西肯麦非 VPN 工业远程通信解决方案 远程调试 移动监控 数据采集 数据上云 软件网关

SiteManager Embedded 软件网关 (SME) 安装使用指南

■本指南将引导您如何安装使用 SiteManager Embedded 软件网关

英文官网: <u>www.secomea.com</u>

中文官网: <u>www.xikenmai.com</u>

中文版本: 1801

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1. 准备工作

- 1. 有一台硬件 PC,并拥有 PC 的管理员身份安装 SiteManager 软件网关
- 2. 有登陆 GateManager 服务器管理员账户
- 3. 有 SiteManager 软件网关(简称 SME)绑定授权, LinkManager 客户端/移动端登陆授权
- 4. 上网网络支持访问 https 网页,即个人电脑和公司的防火墙开放 443 端口(通常能上网都会开启这个端口)
- 5. SiteManager 软件网关支持 WindowsXP/Win7/Win8 操作系统 的安装

标注:

SiteManager Embedded 软件网关简称 SME

SiteManager 硬件网关简称 SM



2. 下载安装 SME 软件网关

使用 SME 软件网关的前提是您的电脑能上网,并且您的电脑 IE 浏 览器能访问 https 网页

请前往 <u>https://support.secomea.com/kb/downloads/</u> 地址链接下载 SME 安装包,保存在本地电脑上

SiteManager Embedded

Name	Version	Туре
SiteManager Embedded (32/64bit) WIndows Installer	7.1.16482	exe
SiteManager Embedded for Linux	7.1.16482	tgz

以管理员身份运行安装

(注意:如果您的电脑装了杀毒软件,请将杀毒软件关闭后再运行安装)



点击 Next

🤳 SiteManager Embedded S	Setup
T SiteManager Embedded	Setup
	Nout
	Livext > Cancer



点击 I Agree

icense Agreement Please review the license terms be	fore installing SiteManager Embedded.	્વ
Press Page Down to see the rest o	of the agreement.	
Copyright Copyright 2016, Secomea A/S, De	enmark. All rights reserved.	^
This product is protected by U.S.	and international copyright law.	-
You may not rent, lease, sell, moo this product.	dify, decompile or reverse engineer	
Terms of Use By installing or using this product, by these general terms of use for	you are agreeing to become bound the solution and purposes for which	Ŧ
If you accept the terms of the agr agreement to install SiteManager E	eement, click I Agree to continue. You must ac Embedded.	cept the

使用默认安装路径,点击 Insall 安装

注意: 安装路径不能包含中文文件夹名称, 否则可能会出现故障

U SiteManager Embedded Setup	x
Choose Install Location Choose the folder in which to install SiteManager Embedded.	b
Setup will install SiteManager Embedded in the following folder. To install in a different folder click Browse and select another folder. Click Install to start the installation.	·,
Destination Folder C: \Program Files (x86) \Secomea \SiteManager Embedded Browse	
Space required: 1.7MB Space available: 14.3GB	
< Back Install Cancel	

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点击 Finish SiteManager Embedded Setup Completing SiteManager Embedded Setup SiteManager Embedded has been installed on your computer. Cick Finish to close Setup. Run SiteManager Embedded <</p>

弹出一个浏览器界面

注意:如果不能自动弹出网页,请打开 IE 浏览器复制 localhost:11444 或 127.0.0.1:11444 到 IE 地址栏,并按回车

		About	
	SiteManager Emb	edded for Windows - Setup Assi	stant
Warning: Writ	te filter (EWF) may be enabled. (Car	n not read the status) Your changes may	not be stored on persistent disk
	Pending SiteManag	ger Embedded license from GateManager	r
	1. GateManager:	Not configured	Fix
	2. Device Agents:	No Agents License	Fix
	3. Chat / Scratchpad:	Empty	Edit
	You can open the Setup Accist	ant at any time by clicking on SETUR in	the top menu.
击 1.GateN	Please consult the onl Nanager 后面的 Fi	ine help as your first step in solving setup p X 框 nager Status Log • HELP	roblems.
		lager otatao Log • HELI	
		About	
	GateManager S	About ettings - Setup Assistant	
	GateManager S You should have received informati GateManager Domain Token to ent	About ettings - Setup Assistant on about the GateManager IP address a er here.	nd
	GateManager So You should have received informati GateManager Domain Token to ent Note: Use the [Connect] button afte	About ettings - Setup Assistant on about the GateManager IP address a er here. er saving the settings.	nd
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	GateManager S You should have received informati GateManager Domain Token to ent Note: Use the [Connect] button aft You can continue to configure the S the SiteManager will not be fully op	About ettings - Setup Assistant on about the GateManager IP address a er here. er saving the settings. iteManager without these settings, but erational until it can connect to a GateMa Help Continue Set	nd inager. tup »
	GateManager S You should have received informati GateManager Domain Token to ent Note: Use the [Connect] button aft You can continue to configure the S the SiteManager will not be fully op GateManage	About ettings - Setup Assistant on about the GateManager IP address a er here. er saving the settings. iiteManager without these settings, but erational until it can connect to a GateMa Help Continue Sel ger not connected.	nd mager. tup »
Remote M	GateManager S You should have received informati GateManager Domain Token to ent Note: Use the [Connect] button after You can continue to configure the S the SiteManager will not be fully op GateManage Ianagement: Enabled	About ettings - Setup Assistant on about the GateManager IP address a er here. er saving the settings. itteManager without these settings, but erational until it can connect to a GateMa Help Continue Set ger not connected.	nd Inager. Lup »

