

Flex Signal Setup Manual

Ver. 8.5

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Introduction

This document summarizes how to set up Flex Signal.

Revision History

Ver.	Date	Revision details
1.0	Oct. 27, 2014	First edition
1.1	Mar. 25, 2015	Modified the language.
2.0	Sep. 3, 2015	Changed the procedure because the installer was added.
2.1	Jun. 21, 2016	Added the contact email address for inquiries about
		authentication key issuance.
2.2	Jan. 6, 2017	Added notes for users who perform installation.
		Added a description about signal lamp settings.
2.3	Feb. 22, 2017	Added a description about the recommended operating
		environment.
3.0	May 25, 2017	Changed and added descriptions about how to display the
		menu.
		Added the uninstallation procedure.
4.0	May 7, 2018	Changed the description about the recommended operating
		environment.
		Added the procedures for Windows 10 and Windows Server
		2016 to the IIS settings.
		Modified screenshots.
4.1	Jun. 28, 2018	Changed the menu screenshot.
4.2	Aug. 1, 2018	Modified the language.
4.3	Aug. 16, 2018	Added details about preparation checks.
		Added FAQs.
5.0	Jun. 1, 2019	Modified the language.
6.0	Jun. 1, 2020	Added contents to FAQs.
6.1	Jun. 5, 2020	Changed the Basic settings screen.
7.0	Jul. 31, 2020	Changed license authentication method to on website.
8.0	Mar. 1, 2021	Added LA6-POE setup method.
		Added license authentication for the case installing from CD-
		ROM.
0.4	Aug. 24, 2024	Deleted the address and the home page links.
8.1 8.2	Aug. 31, 2021	Changed the menu screenshot.
8.2	Dec. 8, 2022	Changed the framework of operating environment to .NET Framework 4.6.
		Added description about ASP.NET and .NET Extensibility
8.3	Feb. 8, 2024	versions on IIS settings. Added Windows11 and WindowsServer2019 to
0.5		recommended OS
8.4	Jun. 3, 2024	Framework / Browser version update
8.5	Jun. 2, 2025	Added WindowsServer2022 and WindowsServer2025 to
0.5		recommended OS
L		

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List of Setup Items

No.	Setup item	Chapter
1	Operating Environment	1.
2	Preparation for Setup	2.
3	Setting Up IIS	3.
4	Installing the System	4.
5	Checking System Operation	5.
6	Authenticating the License	6.
7	Specifying Signal Lamp Settings	7.
	- End -	

* Check off completed items.

1. Operating Environment

Prepare the following PC environment to install the product.

No.	ltem	Environment
1	Recommended OS	Windows10, Windows11
		Windows Server2016
		Windows Server2019
		Windows Server2022
		Windows Server2025
2	IIS	IIS 7.0 or later
3	Framework	.NET Framework 4.8
4	Browser	Chrome
5	User performing the installation	User with administrator privileges

2. Preparation for Setup

The following preparation is required before setup.

(1) Before setup

Be sure to confirm that the following operations are possible.

No.	Item	
1	Communication between transmitters and receivers	
2	Communication between receivers and the PC where you will install the product (*1)	

*1: USB connection is not supported. Use a LAN connection.

(2) Items required for setup

Be sure to confirm that you have the following items at hand.

Table 2: Items required for setup

No.	Item	Description	
1	FSSetup_x.x.x.exe	FlexSignal installer downloaded from the	
	(FlexSignal installer)	FlexSignal website	
2	Customer key	Key that was sent to you by TOKAI-SOFT in the	
		email [ユーザー情報登録完了のお知らせ] at the	
		time of registration as a user of FlexSignal *Customer key indicated on the license certificate if you have a CD-ROM installer (license certificate)	

* Flex Signal cannot be used with PATLITE WDS-AUTO2 and WDS - Win01. Exit WDS-AUTO2 before using Flex Signal.

3. Setting Up IIS

(1) Windows10,11

- 1. Select "Start Menu" "Windows System" "Control Panel."
- 2. Select "Programs"



Figure 1: Programs

3. Select "Turn Windows features on or off"



Figure 2: Turn Windows features on or off

Check the following items one by one and select "OK."

