CardAccess 3000 R



# WEB INTERFACE INSTALLATION PROCEDURE

# Note: Prior to installing the web interface, you must install Microsoft IIS (Internet Information Services).

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# CardAccess **3000**

# CA3000 Software Installation Procedure

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Document Title: Web interface installation procedure.

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Continental Access 355 Bayview Avenue Amityville, NY 11701 Phone (631) 842-9400 Fax (631) 842-9135

Web: http://www.cicaccess.com

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# Important Information - Must be read before installing software.

 Before installing the CA3000 web interface, you must install IIS (Internet Information Services). IIS is a Microsoft product. It is on the XP Professional CD along with the Windows Server 2003 CD. It is recommended to have an IT associate install this before installing the CA3000 web interface (refer to Appendix A).

NOTE: IIS is a webserver. The CA3000Web interface is a web application. All web applications need a webserver to run on. The CA3000Web interface must be installed on the computer with IIS installed on it.

- The installation of the CA3000 web interface will vary whether you have Cardaccess3000 Version 2.6.19 or Version 2.6.19B and later. Version 2.6.19 has the web interface on the Program CD (Disk 1). Version 2.6.19B and later has the web interface on Disk 2.
- 3) The use of the web interface requires the CA3000 security key to have a 5 workstation license.
- 4) IIS (Internet Information Services) must be version 6.0.
- 5) Multiple web browsers work with the CA3000Web interface but it is recommended to use Internet Explorer.

## Scope

This document contains information regarding the installation of the CA3000 web interface. As per the previous notes, Microsoft IIS must be installed on the computer before installing the CA3000 web interface.

# **InstallShield Wizard**

If auto start is enabled on your system, the **CardAccess 3000 Version 2.6 Setup** screen will display after inserting the CA3000 CD in the CD-ROM drive (Refer to Figure 2). If Figure 2 displays, skip ahead to the steps following Figure 2. If nothing happens after inserting the CA3000 CD in the CD-ROM, continue with the next steps.

**Note:** If auto start is not enabled on your system, follow the steps below to execute the program.

- a. Click the **Start** menu on your PC, and then click on the **Run** menu option. You will see the 'Run' dialog box.
- In the 'Run' dialog box, click the white space of the open control, and type in D:\bin\launch.exe (Refer to Figure 1).

**Note**: D represents CD-ROM drive letter. This letter will be different depending on the drive letter of your CD-ROM.



Figure 1.

Click on OK in the 'Run' dialog.

The CardAccess 3000 Version 2.6 setup screen will display (refer to Figure 2).



Click on the CardAccess Web Interface button.

The CA3000 web interface installation screens will display. Refer to figure 3 if the Visual C++ libraries are needed to be installed. If not, skip to figure 4 (Welcome to the CA3000Web Setup Wizard screen).

The following co	Setup omponents will be installed on your n	achine:
	untime Libraries (x86)	
VISUAI C++ N	unume cibranes (xoo)	
 Do you wish	to install these components?	
lf you choose C	ancel, setup will exit.	6
	Install Cance	

Figure 3.

#### Web Interface libraries Installation

NOTE: The installation of the web interface requires certain components to be installed if they are not on the system already. If these are already installed on the computer, the installation process will skip to the CA3000Web Setup Wizard (figure 4).

Click on the **Install** button. The necessary components will be installed. After the installation of these components, The **Welcome to the CA3000Web Setup Wizard** screen will display (refer to Figure 4).

🖶 CA3000Web		_ 🗆 ×
Contine	antal Setup V	Wizard Cess With
The installer will guide you throu computer.	ugh the steps required to install I	CA3000Web Version 2.6.16 on your
		portion of it, may result in severe civil
	Cancel	< Back

Click Next.

The Select Installation Address screen will display (refer to figure 5).

🖶 CA3000Web	
Select Installation Address Continenta	Access
The installer will install CA3000Web to the follow To install to this web location, click "Next". To in Site:	
Default Web Site	Disk Cost
⊻irtual directory:	
CA3000Web	
	Cancel < Back Next>

Figure 5.

A webserver can have multiple websites on it. On the Site selection screen, you must select the "Default Web Site" for the site, along with "CA3000Web" for the virtual directory (refer to the figure 5).

Click Next.

