Komatsu Client Certificate

Installation and Renewal

<u>User Guide</u>

Ver. 1.0

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1. Client Certificate Installation and Renewal (Simplified)

1. 1. Obtaining a New Client Certificate (Simplified)

1.1.1. Obtaining a New Client Certificate (Simplified)

- Open Internet Explorer to visit the following URL: <u>https://ca50.managedpki.ne.jp/KOMATSUCAG2/pages/ee/index.jsp?s=Site1&p=CA1/K</u> <u>omatsuPolicy_2048</u>
- 2. Type the "User ID" and "Password" provided in an email communication for certificate issuance then click "Login". See the left image shown below.

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[Komatsu - KOMTRAX] KOMTRAX(High) Certificate Issuance (File Edit View Favorites Tools Help	
service_desk@komatsu.co.jp to me (=)	KOMATSU	(A)
Dear KOMTRAX User,	Licar authentication	11
Please be advised that processing for your application for a KOMTRAX certificate has	Ost addriftenter	
been completed. Please follow the instructions below to obtain your digital certificate. The new certificate will allow you to access KOMTRAX.	The satisfies policy needs user sufferences to issue a configure. Enter your user ID and passionit	
<how a="" certificate="" client="" install="" to=""> Procedure</how>	User D Favered	
1. Open Internet Explorer to visit the following URL:	Lizes	
https://ca50.managedpki.ne.jp/KOMATSUCAG2/pages/ee/index.jsp?s=Site1&p=CA1/KomatsuPolicy_2048		
*Certificates will not be obtained via Firefox or Chrome.		
 Type in the "User ID" and "Password" provided below to click on "Login". "You can copy and paste the credentials for accurate entries. "Initial and/or trailing space in Username and/or Password will cerese login failure. 		
User ID : Password :		G
 Click on "Certificate Request" at the top left of the screen. "The set values of your IE settings may bring up an information bar or a popup window property to run Archive Controls. 		cybertrust

3. Click "Certificate Request" at the top left of the screen.



*The set values of your IE settings may bring up an information bar or a popup window prompting to run ActiveX controls. When prompted, allow execution.

4. Your certificate is being installed while a page shown below is being displayed. Do not close your IE.

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File Edit View Favorites	Tools Help		
-			
KOMATSU			pp page
Certificate Request	Ple	ease wait for a while	
Certificate Request			
Request Details	You	ur certificate is going to be issued over automatically. Please wait	
Request List			
Certificate Management		Request info	
Download Certificate	Request ID	20130905000089	
Information	Reference ID	Q1REEIhsfNSnmigpOqNy4phVrShWov	
Contact	Request status	Wait CA reply for cert	
ca50 managedphine_h			
Secured site	Your request details	s are as shown below:	
09/05/13 01:32 GMT	Common Name	TEST 1	
	Organizational Unit	t IT Department	
	Organization	KOMATSU	
	DN Email	takeshi_tanaka@qualica.co.jp	
	Organizational Unit	COMPANY - Qualica	
	Organizational Unit	UserID - TEST1	
	Organizational Unit	Application Name - Sample AP	
	Organizational Unit	t Authority Level - HIGH	
	Organizational Unit	KPASID - AA000001.	
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*In the "Potential Scripting Violation" or "Web Access Confirmation" dialog box, click "Yes" to initiate installation.



5. Click "OK" to close a VBScript dialog box, which completes the installation.



1.2. Renewing a Client Certificate (Simplified)

- 1.2.1. Renewing a Client Certificate (Simplified)
- 1. Open Internet Explorer to visit the following URL: https://ca50.managedpki.ne.jp/KOMATSUCAG2/pages/renew/index.jsp?s=Site1
- 2. In the "Choose a digital certificate" dialog box, choose the correct client certificate and click "OK".



3. Click "Cert Renewal Request" at the top left.

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File Edit View Favorites	Tools Help	
KOMATS	U	Top page Logout
Certificate Renewal	KOMATSU End-User Digital Certificate Services(Renew)	
Download renewed cert	Ranew your Digital Certificate	
Contact ca50.managedpki.are.jp	Cert Renewal Request Submit a renewal reguest for certificate using SSL client cert.	
Close ta verify ²⁴ OR/16/13 0726 GMT	Download renewed cert Download a certificate renewed from the current certificate.	
	Contact Contad Page	
		cybertrust.

*The set values of your IE settings may bring up an information bar or a popup window prompting to run ActiveX controls. When prompted, allow execution.