- (1) IIS Management Console
- (2) ASP.NET4.8 (ASP.NET 4.6 or later is fine.)
- (3) HTTP Errors
- (4) HTTP Redirection
- (5) Directory Browsing
- (6) Default Document
- (7) Static Content
- (8) .NET Extensibility 4.8 (.NET Extensions or .NET Extensibility 4.6 or later is fine.)
- (9) ISAPI Filters
- (10) ISAPI Extensions



Figure 3: Items set by IIS settings

(2) Windows Server 2016, 2019, 2022, 2025

- 1. Select "Start" "Windows System" "Control Panel."
- 2. Select "Turn Windows features on or off."

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← → ~ ↑ 🖾 > コントロール パネル >	▶ ひ コントロール パネルの検索 り
コンピューターの設定を調整します	表示方法: カテゴリ 🔻
システムとセキュリティ コンビューターの状態を確認 ・マイベントログの表示	ユーザー アカウント
ペットワークとインターネット インターネットへの接続 ネットワークの状態とタスクの表示	デスクトップのカスタマイズ テーマの変更 時計、言語、および地域
ハードウェア デバイスとブリンターの表示 デバイスの追加	「日本」は、「おんでのこころ」 入力方法の変更 日付と時刻の設定 日付、時刻、または数値の形式の変更
プログラム プログラムのアンインストール (Windows の機能の有効化または無効化	ロリ、ケタ、または数値のアスリませ コンピューターの簡単操作 設定の提案の表示 提覧ディズレイの最適化

Figure 4: Control Panel

- 3. Select "Server Roles."
- * If this item cannot be selected, click "Server Selection." This item will then become selectable.4. Select the "Web Server" check box and click "Next."

7	📥 サーバー マネージャー										-		×
2 役割と機能の通				-		×	🏲	管理	!(M) :	א− <i>ו</i> ריש	表示(V)	~JI-7	^ƒ (Н)
開始する	前に		cc		対象サーバー ng.ts-local						920	•	^
開始する前 インストールの サーバーの違 ブーバーの没 機能 確認 結果		選択 選択したサーバーにインストールする役割を1つ以上選択します。 役別 ▲ Active Directory ライトウエイト テイレクトリ サーとス DHC サーバー DHC サーバー DHC サーバー DHC サーバー DHC サーバー FAX サーバー Hoper-V Modeow Server Essentials I 20スパリエンス Windows Server Essentials I 20スパリエンス Windows Server Essentials I 20スパリエンス デバイス工業性増減成長期 クーク・パリッ・とアクセス ナーとス デバイン工業性増減成長期 ーとス ボレック・スクレジュトレス U モー トクセス リモー トアクセス リモー ド スロトップ サーとス ロシストレー レーンス ロシストレーンス		に優れた		は、信頼 ブルな W	ロ 対象サー がAdingst-lo 構造、管理 Polo アブリケ グ	cal	-ル日開 時	管理 昨日 リアル 設定 カ (UTC- ライセ	タイム保護: +09:00) 大 ンス認証さ Opteron(オフ 阪、札 hていま m) Pn >	
		< 前へ(P) 次:	\(<u>N)</u> >		インスト	-1/()	キャンセ	V					~

Figure 5: Add Roles and Features wizard

5. Click "Add Features."

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🏊 役割と機能の追加ウィザード		-			管理(M) ツー」	ル(T) 表示(V)	ヘルプ(H)
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	< 前へ(P) 次へ(N) >		インストール(I)	キャンセル]		V

Figure 6: Adding a web server

- 6. Select "Role Services" and select the following check boxes one by one.
 - (1) HTTP Errors
 - (2) Directory Browsing
 - (3) Default Document
 - (4) Static Content
 - (5) HTTP Redirection



Figure 7: Items added for common HTTP features

- 7. Click "Application Development" ".NET Extensibility 4.6." (.NET Extensions or .NET Extensibility 4.6 or later is fine.)
- 8. Click "Add Features."



Figure 8: Adding the .NET Extensibility 4.6

- Click "Application Development" "ASP.NET 4.6." (ASP.NET 4.6 or later is fine.)
- 10. Click "Add Features."