Domain Token: Appliance Name:



打开收件箱的 LinkManager 客户端账户或 GateManager 服务器管理 员账户邮件,将 GateManager 服务器地址和域的信息复制到网页的 中的相应位置,并给安装软件网关(SME)的 PC 命一个名称,点 Save 保存

	SETUR	GateManager Status	Log • HELP				
About							
GateManager Settings - Setu 🔤 邮件 📄 TEST-HANGZHOU-LM.Imc (4 KB)							
	You should have rec GateManager Doma Note: Use the [Conr You can continue to	eived information about the Gat in Token to enter here. sect] button after saving the sett	ACT LINKWanager 合广场もトライロマロロ 输入与证书一起的密码并点击安装证书 再次输入密码 点击 Login 登陆				
	the SiteManager will	not be fully operational until it c	· 포고 바이스가 프 ·····	12 G			
		(4.天于此账户设置 SiteManager 远程网天连接到服务器地址和项訊	旧思			
		GateManager not connected	服务器地址(GateManager Address): <mark>121.40.243.148</mark> 远程网关填写服务器的域(Domain Token) <mark>:</mark> TEST2				
	Remote Management:	Enabled 👻					
	GateManager Address:	121.40.243.148					
	Domain Token:	TEST2					
	Appliance Name:	TEST-PC					
	Web-proxy Address: Web-proxy Account: Web-proxy Password:						
	Local SiteManager Address:	19	2 168 16 184				
	Local offenianager Audress						
		* = Mandatory field					
		Save More >>	Connect				
点	击 Connect 按钮						
		GateManager not co	nnected. 🤣				
	Remote Management:	Enabled	•				
	GateManager Address:	* 121.40.243.148					
	Domain Token:	* TEST2					
	Appliance Name:	TEST-PC					
	Web-proxy Address:						
	Web-proxy Account:						
	Web-proxy Password:						
	Local SiteManager Address		192.168.16.184				
		* = Mandator	ry field				
		Save More >:	Connect				



提示 Not Attached! , 这时需要 GateManager 服务器的管理员账户将 License 授权绑定给这个台电脑

GateManager	r cc	onnected: 121.40.243.148:443 (LAN)
Remote Management:		Enabled -
GateManager Address:	*	121.40.243.148
Domain Token:	*	TEST2
Appliance Name:		TEST-PC
Web-proxy Address:		
Web-proxy Account:		
Web-proxy Password:		
Local SiteManager Address:		192.168.16.184
		* = Mandatory field
		Save More >> Reconnect

登陆 GateManager 服务器账户显示如下, 鼠标单机 TEST-PC, GateManager 服务器默认选择两个通道的绑定授权, 鼠标点击 Bind license and attach here 按钮后, 这个 SME 授权将绑给这台 PC 使用

Tree	My Account Ab	out Logoff
٩	💽 🗣 🛷 TEST-PC [Hans_Chen-PC] in 🏯 TEST2	
	Appliance Agents Backups Audit Name: TEST-PC [Hans_Chen-PC] Product: Steldanage Embedded for Windows Sensite 2017-05-27 12:20 Source IP: 14:455.23 Firmmare: cerrv6110(14:452 Locans: A appropriate Stellanager Embedded license is required to attach this appliance. Immare: cervv6110(14:452 Domain Token: TEST Domain Token: TEST Embedded Exate: 2 Appliances must be attached to a dame renore ancels Last heartbeet: 2017-03-27 15:28:02 (3 minutes 30 seconds ago) Next: 15:37:49 (in 06:05) o DEV1 port: 192:168.16.164 Deetaing System: 1 hourd 354 Laeconds Last heartbeet: 1 hourd 354 Laeconds Dathmic: 1 hourd 354 Laeconds Lasten: 1 hourd 354 Laeconds Laeconds Dathmic: 1 hourd 354 Laeconds Laeconds Laeconds Laeconds Dathmic: 1 hourd 354.148 Laeconds Laeconds Laeconds Dathmice: 12017-03-27 152.20.20 Laeconds Laeconds Laeconds Dathearting System: 1 hourd 354.148	on to enable

