

SKF Microlog Sync



Installation Guide

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Patents: US 4,768,380 • US 5,633,811 • US 5,679,900 • US 5,845,230 • US 5,852,351 • US 5,854,553 • US 5,854,994 • US 5,870,699 • US 5,907,491 • US 5,992,237 • US 6,006,164 • US 6,124,692 • US 6,138,078 • US 6,199,422 • US 6,202,491 • US 6,275,781 • US 6,301,514 • US 6,437,692 • US 6,489,884 • US 6,513,386 • US 6,633,822 • US 6,789,025 • US 6,792,360 • US 7,103,511 • US 7,697,492 •

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1 General product information

General information such as product user manuals and catalogues are published on the <u>Condition Monitoring Products</u> site on SKF.com. General product information can also be downloaded from the self-service web portal at <u>SKF.com/cm/TSG</u>.

2 Product support contact information

<u>Technical Support</u> – SKF's Technical Support Group can be reached during normal business hours via phone, e-mail, and live chat. Always check the <u>self-service web</u> <u>portal</u> before contacting your nearest Technical Support Group (TSG) to see if the answer is already published. You may search the vast knowledgebase within the self-service web portal for answers to commonly-asked questions (FAQ), how-to articles, technical specs, installation and user manuals, best practices and more.

Open a support ticket online now using our support request tool.

Customers in Europe, Middle East, and Africa:

- Phone: +46 31 337 6500
- E-Mail: <u>TSG-EMEA@skf.com</u>
- Chat: www.skf.com/cm/tsg

Customers in the Americas, Asia, and all other locations:

- Phone: 1-858-496-3627 or toll-free (USA) 1-800-523-7514
- E-Mail: <u>TSG-Americas@skf.com</u>
- Chat: <u>www.skf.com/cm/tsg</u>



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Software installation

1 SKF Microlog Sync installation guide

This guide is a short description how to install SKF Microlog Sync. SKF Microlog Sync enables the SKF Microlog Analyzer to synchronise data with SKF Enlight Centre.

1.1 Software installation

For information about software version or hardware requirements see **Section 2 Product support contact information**.

1 Locate the installation file and double click on the file to initialise the installation process.



Figure 1 – Installation file

2 After the installation process has been initialised, a Welcome screen appears. Click **Install**.



Figure 2 – SKF Microlog Sync setup



Software installation

3 A pop-up window is displayed: 'Do you want to allow the following program to make changes to this computer?' Click **Yes**.

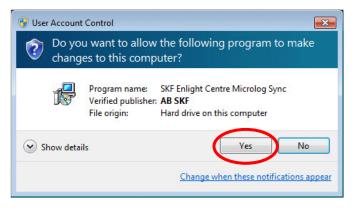


Figure 3 – Pop-up window

4 A progress bar for the Setup Progress is displayed. At the same time the Setup Wizard window is displayed. Click **Next** to continue.



Figure 4 – Setup progress and setup wizard

SKF MICROLOG SYNC INSTALLATION GUIDE



Software installation

5 The End-User License Agreement window is displayed. Carefully read the license agreement. If you do not agree with the terms of the license agreement, click **Cancel** to abort the installation. If you agree with the terms, select *'I accept the terms in the License Agreement'* and click **Next** to continue.



Figure 5 – End-User License Agreement

6 The Network Settings window is displayed. Enter valid parameters provided by SKF and click **Next** to continue.

😸 SKF Enlight Centre Microlog Sync Setup	×	👹 SKF Enlight Centre Microlog Sync Setup	×
Network Settings Please refer to the SKF Instructions you received.	iKF	Network Settings Please refer to the SKF instructions you received.	٢F
Enlight Centre Server LIRL:		Enlight Centre Server URL: https://marine.enlight.skf.com/EnlightHub	j
Your SKF Installation ID:		Your SKF Installation ID: TESTSHIP	j
Microlog Sync Service Port: 8085		Microlog Sync Service Port: 8085	
Proxy Url (Leave empty if not used)		Proxy Url (Leave empty if not used)	j
Proxy Username (Leave empty if not used)		Proxy Username (Leave empty if not used)	j
Proxy Password (Leave empty if not used)	_	Proxy Password (Leave empty if not used)]
Back Next	Cancel	Back Next 0	Cancel

Figure 6 - Network Settings window - Example of settings



7 Click **Install** to begin the installation. Click **Back** to review or change any of your installation settings. Click **Cancel** to exit the wizard.