The **Report selection** screen will display (refer to figure 6).



Figure 6.

Verify the Install Reports checkbox is selected.

Click Next.

The **Confirm Installation** screen will display (refer to figure 7).



Click Next.

The Installing CA3000Web screen will display (refer to figure 8).

🔂 CA3000Web		_ 🗆 🗵
Continent		
CA3000Web is being installed.		
Please wait		
	Cancel K Back	Klest >

Figure 8.





A progress bar will display during the installation along with a command window with commands being executed (refer to figure 8 and 9). At the completion of the installation, the **Installation Complete** screen will display (refer to figure 10).

🖶 CA3000Web			_ 🗆 🗵
Installation Complete			s The
CA3000Web has been successfully i	nstalled.		
Click "Close" to exit.			
Please use Windows Update to chec	sk for any critical up	dates to the .NET Fra	mework.
	Cancel	< <u>B</u> ack	
igure 10.			

Click Close.

The Database Connection screen will display (refer to figure 11).

CardAccess Web Utilit	ies		
			🧱 Exit
Database Connection			
SQL Server	KNOWLEDGEBASE	<u>z</u>	]
SQL Database	v26live		Info
	ß	Save Settings	]

Figure 11.

NOTE: You must configure the CA3000Web interface to point to the CA3000 SQL server and the CA3000 database.

Click Save Settings.

The Settings have been saved screen will display (refer to figure 12).

			×
Your s	ettings hav	e been sa	ved
	ОК		N
	Somerono		4

Figure 12.

Click OK.

Click Exit on the database connection screen.

The CardAccess 3000 main menu will display (refer to figure 13).



Figure 13.

Click Exit on the CardAccess 3000 Version 2.6 Setup screen.

The CA3000Web interface installation is complete.

# Executing the CA3000Web interface after the installation is complete.

During the installation, a shortcut to the CA3000Web interface is installed on the desktop (refer to figure 14). After the installation, everything should be configured and all you have to do is execute the CA3000Web interface.



Figure 14.

Click **CA3000Web** shortcut to start the web interface. The CardAccess3000 login screen displays (refer to figure 15).



Figure 15.

## Accessing the CA3000 with a web browser

The CA3000 can be accessed from any computer with a web browser.

In the URL window, you would type the following :

#### http://192.168.1.215/CA3000Web\Login.aspx

🕒 🕢 🔹 🖉 http://192.168.1.215/CA3000Web/Login.ast	pix	🙍 🦛 📉 Live Search
Ble Edit Yew Favorites Looks Help		L
🚖 🕼 🌈 Card Access™ Log In	1	🗿 + 🔝 + 📾 + 🔂 Eage + 🎯 Tgols

#### NOTES :

- 1) **192.168.1.215** is the IP address of the computer where IIS and the CA3000Web Interface is installed.
- 2) CA3000Web is the virtual directory on the computer with IIS installed on it.
- 3) Login.aspx is the name of the CA3000 web application.

# Selecting a different SQL server and CardAccess 3000 database

After the install, use the **CARDACCESS 3000 Web Utilities** to select a different SQL server and a CA3000 database if needed (refer to figure 16 and 17). NOTE: The CardAccess3000Web installation pre-configures this information. In most cases you will not need to modify this.



CardAccess Web Utiliti	es	
		🧾 Exit
Database Connection		
SQL Server	KNOWLEDGEBASE	•
SQL Database	ca26LiveDB02242009_151327	▼ _Info
	Save Settings	
	Ş.	

Figure 17.

# **APPENDIX A**

## **IIS (Internet Information Services) Installation** information

As previously noted, IIS is a Microsoft product. IIS is a webserver that is needed for web applications run on. Web applications are then accessed via a web browser (ex. Internet Explorer). It is highly recommended to have an IT associated who is familiar with web servers and web applications complete the installation prior to installing the CA3000Web interface. The screens below will point you in the right direction for the IIS installation of XP and Windows 2003.

**NOTE:** The Windows XP Professional or the Windows 2003 server CD is needed to install IIS.

#### **IIS installation on XP Professional**

(Refer to the following screens. The following screens are just for reference. Depending on different versions of Windows and different service packs, these screens could vary).

Go to Add/Remove program in Windows XP Profession. Click "Add/Remove Windows Components (refer to figure A1).