GateManager 服务器管理员账户授权后,TEST-PC 电脑的感叹号将会 消失,SME 授权的图标将变红并绑定给 PC

Tree	
	٩
E → TEST2 TEST-HANCZHOU-LM (TEST2) STEST-HANCZHOU-LMM (TEST) SM-E (SiteManager Embedded Basic, 2 Agents Starter Package (LinkManager Mobile #e3) Starter Package (LinkManager #a9) TEST-PC [Hans_Chen-PC] STEST-PC [Hans_Chen-PC] STEST-PC [Hans_Chen-PC]	; #67)
SiteManager 软件网关绑定授权分三个不同的机	版本,分别为2通道

(标准版),5通道(扩展版),10通道(扩展版)。



2 通道(标准版):只能将 PC 自身做为一台被远程访问的设备,也就是只能远程访问 PC 自己,不能添加额外的 IP 设备

5 通道(扩展版):可以添加与电脑上网网段相同的 IP 设备,或者 电脑有两个网卡,使用一个本地网卡作为上网的网络,另一个本地 网卡与 IP 设备连接;

10 通道(扩展版):可以添加与电脑上网网段相同的 IP 设备,或 者电脑有两个本地网卡,使用一个本地网卡作为上网的网络,另一 个本地网卡与 IP 设备连接;

SM-E (SiteManager Embedded Basic, 2 Agents #67)

SM-E (SiteManager Embedded Extended, 5 Agents #18b)

SM-E (SiteManager Embedded Extended, 10 Agents #7c)

登陆 LinkManager 客户端的账户,将会看到这台设备已经上线

Logout Services GM Login	Sniffer Chat Refresh
TEST-HANGZHOU	-LM: ROOT.TEST2
Show all Refresh	Image: Provide the state of the state
SME(标准版)只能访问 PC 本身	

	Using 1 of 2 basic agents								
Status Disable S/N Device Name Device		се Туре	Device IP & Parameters	EasyLog		Comment			
IDLE		#A1	Full Access	GENERIC T	EasyLog Client 🔹	PC	1	ÊÛ	
					EasyLog Client Web access (WWW) Remote Desktop (VNC) Remote Desktop (RDP) Desktop PC All ports, 1-way NAT Subnet Device Secure Shell (SSH) FTP Shared Folder] New			

例如使用 VNC 远程桌面,点击 GateManager>>>Agents,给设备一个 名称,添加设备时选择通用 Remote Destop(VNC),点击保存

GateManager Info • General • Agents • Device Relays • Status									
GateManager Agents									
Using 1 of 2 basic agents									
atus Disable S/N	Device Name	Device Type	- De	vice ID & Darameters	Easyl on	Comment			
DLE 🗌 #A1 V	INC INC	GENERIC Remote Desk	cop (VNC) V PC		0 C	connent			
DLE U #A1 V	Inc III	GENERIC Remote Desk	op (VNC) • PC						

在 LinkManager 客户端上就可以看到添加的设备

Logout Services GM Login	Sniffer Chat Refresh
TEST-HANGZHOU	-LM: ROOT.TEST2
Show all Refresh	Joint Contract TEST-HANGZHOU-LM [Hans_Chen-PC] Joint Contract Joint Contract Joint Contract
	Show all Refresh



点击设备的名称, 创建远程的链路

Disconnect Logout Services Sniffer Chat										
VNC (TEST-PC) Auto-reconnect:										
Agent Address Status Connects Packets Bytes ok fail tx rx tx rx							tes rx			
⊛*	5	VNC	192.168.16.184:5900	IDLE	0	0	0	0	0	0
Rour	nd-ti	rip time	: Min: 61.3 ms, Avg: 65	.3 ms, Ma	x: 70.8 n	ns 🤣 🛛 B	andwidth	128 KB/	s Auto-t	une: 💌

·····

打开 VNC 的客户端软件, 输入 192.168.16.184 地址, 点击 Connect

V2 VNC Viewer	
VNC® Viewer	V S
VNC Server: 192.168.16.184	-
Encryption: Let VNC Server choose	•
About Options	Connect

_____ 点击 continue

V2 VNC Viewer	- Identity check						
	? VNC Server not recognized						
VNC Viewer has no record of connecting to this VNC Server, so its identity cannot be checked.							
VNC Server:	192.168.16.184::5900						
Catchphrase:	City cycle exotic. Bunsen pinball storm.						
Signature:	58-52-c3-28-b6-19-5a-be						
Are you sure you want to connect? You won't be warned about this again.							
	Continue Cancel						