>	▲ 役割と機能の追加ウィザード		- O ×		– 🗆 X
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	インストールの種類	役割サービス	說明		927 -
開始する前に	サーバーの選択	▲ ▼ パフォーマンス	∧ ASP.NET は、マネージコードを使用して	ール日時 なし	and street in 12m
インストールの		参的なコンテンツの圧縮 動的なコンテンツの圧縮 動的なコンテンツの圧縮	Web サイトと Web アブリケーションを構築 た。 役割と機能の追加ウイザード		された更新サービス 3:10
サ ーバーの選 び サーバーの役の		▲ V 状態と診断 ● HTTP ログ			
機能	役割サービス	ODBC ログ カスタム ログ	ASP.NET 4.6 に必要な機能を追加しますか?		イム保護:オフ
確認	確認 法果	トレース	ASPNET 4.6 をインストールする前に、次の役割サービスまたは相 ルする必要があります。	ま能もインストー	
結果	泊未	 □ ロジ シール ● 要求の監視 ▲ ▼ アプリケーション開発 	▲ Web サーバー (IIS)		09:00) 大阪、札 ス認証されていま
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		Application Initialization	ISAPI フィルター ISAPI 拡張		
		ASP ASDNET 2.5 ASPNET 4.6			Opteron(tm) Pre
		ISAPI フィルター ISAPI 拡張			>
		WebSocket プロトコル サーバー側インクルード			
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		FTP 拡張 ▲ ✔ 管理ツール	機能の追加	キャンセル	
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		 IIS 管理スクリプトおよびツール 管理サービス 	×		
		<	前へ(P) 次へ(N) > インストール(I) キャンセル		

Figure 9: Adding ASP.NET 4.6

11. Click "Next."



Figure 10: Items added for application features

12. Confirm that the following items are selected.

- (1) IIS Management Console
- (2) ASP.NET 4.6 (ASP.NET 4.6 or later is fine.)
- (3) ISAPI Extensibility
- (4) ISAPI Filters
- (5) .NET Extensibility 4.6 (.NET Extensions or .NET Extensibility 4.6 or later is fine.)
- (6) Default Document
- (7) Directory Browsing
- (8) HTTP Errors
- (9) HTTP Redirection
- (10) Static Content

13. Click "Install."

	🚵 役割と機能の追加ウイザード		- 0	×	- 🗆 X
📥 役割と機能の対	インストール オプショ	コンの確認	対象 COLLON.4f.ng	サーバー ts-local	M) ツール(T) 表示(V) ヘルプ(H)
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		< 前へ(P) 次へ(N)	> インストール() キャ	ンセル	

Figure 11: Installation check

🔤 サーバー マネージャー				- 🗆 X	
🔁 役割と機能の追加ウィザード			– 🗆 ×		×
インストールの進行	状況		対象サーバー COLLON.4f.ng.ts-local) ツール(T) 表示(V) ヘルプ(H)	ロール パネルの検索 ・ ク
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	■ このナゲートを閉じても、実行中の処理が ページを再度関いたりするには、コマンドパー 構成設定のエクスポート < 前	の [通知] をクリックし、 [タスクの詳細] を	大況を表示したり、この クリックします。 じる キャンセル		

14. When the installation is completed, click "Close."

Figure 12: Completion of installation

15. Click "Install." When installation is completed, click "Close."

4. Installing the System

1. Run "FSSetup_x.x.x.x.exe" downloaded from the download website.

*If you install the system from CD-ROM, insert the media and then run "FSSetup_x.x.x.x.exe".

The screen shown in "Figure 1: Setup screen" opens.

- * Perform this operation as a user with administrator privileges.
- * The x's in "FSSetup_x.x.x.x.exe" file to select represent numbers.

(Example: FSSetup_2.0.0.0.exe)

2. Select "Next."



Figure 1: Setup screen

3. Enter your customer key and select "Next."

*Please check the email "ユーザー情報登録完了のお知らせ" for the "customer key."

*If you install the system from CD-ROM, please check "license certificate."

* When the license is already authenticated, the screen shown in "Figure 2: Setup screen for entering the customer key" does not appear.