The Windows Components Wizard screen will display (refer to figure A2).

Currently installed programs:	Show updates	Sort by: Name	
Adobe Reader 8.1.2	I Drow upgates	Size	NOT THE
Click here for support information.			86.56
Construction and the construction of the second second		Used	tare
To change this program or remove it from your comp	outer, click Change or Remove.	Change	Remov
15 Belarc Advisor 7.1		Size	2,13
CardAccess 3000		Size	465.000
🚺 Dell CinePlayer			
Dell Driver Reset Tool			
Pell Support 3.2.1		Size	30,384
😼 Dell System Restore			
🎃 Digital Content Portal			
EPI Builder Run-Time 6		Size	19.29
FTDI USB Serial Converter Drivers			
📀 Google Toolbar for Internet Explorer		Size	3.96
😼 High Definition Audio Driver Package - K8835221			
15 Intel(R) Graphics Media Accelerator Driver			
🧀 Intel(R) Matrix Storage Manager		Size	0,71
Intel(R) PRO Network Connections 11.0.45.18			
🎪 J2SE Runtime Environment 5.0 Update 6		Size	152.000
🔝 Java(TM) 6 Lindate 7		Sinn	114.006

Figure A1.

indows Components You can add or remove com	nponents of Windows XP.	
	ent, click the checkbox. A s e installed. To see what's inc	
Components:		
🗹 🥌 Internet Explorer		0.0 MB 🔺
🗹 🍋 Internet Information	Services (IIS)	13.5 MB 🔤
🔲 🚉 Management and M	onitoring Tools	2.0 MB
🔲 로 Message Queuing		0.0 MB
MSN Explorer		20.7 MB 🔳
	and FTP support, along with	
Description: Includes Web transactions, A	ctive Server Pages, and data	abase connections.

Figure A2.

Select Internet Information Services(IIS) and click Details.

The Internet Information Services (IIS) screen will display (refer to figure A3).

	f Internet Information Services (IIS):	serie la
Documentation		3.5 MB 👱
Children and the second	er Protocol (FTP) Service	0.1 MB
🗌 🎨 FrontPage	2000 Server Extensions	4.3 MB
🗹 📸 Internet Ini	formation Services Snap-In	1.3 MB
🗹 🛛 🚾 SMTP Ser	vice	1.1 MB
🗹 🔔 World Wid	le Web Service	2.3 MB
	<i>V</i> 3	
	es the HTTP protocol to respond to Web o work	client requests on a TCP/IP
Total disk space re	equired: 32.7 MB	Details
		Er wrediterri



Select World Wide Web Service and click Details.

The World Wide Web Service screen will display (refer to figure A4).

of the component will be installed. To see what's included	aded box means that only p n a component, click Detail:
Subcomponents of World Wide Web Service:	
🗹 📴 Printers virtual directory	0.0 MB
🗌 📴 Remote Desktop Web Connection	0.3 MB
🗌 📴 Scripts virtual directory	0.0 MB
🗹 🔮 World Wide Web Service	1.9 MB
escription: Uses the HTTP protocol to respond to Web network	client requests on a TCP/IF
network	client requests on a TCP/IF Details
network	

Click **OK**. You will be prompted to put in the Windows XP Pro CD.

#### IIS installation on Windows 2003 Server

(This is just a reference. Refer to the following screens. Depending on different versions and Windows and different service packs, these screens could vary).

Go to Add/Remove program in Windows 2003 Server. Click "Add/Remove Windows Components (refer to figure A1).

The Windows Components Wizard screen will display (refer to figure A2).

Currently installed programs:	Show upgates	Sort by: Name	
Adobe Reader 8.1.2		Size	85.47
Click here for support information.		Used	tare
To change this program or remove it from your comp	outer, click Change or Remove.	Change	Remov
🕞 CardAccess 3000		Size	397,000
🔀 CardAccess 3000 Mapping System		Size	6,856.00
CompleteView V3		Size	63.91
EPI Builder Run-Time 6		Size	19.29
Dantronix DeviceInstaller 4.2.0.1 (32bit)		Size	4.63
Hit Microsoft .NET Compact Framework 1.0 SP3 Develop	per	Size	9.871
Ait Microsoft .NET Compact Framework 2.0		Size	59.27
1 Microsoft .NET Framework 2.0 Service Pack 1		Size	187.00
Microsoft .NET Framework 3.0 Service Pack 1		Size	245.00
Microsoft Device Emulator version 1.0 - ENU		Size	1.38
Microsoft Document Explorer 2005		Size	26.61
S Microsoft Office 2003 Web Components		Sizé	18.44
Microsoft SQL Server 2005		Size	805,000
Microsoft SQL Server 2005 Backward compatibility		Size	26.35
A Microsoft SOL Server 2005 Books Online (English)		G70	123.006

Figure A1.

