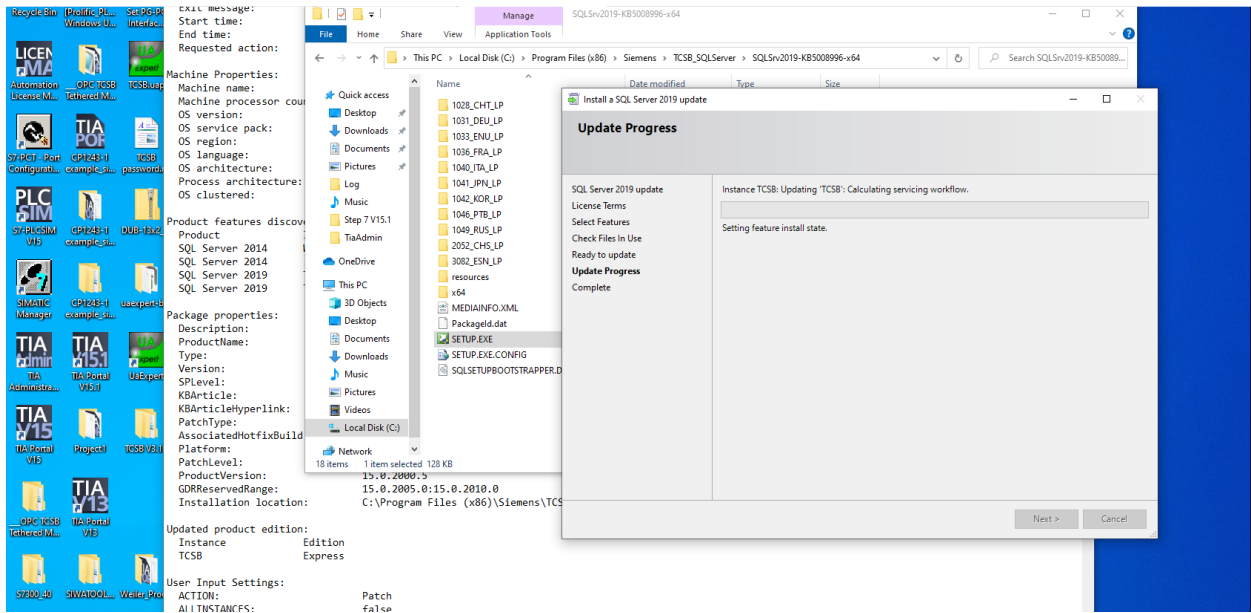
Start time: **12/15/2020 10:00:00 AM**
 End time: **12/15/2020 10:00:00 AM**
 Requested action: **Patch**

Ready to update

Verify the list of features to be updated.

- Summary
 - Action: Patch
 - General Configuration
 - TCSB
 - Features
 - Database Engine Services
 - SQL Server Replication
 - Attributes
 - Language: English - United States
 - Edition: Express
 - Patch Level: 15.0.2000.5
 - Processor Type: x64
 - Service Pack: Upgrade Status: Not installed.
 - Shared Features
 - Features
 - SQL Client Connectivity SDK
 - Attributes

Configuration file path:



SQL Server 2019 - KB5008996 - x64

Machine Properties:

Machine name: [redacted]
 Machine processor count: [redacted]
 OS version: [redacted]
 OS service pack: [redacted]
 OS region: [redacted]
 OS language: [redacted]
 OS architecture: [redacted]
 Process architecture: [redacted]
 OS clustered: [redacted]

Product features discovered:

Product: [redacted]
 SQL Server 2014
 SQL Server 2014
 SQL Server 2019
 SQL Server 2019

Package properties:

Description: [redacted]
 ProductName: [redacted]
 Type: [redacted]
 Version: [redacted]
 SPLevel: [redacted]
 KBArticle: [redacted]
 KBArticleHyperlink: [redacted]
 PatchType: [redacted]
 AssociatedHotfixBuild: [redacted]
 Platform: [redacted]
 PatchLevel: [redacted]
 ProductVersion: [redacted]
 GDRReservedRange: [redacted]
 Installation location: C:\Program Files (x86)\Siemens\TCSB

Updated product edition:

Instance: TCSB
 Edition: Express

User Input Settings:

ACTION: Patch
 AIINSTAMCFS: false

Requested action: [redacted]

File Explorer: This PC > Local Disk (C:) > Program Files (x86) > Siemens > TCSB_SQLServer > SQLSrv2019-KB5008996-x64

Install a SQL Server 2019 update

Complete

Your SQL Server 2019 update operation is complete.

Information about the Setup operation or possible next steps:

Feature	Status
Database Engine Services (TCSB)	Succeeded
SQL Server Replication (TCSB)	Succeeded
SQL Browser (TCSB)	Succeeded

Computer restart required

One or more affected files have operations pending. You must restart your computer after the setup process is completed.

Summary log file has been saved to the following location:
 C:\Program Files\Microsoft SQL Server\150\Setup Bootstrap\Log\20230403_121511\Summary_DESKTOP-EP48HHT_20230403_121511.txt

SQL Server 2019 - KB5008996 - x64

Machine Properties:

Machine name: [redacted]
 Machine processor count: [redacted]
 OS version: [redacted]
 OS service pack: [redacted]
 OS region: [redacted]
 OS language: [redacted]
 OS architecture: [redacted]
 Process architecture: [redacted]
 OS clustered: [redacted]

Product features discovered:

Product: [redacted]
 SQL Server 2014
 SQL Server 2014
 SQL Server 2019
 SQL Server 2019

Package properties:

Description: [redacted]
 ProductName: [redacted]
 Type: [redacted]
 Version: [redacted]
 SPLevel: [redacted]
 KBArticle: [redacted]
 KBArticleHyperlink: [redacted]
 PatchType: [redacted]
 AssociatedHotfixBuild: [redacted]
 Platform: [redacted]
 PatchLevel: [redacted]
 ProductVersion: [redacted]
 GDRReservedRange: [redacted]
 Installation location: C:\Program Files (x86)\Siemens\TCSB

Updated product edition:

Instance: TCSB
 Edition: Express

User Input Settings:

ACTION: Patch
 AIINSTAMCFS: false

Requested action: [redacted]

File Explorer: This PC > Local Disk (C:) > Program Files (x86) > Siemens > TCSB_SQLServer > SQLSrv2019-KB5008996-x64

Install a SQL Server 2019 update

Complete

Your SQL Server 2019 update operation is complete.

Information about the Setup operation or possible next steps:

Feature	Status
Database Engine Services (TCSB)	Succeeded
SQL Server Replication (TCSB)	Succeeded
SQL Browser (TCSB)	Succeeded
SQL Writer (TCSB)	Succeeded
Setup Support Files (TCSB)	Succeeded

Summary log file has been saved to the following location:
 C:\Program Files\Microsoft SQL Server\150\Setup Bootstrap\Log\20230403_121511\Summary_DESKTOP-EP48HHT_20230403_121511.txt