🐨 Flex Signal ver.14.2.0.0 Setup —		\times
Customer Key Please input Customer-Key.		
Customer Key (20 00000 - 00000 - 00000 - 00000 Customer Key is published by TOKAI-SOFT CO.,LTD If you don't have it, connect to TOKAI-SOFT CO.,LTD. please.	>	
Nullsoft Install System v3.08	\mathbf{D}	Cancel

Figure 2: Setup screen for entering the customer key

4. Select "Install."

💮 Flex Signal ver.14.2.0.0 Setup		_		×
Choose Install Location				ANNE
Choose the folder in which to install Flex	Signal ver. 14. 2. 0. 0.			J
Setup will install Flex Signal ver. 14.2.0.0 dick Browse and select another folder. C			lifferent fi	older,
Destination Folder				
C:\FS		Bro	wse	
Space required: 37.3 MB				
Space available: 108.5 GB				
Nullsoft Install System v3.08				
	< Back	Install	Car	ncel
	buch	an ro cont	Cu	

Figure 3: Setup screen for specifying the installation destination

5. Installation starts.

💮 Flex Signal ver.14.2.0.0 Setup	_	
Installing Please wait while Flex Signal ver. 14.2.0.0 is being installed.		
Extract: SignalEva21.xml 100%		
Show details		
Nullsoft Install System v3.08		
< Back Ne	xt >	Cancel

Figure 4: Screen displayed during setup installation

6. The FlexSignal receiver communication setup tool starts up during installation. Enter the IP address of your receiver and save the setting.



Figure 5: FlexSignal receiver communication setup tool

When you perform setup later, close the screen with the "x" without performing any operations.

* For details on the FlexSignal receiver communication setup tool, see the FSConfManager Manual.

	xSignal Receiver Se Add.	Del.	(×
No.	IP address		
	192.168.0.1		

Figure 6: FlexSignal receiver communication setup tool

- 7. When the setup completion screen appears, select "Reboot now."
 - * If you select "Reboot later," be sure to manually restart the PC.

당 Flex Signal ver.14.2.0.0 Setup	— 🗆 🗙
	Completing Flex Signal ver. 14.2.0.0 Setup Your computer must be restarted in order to complete the installation of Flex Signal ver. 14.2.0.0. Do you want to reboot now? Reboot now Reboot later
	< Back Finish Cancel

Figure 7: Setup completion screen

5. Checking System Operation

- (1) Confirming that the system starts up
 - 1. Confirm that the screen shown in "Figure 1: FSStart" appears after you restart the PC.

FSStart (ver.1.0.0.0)	
2014/10/23 14:24:09.439	FS System starting
Processing	.::



2. Confirm that the screen shown in "Figure 1: FSStart" automatically closes after about one or two minutes.

(2) Checking the website

1. Select "Start" - "All Programs" - "Flex Signal" - "FlexSignal."

* If "FlexSignal" does not exist in the start menu, start the browser and enter "localhost/fs" in the URL.

Confirm that the screen shown in "Figure 2: Initial website screen" is displayed.

Flex Signal	MENU — 稼動監視

Figure 2: Initial website screen

* If "HTTP error" is displayed, please check "this booklet 9. FAQs (7)".

2. Access "http://IP address/FS" from another PC on the same network as the PC where you installed Flex Signal.

* Enter the IP address of the PC where you installed Flex Signal. Example: http://192.168.0.10/FS

Confirm that the screen shown in "Figure 2: Initial website screen" is displayed.

3. Select "MENU" - "group1" - "Options" – "Basic settings" at the top of the web page.



Figure 3: Basic settings selection screen on the website menu

4. Enter admin in "Password" in the "Administrator authentication" dialog box and select "OK."

fs in g	Administrator Authentication Enter the administrator password. Password	×	