输入密码,点击 OK

V2 VNC Viewer - Authentication								
VNC Server: 192.168.16.184::5900								
Username:								
Password:	•							
Catchphrase: City cycle exotic. Bunsen pinball storm.								
Signature:	58-52-c3-28-b6-19-5a-be							
	OK Cancel							



远程 VNC 访问电脑的界面





3. 升级 SME 软件网关授权

如果需要将2个通道(标准版)绑定授权升级到5通道或10通道 (扩展版)的绑定授权授权,购买5通道或者10通道授权后可进行 升级



点击软件网关名称 TEST-PC, 点击证书旁边的加号



选中升级的证书,点击 Upgrade 按钮



点击 Yes



5个通道的授权证书小图标变红,授权已经升级成功



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进入配置界面,将看到设备通道升级到5个

SETUP • GateManager Status Log • HELP									
GateManager Info • General • Agents • Device Relays • Server Relays • Status									
GateManager Agents Using 1 of 5 extended agents									
Status Disable S/N Device Name	Device Type	Device IP & Parameters	EasyLog Comment						
IDLE #A1 VNC	GENERIC Remote Desktop (VNC	PC							
Refresh Save New									

可以添加与上网网络相同的 IP 设备,例如电脑上网的 IP 是 192.168.16.158,同一个局域网另外一台电脑的 IP 是 192.168.16.157,可以添加上这台电脑当作是一台设备

Status Disable S/N Device Name	Device Type	Device IP & Parameters	EasyLog	Comment
IDLE #A1 VNC GE	ENERIC Remote Desktop (VNC)	192.168.16.157	0 60	

Using 1 of 5 extended agents

如果电脑是两个本地网卡,可以添加另外一个网段的设备 例如一台笔记本电脑,使用无线 WiFi 上网,电脑的本地网口与 IP 设备连接,设置设备 IP/掩码处在同一个网段

nternet 协议版本 4 (TCP/IPv4) 属性	? ×
常规	
如果网络支持此功能,则可以获取 您需要从网络系统管理员处获得适	自动指派的 IP 设置。否则, 当的 IP 设置。
◎ 自动获得 IP 地址(0)	
─◎ 使用下面的 IP 地址(S):	
IP 地址(I):	172 . 24 . 2 .200
子网掩码(U):	255 . 255 . 0 . 0
默认网关 (0):	· · ·
◎ 自动获得 DWS 服务器地址(B)	
◎ 使用下面的 DWS 服务器地址(E):
首选 DNS 服务器(P):	· · ·
备用 DNS 服务器(A):	· · ·
🔲 退出时验证设置 (L)	高級(V)
	确定取消

将 IP 设备连接到电脑的网口,添加 IP 设备信息

Using 2 of 5 extended agents											
Status	Disable	S/N	Device Name	Devi	се Туре			Device IP & Parameters	EasyLog		Comment
IDLE		#01	Siemens 1200 PLC	Siemens	Ethernet	۲		172.24.2.15		ÊÛ	
IDLE		#A1	VNC	GENERIC	Remote Des	ktop ((VNC) 🔻	192.168.16.157		đ	
					Refresh	9	Save	New			

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远程访问请参照入门操作指南-西门子远程调试

文档链接: <u>http://www.xikenmai.com/wp-content/uploads/2018/01/STATER-</u> PACKAGE.pdf

4. SME 软件网关与 SM 硬件版远程网关的区别

相同点:

1. SME 软件网管具备的功能在 SiteManager 远程网关上都有,两者都能实现远程访问,但是硬件版 SiteManager 远程网关比 SME 软件网关的功能更多

不同点:

- 1. SME 软件网关只能添加 IP 设备,而硬件版 SiteManager 远程网关可以添加以太网设备,USB 设备,标准的 232 设备
- 2. 硬件版 SiteManager 远程网关上网的网络与设备的网络可以完 全隔离
- 3. SME 软件网关不支持使用 Layer2 二层网络远程访问设备
- 4. SME 不支持 CUSTOM(Advanced)自定义方式添加设备通道
- 5. SME 软件网关支持的系统

SME 软件网关可以直接安装在下列的标准的系统中: -Windows 标准版/服务器版 32/64 位 X86 -Linux x86(多个发行版本)

如果设备的系统是下列之一,也可以支持定制开发

定制开发原则:具有 CPU 和嵌入式系统的硬件,例如人机界面、工 控机、PPC、基于 WinCE/Windows 嵌入版的 PLC、Linux 系统交换 机、安卓移动设备等

- -Windows Embedded X86
- -Windows Compact(CE7)X86*

-Windows Compact(CE7)RAM*

-Linux RAM(多个发行版本)*

-VxWorks ARM*

-其他

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