4. Your certificate is being installed while a page below is being displayed. Do not close your IE.

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KOMATSU			
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Consider renewed cert	You It me	certificate is going to be issued. wes automatically. Please wait	
Contact		Request into	
es50 managedpline je eybertrust curve a dee curve a construction curve a construction curve a construction curve a curve a curve a curve a	Request ID Reference ID Request status	201308160000031 r0elxpUPV/Thazto/WsCMf5vWAWcUv Cert wait for CA	
	Your request details	are as shown below.	
	Common Name	UserName24	
	Organizational Unit	IT Department	
	Organization	KOMATSU	
	DN Email	tsutomu_uehara@qualica.co.jp	
	Organizational Unit	CAMPANY - CYBERTRUST	
	Organizational Unit	UserID - TEST02	
No.	Organizational Unit	Application Name - Sample AP	
(T)	Press and a set of the later	holised and	

*In the "Potential Scripting Violation" or "Web Access Confirmation" dialog box, click "Yes" to initiate installation.



5. Click "OK" to close a VBScript dialog box, which completes the installation.



2. Client Certificate Installation and Renewal (Full)

2.1. Preconfiguration

2.1.1. Preconfiguring Internet Explorer

To obtain or renew Komatsu client certificates, you **do not need to change the default** Internet Explorer (hereinafter IE) settings.

Client certificates will not be obtained if some of your IE settings have been changed from the default settings. If changed restore them.

[How to restore the default IE settings]

1. Open Internet Options and select the [Privacy] tab. If [Block All Cookies] or [High] is selected for the "Internet zone", change it to [Medium]

eneral Security Privacy Content Connections Prog	rams A	Advanced	General	Security	Privacy	Content	Connections	Programs	Advanced
Settings			Setting	js —					-
Select a setting for the Internet zone.			Select	a setting for	r the Inte	rnet zone.			
Block All Cookies			= n	High					
- Blocks all cookies from all websites			- 65	Blo	ocks all co	okies from	websites that (do not have	a
 Cookies that are already on this computer of by websites 	cannot b	e read		- Blo	pact priva ocks cooki	es that say	e information 1	that can be	used to
			12	cont	tact you v	vithout you	r explicit conse	ent	
6 3									
1 1 1			L						
Sites Import Advanced	Defa	ult		Sites	Imp	port	Advanced	De	fault
Location			Locatio	on		210			
Never allow websites to request your physical location	Clear S	Sites	P Nev phy	ver allow we vsical locatio	ebsites to in	request yo	ur	Clea	ar Sites
Pop-up Blocker			Pop-up	Blocker -					
☑ Turn on Pop-up Blocker	Settir	ngs	🔽 Tur	n on Pop-up	Blocker			Se	ttings
InPrivate			InPriva	ite				3	
			III Die				en TeDrivete D		
Usable toolbars and extensions when inprivate browsing	ig starts		Ulse		s and ext	ensions wh	en menvale b	rowsing stat	us
			-						2

In the Internet Options go to the [Security] tab. [Internet] should be selected for a Web content zone. Click [Custom Level]. Go to [ActiveX controls and plug-ins].
 If [Administrator approved] or [Disable] is selected for [Run ActiveX controls and plug-ins], select the default value of [Enable].

Settings			Settings
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E Fo	ont download) Disable) Enable	-	Font download Disable Fonshe Fonshe
*		•	• •
*Takes effe	ect after you restart Internet Explorer		*Takes effect after you restart Internet Explorer
leset custon	n settings		Reset custom settings
leset to:	Medium-high (default)	▼ Reset	Reset to: Medium-high (default)

3. In the Security Settings for the selected zone, i.e. Internet, go to [ActiveX controls and plug-ins]. If [Disable] is selected for [Script ActiveX controls marked safe for scripting], select the default value of [Enable].

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0) Enable (not secure)		
0	Prompt		
I C	inly allow approved domains to use	ActiveX without prompt	
0	Disable		
	Enable		
I R	un ActiveX controls and plug-ins		m
C	Administrator approved		-
0	Disable		
(Enable		
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Takes eff	ect after you restart Internet Expl	orer	
set to:			_
eset to.	Medium-high (default)	▼ Reset	

4. In the Security Settings for the selected zone, i.e. Internet, go to [Scripting]. If [Disable] is selected for [Active Scripting], select the default value of [Enable].



2.1.2. Resetting Internet Explorer settings

You can restore the default IE settings by resetting as follows.

Note)

Restoring the settings following [How to restore the default IE settings] described above is recommended. Follow the steps below only if you have any issue.

Navigation

- 1. Open IE.
- 2. Go to [Tools] > [Internet Options] .
- 3. Select the [Advanced] tab and click [Reset].
- 4. Restart IE.

2. 2. Obtaining a New Client Certificate

2.2.1. Obtaining a New Client Certificate

You will need your user ID and password to obtain your certificate. The required information is provided in an email communication announcing certificate acquisition. See below for instruction.