Figure 4: Website administrator authentication screen

5. Execute "Save" in "Basic settings."

ex Signal	MENU 三 稼動量	≟視						
ettings	You can set the basic options of Flex Signal.							
	Basic Settings	dons of the						
	Dasic setungs Management group 稼動監視							
	Hanagement group							
		00 🗸 : 00 🗸						
	Start time (origin time) Note: The default setting, 00:00. One-day handling will change by the time that you specify any setting, 00:00. One-day handling will change by the time that you specify any setting or atternoon. If you specify a 9:00, the day before 21:00 - 20:59 will be handled as one day.							
	Monitor Settings							
		Telop 1:						
	Telop	Telop 2:						
		Telop 3:						
	Administrator Settings							
	Administrates as a	Current Pas		(Confirmation input)				
	Administrator password	New Passwo Note:Please	specify 5 or more characters	(Confirmation input)				
	Auto Output Settings		requery or an inforce characters	- an angle byte character.		-		
	Use auto output.	Vou can s	set enable.					
	Output type		e • Periodic			\dashv		
	Periodic interval (min)	60 V				\dashv		
	Ooutput time. Image: Ooutput time. Note:The default setting, 00:10.That output the day before setting time.							
	Output Folder							
	Shift Settings							
	ShiftType	○ None ○ C	Ordinary O Two shift O Three s	shifts				
	ShiftType	● None ● C	Ordinary ● Two shift ● Three s Shift Name	shifts	StratTime - EndTime			
		● None ● C Shift1		shifts	StratTime - EndTime			
	ShiftType Shift More			shifts	StratTime - EndTime			
		Shift1		shifts	StratTime - EndTime			
		Shift1 Shift2		hifts	StratTime - EndTime			
	Shift More	Shift1 Shift2 Shift3	Shift Name					
	Shift More	Shift1 Shift2		shifts	StratTime - EndTime			
	Shift More	Shift1 Shift2 Shift3	Shift Name		Signal information valid/invalid			
	Shift More	Shift1 Shift2 Shift3	Shift Name	Ending time	Signal information valid/invalid setting			
	Shift More	Shift1 Shift2 Shift3	Shift Name		Signal information valid/invalid setting To enable			
	Shift More	Shift1 Shift2 Shift3 No.	Shift Name	Ending time	Signal information valid/invalid setting To enable To enable			
	Shift More	Shift1 Shift2 Shift3 No.	Shift Name	Ending time	Signal information valid/invalid setting To enable To enable To enable			
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	Shift More Break time Settings	No.	Shift Name Shift Name Stat time Stat time 00 v : 00 v	Ending time	Signal information valid/invalid setting To enable To enable To enable To enable To enable To enable			
	Shift More Break time Settings	Shift1 Shift2 Shift3 No. 1 2 3 4 5 6 7	Shift Name Shift Name Stat Stat Stat Stat 00 •	Ending time Ending time 00 ✓ : 00 ✓	Signal information valid/invalid setting Description String Description Descri			
	Shift More Break time Settings	Shift1 Shift2 Shift3 No. 1 2 3 4 5 6 7 6 7 8	Shift Name Shift Name Stat time Stat time OO V I OO V OO V OO V I OO V OO V OO V I OO V OO V	Ending time 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~ 00 ~ : 00 ~	Signal information valid/invalid setting Comparison valid/invalid Signal information valid/invalid Signal information valid/invalid To enable Comparison Com			
	Shift More Break time Settings	Shift1 Shift2 Shift3 No. 1 2 3 4 5 6 7	Shift Name Shift Name Stat Stat Stat Stat 00 •	Ending time Ending time 00 ✓ : 00 ✓	Signal information valid/invalid setting Description String Description Descri			