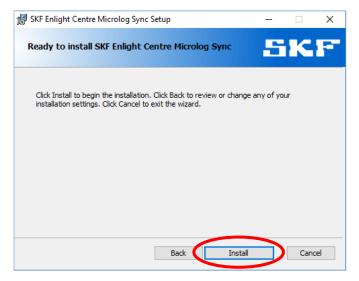


Figure 7 – Ready to install

8 The Setup Progress window and the Setup Wizard window are displayed again.

SKF Enlight Centre Microlog Sync Setup	😼 SKF Enlight Centre Microlog Sync Setup
SKF Enlight Centre Microlog Sync	Installing SKF Enlight Centre Microlog Sync
Setup Progress	Please wait while the Setup Wizard installs SKF Enlight Centre Microlog Sync.
Processing: SKF Enlight Centre Microlog Sync	Status: Starting services
Cancel	Back Next Cancel

Figure 8 – Setup progress and setup wizard

SKF MICROLOG SYNC INSTALLATION GUIDE



Software installation

9 Click **Close** when the installation process is completed.



Figure 9 – Installation Successfully Completed

- 10 Verify the installation under Services:
 - A. Go to the Start menu, right-click on Computer and select Manage.
 - B. Double-click on Services and Applications and then Services.
 - **C.** Find **SKF Microlog Sync** in the list and verify that the status **Started/Running** is displayed.

Services				- 🗆 >
File Action View Help				
🗢 🔿 📰 📴 🧟 🗟 🔽 🖬	∃ ▶ Ⅲ II I ▶			
Name	Description	Status	Startup Type	Log On As
Secondary Logon	Enables starting processes under alternate credentials. If th		Manual	Local System
Secure Socket Tunneling Proto	Provides support for the Secure Socket Tunneling Protocol	Running	Manual	Local Service
Security Accounts Manager	The startup of this service signals other services that the Se	Running	Automatic	Local System
Security Center	The WSCSVC (Windows Security Center) service monitors	Running	Automatic (D	Local Service
Sensor Data Service	Delivers data from a variety of sensors		Manual (Trig	Local System
Sensor Monitoring Service	Monitors various sensors in order to expose data and adap	Running	Manual (Trig	Local Service
Sensor Service	A service for sensors that manages different sensors' functi	Running	Manual (Trig	Local System
Server	Supports file, print, and named-pipe sharing over the netw	Running	Automatic (T	Local System
Shared PC Account Manager	Manages profiles and accounts on a SharedPC configured	-	Disabled	Local System
Shell Hardware Detection	Provides notifications for AutoPlay hardware events.	Running	Automatic	Local System
SKF Microlog Sync	Provides communication service for SKF Microlog devices.	Running	Automatic	Local System
Smart Card	Manages access to smart cards read by this computer. If th		Manual (Trig	Local Service
🗟 Smart Card Device Enumeratio	Creates software device nodes for all smart card readers ac		Manual (Trig	Local System
🖏 Smart Card Removal Policy	Allows the system to be configured to lock the user deskto		Manual	Local System
🖏 SNMP Trap	Receives trap messages generated by local or remote Simp		Manual	Local Service
Software Protection	Enables the download, installation and enforcement of dig	Running	Automatic (D	Network Service
🖏 Spatial Data Service	This service is used for Spatial Perception scenarios		Manual	Local Service
🕰 Spot Verifier	Verifies potential file system corruptions.		Manual (Trig	Local System
SQL Server (MSSQLSERVER)	Provides storage, processing and controlled access of data	Running	Automatic	NT Service\MSSQLSE
SQL Server (SQLEXPRESS)	Provides storage, processing and controlled access of data	Running	Automatic	NT Service\MSSQL\$S
SQL Server Agent (MSSQLSERV	Executes jobs, monitors SQL Server, fires alerts, and allows		Manual	NT Service\SQLSERV
SQL Server Agent (SQLEXPRESS)	Executes jobs, monitors SQL Server, fires alerts, and allows		Disabled	Network Service
SQL Server Browser	Provides SQL Server connection information to client com		Disabled	Local Service
SQL Server CEIP service (MSSQ	CEIP service for Sql server	Running	Automatic	NT Service\SQLTELE
SQL Server CEIP service (SQLEX	CEIP service for Sql server	Running	Automatic	NT Service\SQLTELE
<				>

Figure 10 – Verify the installation under Services



Software installation

11 The SKF Microlog Sync icon should now be visible on the computer desktop.



Figure 11 – SKF Microlog Sync icon

12 When double-clicking the SKF Microlog Sync icon, the page http://localhost:8085/ opens in the default web browser. This is the parameter entered in Network Settings under the Microlog Sync Service Port, see Figure 6.