E
haded box means that only luded in a component, click
4.9 MB 🔺
34.4 MB
1.8 MB
1.1 MB
7.9 MB 🔟
vices (IIS), and the
Details
Cancel Help

Figure A2.

Select Application Server and click **Details.** The **Application Server** screen will display (refer to figure A3).

	ents of Application		
🗆 🚡 Appl	ication Server Cor	isole	0.0 MB 🔄
🗆 🍓 ASP.NET			0.0 MB
Enable network COM+ access			0.0 MB
Enable network DTC access			0.0 MB
🗹 🍣 Inter	net Information Se	tvices (IIS)	27.4 MB
🔲 🚅 Mes:	sage Queuing	hç.	7.0 MB
Description:		b, FTP, SMTP, and NNTP su erver Extensions and Active S	
	10000000000000000000000000000000000000		
Total disk sp	ace required:	2.9 MB	Details

Figure A3.

Select Internet Information Services (IIS) and click Details.

The Internet Information Services (IIS) screen will display (refer to figure A4).

	and a second	Information Services (II		
		rver Extensions	14.6 MB	4
🗹 🚡 Internet Information Services Manager			1.3 MB	
🗆 🎯 Internet Printing			0.0 MB	
🗆 🏟 NNTP Service			1.0 MB	
☑ ﷺ SMTP Service		1.2 MB		
🗹 🔔 Worl	d Wide Web S	ervice	8.0 MB	
		15. 1		
Description:		onent of IIS that uses H on a TCP/IP network.	ITTP to exchange information wit	h
Total disk sp	ace required:	2.9 MB	Details	
Space available on disk: 134342.7 MB			165	

Figure A4.

Select World Wide Web Service and click Details.

The World Wide Web Service screen will display (refer to figure A5).

Subcomponents of World Wide Web Service:	
Internet Data Connector	0.0 MB
🗹 🚰 Remote Administration (HTML)	5.7 MB
🗆 🔂 Remote Desktop Web Connection	0.4 MB
🗌 🔊 Server Side Includes	0.0 MB
🗆 💽 WebDAV Publishing	0.0 MB
🗹 😔 World Wide Web Service	1.9 MB
Description: A core component of IIS that uses Web clients on a TCP/IP network.	HTTP to exchange information with
Total disk space required: 2.9 MB	Dataile
Space available on disk: 134342.0 MB	N Details
	OK Cancel



Click **OK**. You will be prompted to put in the Windows 2003 Server CD.

# APPENDIX B

## CA3000Web installation configurations

NOTE: The above CA3000Web installation procedure is always done on the computer with IIS installed on it.

The configuration of the CA3000 with the CA3000Web interface can vary. There are 4 components involved with this (IIS, CA3000Web interdace, CA3000 software and a web browser) Accessing the CA3000 via a web browser can be accomplished with one computer, two computers or three computers.

#### ONE COMPUTER EXAMPLE – (IN MOST CASES, THIS CONFIGURATION WOULD ONLY BE USED FOR TESTING, NOT FOR ACCESSING CA3000 REMOTELY VIA THE WEB)

In this configuration, IIS, CA3000Web interface, CA3000 application and the web browser would all be on one computer. You would access the CA3000Web interface by clicking the CA3000Web shortcut on the same computer.

#### TWO COMPUTER EXAMPLE -

In this configuration, IIS and the CA3000 application would be installed on the same computer. From a remote computer, you would access the CA3000 via a web browser.

#### THREE COMPUTER EXAMPLE -

In this configuration, IIS would be installed on one computer along with the CA3000web application. The second computer would have the CA3000 application installed on it. From a third computer, you would access the CA3000Web interface via a web browser.