Figure 5: Basic website settings screen

6. Confi	rm that The basic	c settings was sa	aved. is displa	ayed on the so	reen.	
Flex Signal	MENU 🧮 稼動監	視				
Basic Settings	You can set the basic opt	ions of Flex Signal.				
	The basic settings was say	ved.				
	Basic Settings					
	Management group	稼動監視				
		00 🗙 : 00 🗙				
	Start time (origin time)			ling will change by the tim will be handled as one da	e that you specify morning or afterno y.	on.
				0:59 will be handled as on		
	Monitor Settings					_
	Telop	Telop 1: Telop 2:				
		Telop 3:				
	Administrator Settings					
		Current Password:				
		New Password : Note:Please specify 5	or more characters of sin	(Confirmation input)		
	Auto Output Settings					
	Use auto output.	You can set enable	L			
	Output type	Only once Periodi	ic			
	Periodic interval (min)	60 🗸				
	Ooutput time.	00 🗸 : 10 🗸				
		Note:The default setti	ing, 00:10.That output the	e day before setting time.		_
	Output Folder Shift Settings					
	ShiftType	None Ordinary O	Two shift Three shifts			
			Shift Name	Si	ratTime - EndTime	
		Shift1				
	Shift More	Shift2				
		Shift3				
	Break time Settings	p				
		No. St	tat time	Ending time	Signal information valid/invalid	
			· : 00 V	00 🗸 : 00 🗸	setting To enable	
					To enable	
					To enable	
			:	00 🗸 : 00 🗸	To enable	
	Break time		· : 00 🗸	00 🗸 : 00 🗸	To enable	
		6 00 🗸	· : 00 🗸	00 🗸 : 00 🗸	To enable	
		7 00 🗸	· : 00 🗸	00 🗸 : 00 🗸	To enable	
		8 00 🗸	• : 00 🗸	00 🗸 : 00 🗸	To enable	
		9 00 🗸	• : 00 🗸	00 🗸 : 00 🗸	To enable	
		10 00 🗸	· : 00 V	00 🗸 : 00 🗸	To enable	
	Save Cance	l Initialize				

Figure 6: Basic website settings save completion screen

7. Select "MENU" - "Common" - "Other" – "Help" at the top of the web page.



Figure 7: Help selection screen on the website menu

8. Confirm that "Customer key" in "Help" matches the key written on the email [ユーザー情報

登録完了のお知らせ] sent from TOKAI-SOFT.

*If you install the system from CD-ROM, please confirm that "Customer key" in "Help" matches the key on the license certificate.

Flex Signal	MENU 🧮 稼動監	視			
System information Confirmation communication status	You can check the sys	tem information.			
Communication status	System information				
	Product name	Flex Signal			
	Version	14.2.0			
	Copyright	TOKAI-SOFT Co.,Itd.			
	Manual				
	<u>FlexSignal LA6-POE連携</u> <u>FlexSignal Manual Rev</u>	<u>/14.1 ja</u>			
		FlexSignal PC Change Manual Rev1.2 ja FlexSignal Setup Manual Rev8.2 ja			
	FlexSignal Troubleshoo				
	FlexSignal Update Manual Rev5.1 ja				
	FSConfManager Manua	al Rev.3.1 ja			
	License				
	Customer key	00000-00000-00000			
	Setup key	B692C-072EE-54AE5-9525F			
	Authentication key	Auth. During the trial (expiration date : 2023-07-12 19:47)			
	Edition	STD			
	Volume	Signal tower 3 unit			
	SubSystem				
	Setup Date	2023-06-12 19:48			
	Receiver status	All OConnecting ODisconnected • Cutting			
	192.168.0.1	Disconnected			
	Transmitter status	Ocnnecting Obisconnected - Cutting			

Figure 8: Website help screen where you can check the customer key

6. Authenticating the License

1. Prepare the email [アクティベーション登録のご案内] sent from TOKAI-SOFT.

* If you install the system from CD-ROM, ask TOKAI-SOFT (flexsignal@tokai-soft.co.jp) to issue the authentication key by email. Be sure to include the customer key and setup key in the body of the email. We issue the authentication key after checking the customer key and setup key. After the authentication key is issued, proceed with the procedures up to the authentication work in 5.

2. Access the URL for activation registration written in the email [アクティベーション登録のご

Flex	Signal	
ログインページ カスタマーキ-		
ログイン		<u> </u>

案内], enter the customer key and log in.

*If you cannot log in, please contact our support team (<u>flexsignal@tokai-soft.co.jp</u>), including the message displayed in red on the screen in the email.

3. After entering the "customer key" and "setup key", click 登録 (register) button.

アクティベーション登録	操作手順				
	1.FlexSignalヘルプ画面を確認し、カスタマーキー・セットアップキーを半角英数字で入力してください。				
	2.入力後、登録ボタンをクリックしてください。				
	3.「登録売了しました。」と表示されることをご確認ください。				
	4.完了後、メールにて認証キーをご案内いたします。				
	5.FlexSignalヘルブ画面内にある認証キーエリアに認証キーを入力し、認証を行ってください。				
	登録情報 ※入力必須				
	カスタマーキー				
	セットアップキー				
	登録				
ど願い合わせ生					
お問い合わせ先 FlexSignalサポート係 E-mail : flexsignal@tokai-soft.co.jp					

(the customer key is automatically input when logging in.)