< Example image of an email announcement for client certificate acquisition > Sender: service_desk@komatsu.co.jp, Title:

"[Komatsu - *Application*] Your Komatsu client certificate issued", "[Komatsu - *Application*] KOMTRAX(High) Certificate Issuance" or "[Komatsu - *Application*] KOMTRAX Certificate Issuance"

[Korr	atsu - KOMTRAX] KOMTRAX(High) Certificate Issuance ()
+	service_desk@komatsu.co.jp to me ☜
	Dear KOMTRAX User,
	Please be advised that processing for your application for a KOMTRAX certificate has been completed. Please follow the instructions below to obtain your digital certificate.
	The new certificate will allow you to access KOMTRAX.
	<how a="" certificate="" client="" install="" to=""> Procedure</how>
	1. Open Internet Explorer to visit the following URL:
	https://ca50.managedpki.ne.jp/KOMATSUCAG2/pages/ee/index.jsp?s=Site1&p=CA1/KomatsuPolicy_2048
	*Certificates will not be obtained via Firefox or Chrome.
	 Type in the "User ID" and "Password" provided below to click on "Login". "You can copy and paste the credentials for accurate entries. "Initial and/or trailing space in Usermane and/or Password will cause login
	failure.
	User ID : Password :
	 Click on "Certificate Request" at the top left of the screen. *The set values of your IE settings may bring up an information bar or a popup window prompting to run ActiveX controls.

Note)

The supported browser is IE only. Certificates will not be obtained using other browsers including Firefox and Chrome.

1. Open Internet Explorer to visit the following URL. A User authentication screen will appear.

[URL] https://ca50.managedpki.ne.jp/KOMATSUCAG2/pages/ee/index.jsp?s=Site1&p=CA1/K omatsuPolicy_2048

← ⊕ @ <u>suffercy 2048/rogmsgi</u> 户 -	- □ <mark>- ×</mark>
File Edit View Favorites Tools Help	
	~
KOMATSU	
User authentication	
The selected policy needs user authentication to issue a certificate. Enter your user ID and password.	
User ID	
Password	
	(i
	cybertrust

 Type the [User ID] and [Password] provided in an email communication entitled "[Komatsu - Application] Your Komatsu client certificate issued" sent from service_desk@komatsu.co.jp then click [Login].

*You can copy and paste the credentials for accurate entries.

*Initial and/or tailing space in User ID and/or Password will cause login failure.

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KOMATSU	
User authentication The anticle poly hash and a checkmatch to have a solution. In the second of th	
	¢t cybertrust

In a KOMATSU End-User Digital Certificate Services screen, go to [Certificate Request]
 > [Certificate Request].

File Edit View Favori	0.managedp	<u></u> ↑ ★ 3
KOMATS	U	Top page Logou
Certificate Request Certificate Request Request Details Request List	KOMATSU End-User Digital Certificate Services	
Certificate Management Download Carthoate Istornation Contract Con	Certificatis Request Submit request for certificate by generating a private key in web browser or PK3 device. Request Details Depipy the detailed information of a request; Request List: Last the requests you submitted. Downlead Certificate Deveniced a certificate by specifying a request ID.	
		cybertrust

*The set values of your IE settings may bring up an information bar or a popup window prompting to run ActiveX controls. When prompted, allow execution.

4. (This step may be skipped depending on your PC's OS version or the settings of IE's Internet Options.) In a Web Access Confirmation dialog, click [Yes].



 (This step may be skipped depending on your PC's OS version or the settings of IE's Internet Options.) In a Potential Scripting Violation dialog, click [Yes].

1	This Web site is adding one or more certificates to this computer. Allowing an untrusted Web site to update your certificates is a security risk. The Web site could install certificates you do not trust, which could allow programs that you do not trust to run on this computer and gain access to your data.
	Do you want this program to add the certificates now? Click Yes If you trust this Web site. Otherwise, click No.

6. Your request to issue a client certificate will be accepted and the associated process will be initiated. Please wait with the browser open.

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File Edit View Favorites T	pols Help					
-						
KOMATSU			Top page			
			Logour			
Certificate Request	Pla	and whit for a while				
Certificate Request	Please wait for a while.					
Request Details	You	r certificate is going to be issued.				
Request List	IL THE	oves automatically. Please wait				
Certificale Management		Request info				
Download Certificate	Request ID	201309050000088				
Information	Reference ID	Q1REEIhsfNSnmigpOqNy4phVrShWow				
Contact	Request status	Wait CA reply for cert				
ca50 managedphi.ne.jp						
Cyber trust secured site	Your request details	are as shown below:				
09/05/13 01:32 GMT	Common Name	TEST 1				
	Organizational Unit	IT Department				
	Organization	KOMATSU				
	DN Email	takeshi_tanaka@qualics.co.jp				
	Organizational Unit	COMPANY - Qualica				
	Organizational Unit	UserID - TEST1				
	Organizational Unit	Application Name - Sample AP				
	Organizational Unit	Authority Level - HIGH				
	Organizational Unit	KPASID - AA000001.				
And the second second second						

 (This step may be skipped depending on your PC's OS version or the settings of IE's Internet Options.) A Potential Scripting Violation dialog appears again, click [Yes]. It will initiate certificate installation to IE.