SKF Microlog Sync × +				-	×
\leftrightarrow \rightarrow C (i) localhost:8085			\$:
	Microlog Sync		TESTSHIP		
	Not Connecte	d Connec	ted		
	Device	This Computer	Internet		
	No	New Data Available			
		L. Sync			
	DEVICE TIME UNKNOWN		LAST SYNC		
	► ADVANCED				

Figure 12 – Starting SKF Microlog Sync

SKF MICROLOG SYNC INSTALLATION GUIDE

Upgrade to a later version

1.2 Upgrade to a later version

13 Launch the installer. The installer will detect if there is an existing installation of SKF Microlog Sync.

📅 SKF Enlight Centre Microlog Sync Setup	_ 🗆 🗙
SKF Enlight Centre Microlog Synd	:
Modify Setup	
Repair Uninstall	Close

Figure 13 – SKF Microlog Sync setup

- **14** If a previous version of Microlog Sync is already installed and an upgrade is to be installed, first stop the service under **Services**:
 - A. Go to the Start menu, right-click on Computer and select Manage.
 - B. Double-click on Services and Applications and then Services.
 - C. Find SKF Microlog Sync in the list, highlight it, right-click and press Stop.

😘 Services				-	- ×
File Action View Help					
🗧 🔿 📰 🖾 🖾 🖉 🖬	• • • • • • • •				
Name	Description	Status	Startup Type	Log On As	
Secondary Logon	Enables starting processes under alternate credentials. If th		Manual	Local Syste	m
Secure Socket Tunneling Proto	Provides support for the Secure Socket Tunneling Protocol	Running	Manual	Local Servi	ce
Security Accounts Manager	The startup of this service signals other services that the Se	Running	Automatic	Local Syste	m
Security Center	The WSCSVC (Windows Security Center) service monitors	Running	Automatic (D	Local Servi	ce
Sensor Data Service	Delivers data from a variety of sensors		Manual (Trig	Local Syste	m
Sensor Monitoring Service	Monitors various sensors in order to expose data and adap	Running	Manual (Trig	Local Servi	ce
Sensor Service	A service for sensors that manages different sensors' functi	Running	Manual (Trig	Local Syste	m
Server	Supports file, print, and named-pipe sharing over the netw	Running	Automatic (T	Local Syste	m
Shared PC Account Manager	Manages profiles and accounts on a SharedPC configured		Disabled	Local Syste	m
Shell Hardware Detection	Provides notifications for AutoPlay hardware events.	Running	Automatic	Local Syste	m
🕵 SKF Microlog Sync	Provides communication service for SKF Microlog devices.	Running	Automatic	Local Syste	m
Smart Card	Manages access to smart cards read by this computer. If th		Manual (Trig	Local Servi	ce
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🖏 Smart Card Removal Policy	Allows the system to be configured to lock the user deskto		Manual	Local Syste	m
🔍 SNMP Trap	Receives trap messages generated by local or remote Simp		Manual	Local Servi	ce
Software Protection	Enables the download, installation and enforcement of dig	Running	Automatic (D	Network S	ervice
🖏 Spatial Data Service	This service is used for Spatial Perception scenarios		Manual	Local Servi	ce
🖳 Spot Verifier	Verifies potential file system corruptions.		Manual (Trig	Local Syste	m
🖏 SQL Server (MSSQLSERVER)	Provides storage, processing and controlled access of data	Running	Automatic	NT Service	MSSQLSE
🖏 SQL Server (SQLEXPRESS)	Provides storage, processing and controlled access of data	Running	Automatic	NT Service	\MSSQL\$S
🖏 SQL Server Agent (MSSQLSERV	Executes jobs, monitors SQL Server, fires alerts, and allows		Manual	NT Service	SQLSERVE
SQL Server Agent (SQLEXPRESS)	Executes jobs, monitors SQL Server, fires alerts, and allows		Disabled	Network S	ervice
🖏 SQL Server Browser	Provides SQL Server connection information to client com		Disabled	Local Servi	ce
SQL Server CEIP service (MSSQ		Running	Automatic	NT Service	SQLTELEN
SQL Server CEIP service (SQLEX	CEIP service for Sql server	Running	Automatic	NT Service	SQLTELEN
<					>

Figure 14 – Stop the service





Upgrade to a later version

15 The Microlog Sync files are located at: '*C*:*Program Files (x86)**SKF**SKF Enlight Centre Microlog Sync*'. There should be at least 70 items.