*You can find "customer key" and "setup key" from "MENU"(at the top of the FlexSignal website) - "Common" - "Other - Help". (This is not a website for activation registration.)

4. After registration is completed, you will receive an email [アクティベーション登録完了のお知

らせ・認証キーのご案内] sent by TOKAI-SOFT.

5. The authentication key is written in the email [アクティベーション登録完了のお知らせ・認証

キーのご案内] described in 4. above. Enter the authentication key in the authentication key field on the screen that is displayed by selecting "MENU" - "Common" - "Other - Help" and select the "Authenticate" button.

*If you install the system from CD-ROM, the authentication key is issued via email. Please check 1.

License		
Customer key	00000-00000-00000	
Setup key	B692C-072EE-54AE5-9525F	
Authentication key	Auth.	
Authentication key	During the trial (expiration date : 2023-07-12 19:47)	
Edition	STD	
Volume	Signal tower 3 unit	
SubSystem		
Setup Date	2023-06-12 19:48	

Figure 2: License authentication screen

When the authentication is completed, <u>During the trial (expiration date : 2023-07-12 19:47)</u> on the license authentication screen shown in Figure 2 changes <u>Authenticated</u> to Confirm that the number of purchased licenses is displayed in "Volume."

If you enter an incorrect authentication key, enter the correct authentication key and retry the authentication.

* Before authentication, "Expiration date for trial use" shows the date one month after the product was installed on the PC.

7. Specifying Signal Lamp Settings

See "Specifying signal lamp settings" in the Flex Signal Instruction Manual and specify the settings.

Refer to "FlexSignal - LA6-POE 連携設定資料" for the detail of LA6-POE.

* Data is not displayed until signal lamp settings are specified.

8. Uninstallation

- 1. Start the uninstaller by selecting "Start" "Flex Signal."
 - * Perform this operation as a user with administrator privileges.
- 2. Select "Next."





3. Select "Uninstall."

I Flex Signal ver.14.2.0.0 Uninstall −			×		
Uninstall Flex Signal ver.14.2.0.0 Remove Flex Signal ver.14.2.0.0 from your computer.			8		
Flex Signal ver. 14.2 the uninstallation.	.0.0 will be uninstalled fr	rom the following f	older. Click Uninst	tall to sta	rt
Uninstalling from:	C:\FS\				
Nullsoft Install System	v3.08	< <u>B</u> ack	Uninstall	Car	ncel

Figure 2: Uninstallation folder screen

4. Uninstallation starts. Wait until installation has successfully completed.

중 Flex Signal ver.14.2.0.0 Uninstall	_	
Uninstalling Please wait while Flex Signal ver. 14.2.0.0 is being uninstalled.		8
Show details		
Nullsoft Install System v3.08 < Back Next	:>	Cancel

Figure 3: Screen during uninstallation

- 5. When the uninstallation completion screen appears, select "Reboot now."
 - * If you select "Reboot later," be sure to manually restart the PC.

🞯 Flex Signal ver.14.2.0.0 Unins	stall — 🗆 🗙
	Completing Flex Signal ver. 14.2.0.0 Uninstall Your computer must be restarted in order to complete the uninstallation of Flex Signal ver. 14.2.0.0. Do you want to reboot now?
	< Back Einish Cancel

Figure 4: Uninstallation completion screen

9. FAQs

(1) "Next" cannot be clicked on the installation screen.

There might not be enough IIS setting items.

(i) Check the IIS setting items.

(2) Setup does not complete successfully.

The FlexSignal receiver communication setup tool, which should start up during installation, might already be running.

- (i) Confirm that the FlexSignal receiver communication setup tool is not running. If the FlexSignal receiver communication setup tool is running, click the "x" to close the setup tool.
- (ii) If you are prompted to cancel the installation, make sure that the network adapter is enabled.
- (iii) Uninstall Flex Signal once and install again.

(3) Data is not displayed even though installation is completed.