Potentia	Scripting Violation	-	-		×
	This Web site is addin Web site to update yo certificates you do no this computer and gain Do you want this prog site. Otherwise, click f	g one or more o our certificates t trust, which o n access to you ram to add the No.	ertificates to this o is a security risk. Ti ould allow program ir data. certificates now? (omputer. Allowing an uni he Web site could install s that you do not trust to Click Yes if you trust this	rusted orun on Web
		Yes	No		

8. Installation is complete when a message saying [Successfully installed the certificate.] appears. Click [OK] to close the message box and close IE.

Successfully insta	lled the certificate.

2.3. Renewing a Client Certificate

2.3.1. Renewing a Client Certificate

A client certificate is valid for one year. It may be renewed 2 months prior to its expiration date and the user will receive an email notification for certificate renewal. When you receive one renew the specified client certificate. See below for instruction.

< Example image of an email announcement for client certificate renewal >

Sender: service_desk@komatsu.co.jp,

Title: "[Komatsu] Komatsu client certificate Renewal"



5. Click on "OK" to close a VBScript dialog box, which completes the installation.

Note)

The supported browser is IE only. Certificates will not be obtained using other browsers including Firefox and Chrome.

1. Go to the URL below. Select a client certificate subjected to renewal.

[URL]

https://ca50.managedpki.ne.jp/KOMATSUCAG2/pages/renew/index.jsp?s=Site1



 A KOMATSU End-User Digital Certificate Service page appears. Go to [Certificate Renewal] > [Cert Renewal Request].

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Contraction Contraction	22C-021geperinnewhenes], D = â C X Tools Help	n * 1
🉀 🗃 win2k3 🗿 win2k8		
KOMATS	U	Top page Logout
Certificate Renewal Cert Renewal Request Download renewed cert Information	KOMATSU End-User Digital Certificate Services(Renew) Reveryour Digital Certificate	
Cooled ea50 managedpkine in Cybertrust biourd au Distance and and or/16/13 07:26 GMT	Cert Remewal Request Solumit a non-mail request for certificate using SSL client cert. Download requested cert Decembed a certificate renewed from the current certificate.	
	Contact Contact Page	
		cybertrust

*The set values of your IE settings may bring up an information bar or a popup window prompting to run ActiveX controls. When prompted, allow execution.

 (This step may be skipped depending on your PC's OS version or the settings of IE's Internet Options.) In a Potential Scripting Violation dialog box, click [Yes].

Potentia	l Scripting Violation
<u>.</u>	This Web site is adding one or more certificates to this computer. Allowing an untrusted Web site to update your certificates is a security risk. The Web site could install certificates you do not trust, which could allow programs that you do not trust to run on this computer and gain access to your data. Do you want this program to add the certificates now? Click Yes if you trust this Web site. Otherwise, click No.
	Yes

4. Your request to renew your client certificate will be accepted and the associated process will be initiated. Please wait keeping the browser open.

Windows 7 (EN) - VMware Play	er (非営利日約の使用のみ)			
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information				
Contact	ontad Reguest info			
ca50 managedphi.ne.jp	Request ID	et ID 201308160000031		
cybertrust secured size	Reference II	nce ID (felxeUPV/ThazdoxWsCMf5vWeWdJy		
Chiefe To carrier **	Request stat	est status Cert wait for CA		
	Your request	equest details are as shown below.		
	Common Na	on Name User Name24		
	Organization	zational Unit IT Department		
	Organization	cation KOMATSU		
	DNEmail	nall tsutomu_uehara@qualica.co.jp		
	Organization	zational Unit CAMPANY - CYBERTRUST		
	Organization	zational Unit UserID - TEST02		
	Organization	zational Unit Application Name - Sample AP		
0	Presentation	and a set of the Barrier at the set		

 (This step may be skipped depending on your PC's OS version or the settings of IE's Internet Options.) A Potential Scripting Violation dialog box appears again. Click [Yes] to initiate your client certificate renewal for IE.



6. Installation is complete when a message saying [Successfully installed the certificate.] appears. Click [OK] to close the message box and close IE.