20	• OS (C:) • Program Files (x86) • SKF •	RP Enlight Centre Microlog Sync • •	Search SKF Enlight Centre Microlog S	iync [
Organize	Include in library Share with Bu	n New folder	8≡ ▪	
E 🌲	Microsoft	▲ Name	Date modified	Type
E 🌲	Microsoft Analysis Services	Content	8/2/2016 3:51 PM	File fol
E 🌲	Microsoft Office	a content	8/2/2016 3:51 PM	File fol
E 🎍	Microsoft Silverlight	i be		
E 🏄	Microsoft SQL Server Compact Edition	a es	8/2/2016 3:51 PM	File foi
E 🌡	Microsoft Synchronization Services	🗼 fr	8/2/2016 3:51 PM	File fol
E 🎍	Microsoft Visual Studio 8	🍌 pt	8/2/2016 3:51 PM	File foi
E 🌲	Microsoft.NET	📕 ru	8/2/2016 3:51 PM	File fol
œ.	MochaSoft Mozilla Firefox	Scripts	8/2/2016 3:51 PM	File foi
œ ,	Mozila Piretox	SV SV	8/2/2016 3:51 PM	File foi
E 4	Mozila Maintenance Service	Views	8/2/2016 3:51 PM	File fo
E A	My Company Name	SKF. DADProxyService. Host. exe	8/2/2016 3:33 PM	Applic
THE D	NVIDIA Corporation	SKF.DADProxyService.Host.exe.config.AUG		AUG2
IFI A	Reference Assembles			
		SKF.DADProxyService.dll.config	5/5/2016 3:09 PM	CONF
	SKF Enlight Centre Microlog Sync	SKF.DADProxyService.Host.exe.config	8/2/2016 3:51 PM	CONF
	SKF Templates	SKF.DADProxyService.MicrologAnalyzer.dl.c	onfig 5/16/2016 10:42 AM	CONFI
(F)	SKF US8 Driver	SKF.Framework.Messaging.dl.config	2/11/2016 6:11 PM	CONF
H	Skype	SKF.ServiceUtilities.dl.config	4/28/2016 11:27 AM	CONF
E 🌲	TechSmith	@ CMLicenseKey.dl	3/26/2014 10:06 AM	DLL F
E 🌲	TempFolder	DI460RapDLL.DLL	7/19/2016 5:09 PM	DLL F
	Uninstal Information	Microsoft, AspNet, SignalR, Client, dl	8/2/2016 3:27 PM	DLL F
🗩 🌲	Vim			
E 🌲	VMware	Microsoft.AspNet.SignalR.Core.dll	8/2/2016 3:27 PM	DLL FI
Œ 🌲	Windows Defender	Microsoft.AspNet.SignalR.SystemWeb.dll	8/2/2016 3:27 PM	DLL FI
œ 🍌	Windows Mail	Microsoft.Owin.dl	8/2/2016 3:18 PM	DLL F
æ 🍌	Windows Media Player	Microsoft.Owin.Host.HttpListener.dll	8/2/2016 3:18 PM	DLL FI
	Windows NT	× 4		•

Figure 15 – Microlog Sync files location

16 The network settings parameters, see **Step 6**, can be changed in the following file: '*SKF.DADProxyServiceHost.exe.config*'.

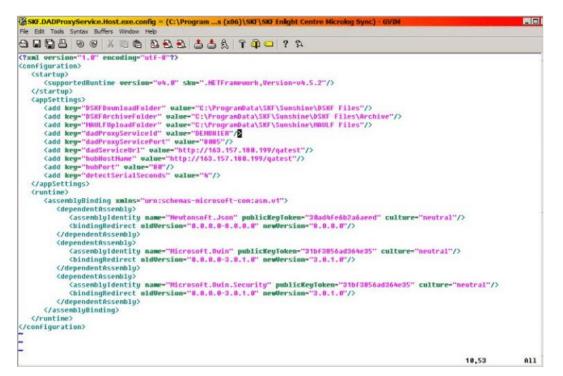


Figure 16 – Change the network settings parameters



2 Glossary

SKF Enlight Centre

SKF Enlight Centre is a web based software that is implemented to facilitate collection and analysis of machine data.

SKF Microlog Analyzer

SKF Microlog Analyzer is a data collecting device used for collecting machine data.

SKF Microlog Sync

SKF Microlog Sync is a software used for synchronising routes and collected data with the SKF Microlog Analyzer and SKF Enlight Centre.



3 References

- 1. SKF Enlight Centre User Manual, Part No. 15V-090-00076-100 EN, Revision A
- 2. SKF Microlog[®] AX Series Data Collector/Analyzer User Manual, Part No. 32298600-EN, Revision E
- 3. SKF Microlog[®] GX Series Data Collector/Analyzer User Manual, Part No. 32298500-EN, Revision E