Signal lamp settings might not be specified.

- (i) Download "FlexSignal_Manual_RevX.X_en from "MENU" "Common" "Other -Help" and specify signal lamp settings referring to "Individual signal lamp settings".
- (4) Authentication fails.
 - (i) Confirm that the customer key on the email [ユーザー情報登録完了のお知らせ]
 sent from TOKAI-SOFT is the same as the customer key on the Help screen in Flex Signal.
 - (ii) Confirm that the PC where you installed the product has not been disconnected from the network.

(5) Data is not displayed even after signal lamp settings are specified. The receiver might not be communicating with the PC where you installed the product.

- (i) Confirm that the connection method between the receiver and the PC where you installed the product is a LAN connection.
- (ii) Confirm the receiver status on the screen displayed by selecting "MENU" "Common" "Help". If the status of the receiver shows "Disconnected" or
 "Cutting", confirm the connection status with the receiver.
- (iii) Confirm that the IP address is set to the connected LAN.
- (iv) Confirm that an application from PATLITE or other software is not running.
- (v) Confirm that the port number setting of the receiver has not been changed.

- (vi) Select the transmitter MAC address of the target equipment displayed when you select the Select button rather than manually filling in "ID" under the individual signal lamp settings.
- (vii) Confirm that the equipment is on.
- (viii) Restart the PC and confirm that FS Start automatically starts and automatically closes after a few minutes.
- (6) I want to display Flex Signal on another PC.
 - (i) See item 2 in "(2) Checking the website" in Chapter 5 of this manual.

(7) "HTTP error" is displayed.

The response method differs depending on the error type.

• HTTP Error 500.21 \Rightarrow It need to enter a command.

- Select "Start Menu" Enter "cmd" in "Find programs and files" to start command prompt.
- (ii) Enter the following command at the command prompt and press the "Enter".

Command when the installation destination PC : 32 bits

C:\Windows\Microsoft.NET\Framework\v4.0.30319\Framework_regiis -i

Command when the installation destination PC : 64 bits

C:\U00e4Windows\U00e4Microsoft.NET\U00e4Framework64\u00e4v4.0.30319\u00e4aspnet_regiis -i

(iii) If "Install of ASP.NET (4.0.30319) is complete" is displayed, it is complete.Close the command prompt and check the FlexSignal screen.

• HTTP Error 500.19 \Rightarrow There is a possibility that ASP.NET 4.7 is not checked. Please check the settings of IIS again.

(8) Identification ID list is not displayed in the signal lamp settings.The communication environment between the PC and the receiver might not be prepared.

- (i) Confirm that the IP address of the receiver is registered in FlexSignal. *See "FlexSignal receiver communication setup manual" for the description of checking / adding / changing the IP address of the receiver.
- (ii) Select "Start Menu" Enter "cmd" in "Find programs and files" to start command prompt.
- (iii) Enter "ping receiver IP address" at the command prompt and press the "Enter".(Example: ping 192.168.0.1)
- (I) If the response from the receiver's IP address is not normal as shown in the figure below and an error like "Request timed out" is displayed, please check the communication environment.

```
Select C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.2965]
(c) Microsoft Corporation. All rights reserved.
C:\Users\takashi.ishida>ping 192.168.0.1
Pinging 127.0.0.1 with 32 bytes of data:
Reply from 192.168.0.1: bytes=32 time<1ms TTL=128
Reply from 192.168.0.1: bytes=32 time<1ms TTL=128</pre>
```

(9) Total of the operation status graph exceeds 100%.

The monitoring time which is used as a denominator might be less than the total time of each component color.

- (i) Please confirm that the check box for any of the colors is checked in "Monitoring light" item in Signal Tower Settings. If any of the check box is checked, the time when the color of the unchecked check box is in on or flash state is not included in the monitoring time, which may cause the rate to exceed 100%.
- (ii) Confirm the monitoring time which is specified as a fixed value in "monitoring light" item in Signal Tower Settings. If the time for which the signal was in on or flash state is longer than planned, it may cause the rate to exceed 100%.
- (10) I want to use LA6-POE.
 - (II) see "FlexSignal LA6-POE 連携設定資料" for the detail of LA6-POE.

