

# **Facit Smart Count**

# User guide

April 2024





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# **Downloads**

#### Step 1

All installation files are accessed via the portal: <a href="http://portal.facitdatasystems.com/#/peoplecounting">http://portal.facitdatasystems.com/#/peoplecounting</a>

		Dasht	board Support	FAQ
	People Counter			
User Guide	Downloads	- Ord	ker Now	

# Facit application centre

#### Step 2

Click on "Downloads" and download the "Facit Application Centre".

			Dashboard Support
Downloads			
Applications			
Name	1 Version	1 Size	1 Downloads
Facit Application Centre	v0.3.6	(802.78 MB)	<u>ج</u>
Facit Notification	v0.2.2	(23.49 MB)	<u>ب</u>
Facit Web Server	v2.7.2	(293.58 MB)	<u>ل</u>

Locate the downloaded file on your computer.

Double click on the file name: "Applications\_PeopleCounter\_Facit Application Centre X.X.XSetup.exe" (please note – the X.X.X will represent a number in your download – this is the version number).



You may get a Window message, if so click "More info", and then "Run anyway".



You may get a "User Account Control" message (Do you want to allow this app from an unknown publisher to make changes to your device?"), click "**Yes**".

#### Step 4

On the "Welcome to the Facit Application Centre Setup Wizard", click "Next".

Setup - Facit Application Centre	– 🗆 X
	Welcome to the Facit Application Centre Setup Wizard
	Next > Cancel



On "Licence Agreement", please read and then **select** "I accept the agreement" and click "**Next**".



# Step 6

Select Destination Location, if you accept the recommended location, click "Next".

Setup - Facit Application Centre	– 🗆 X
Select Destination Location Where should Facit Application Centre be installed?	
Setup will install Facit Application Centre into the following folder.	
To continue, dick Next. If you would like to select a different folder, click Browse.	
C:\Program Files\Facit Data Systems	B <u>r</u> owse
At least 2.10 GB of free disk space is required.	
< Back <u>N</u> ext	> Cancel



On the "Ready to Install" window confirming the location of the install, click "Install".



#### Step 8

This will then install, with a progression bar.

Setup - Facit Application Centre	—		×
Installing Please wait while Setup installs Facit Application Centre on your computer.		Q	
Extracting files			
		Car	ncel



Configuring Facit Application Centre, configuration complete, click "Next".



### Step 10

Completing the Facit Application Centre Setup Wizard, click "Finish".

실 Setup - Facit Application Centre	- 🗆 ×
	Completing the Facit Application Centre Setup Mizard
	< Back Einish



# Facit Application Centre - configuration

#### Step 11

On the desktop you will have a new icon "Facit Application Centre.exe", **double click on** icon.



#### Step 12

Once the Facit Application Centre is launched, the next step is to Activate the Licence. The Product Key is automatically inserted, click **"Activate Demo Licence**".

🖁 Facit Application Centre					
Cameras	Live	Setup	Settings	Licence	
	Product Key : 6955183AA	85D1D823983BD4BD3E32FA8 Activat	te Demo License		

# Step 13

This loads the Facit Portal and requires you to fill in the form and click "Submit".

Demo License	
Product Key: 6855183AA85D1D823883BD4BD3E32FA8	
First Name	Last Name
Company Name	Address
Post Code	Select Country
Email Address	Confirm Email Address
I'm not a robot	
Si	ubmit



You are presented with your License Key. Copy the License Key. Minimise or close the Facit Portal Window. *\*You also get an email with all relevant details.* 

Thank you
Thank you for activating your demo license. If you have any questions or require support please contact us on support@facitdatasystems.com
Product Key: 6955183AA85D1D823983BD4BD3E32FA8
License Key: 1BED0536A31444A5B338D00BBD157D5EA851C2531778A6FB5FA77E6BEBD73C08

### Step 15

Paste the License Key into the Facit Application Centre.

🐐 Facit Application Centre				
Cameras	Live	Setup	Settings	Licence
	Product Key : 6955183A Licence Key : 18ED0536 Save	A85D1D8239838D48D3E32FA8 Activa	te Demo License 31778A6FB5FA77E6BEBD73C08	(Invalid)

Click "Save". You get a "Information" window stating, "Data Saved", click "OK"

👫 Facit Application Centre				
Cameras	Live	Setup	Settings	Licence
	Product Key : 695518	3AA85D1D8239838D48D3E32FA8 Activ	ate Demo License	
	Licence Key : 1BED0	536A31444A5B338D00BBD157D5EA851C2	531778A6FB5FA77E6BEBD73C08	Verifying
	Sa	ve		
		Information	n X	
			OK	



🖔 Add Camera		
Camera Settings		
Туре	Camera	v
Name		
IP Address		
Username		
Password		
Camera Port	554	
Profile (rtsp://user:pa	ass@IP-address:554/)	0
FPS	5	~
Application <u>Type</u>	PeopleCounter-Perspective	~
Status	Start	~
		Save

You are presented with a window to "Add Camera".

Fill in the details (Name, IP Address (**of the camera**), Username, Password, Profile). Examples of "Profiles":

Profile (rtsp://user:pas	s@IP-address:554/)		0
FPS Application <u>Typ</u> e	5 PeopleCounter-Perspective		Recommended Stream 320x240, 5Fps, H.264 Profiles Avigilon : defaultSecondary?streamType=u Avig: = wig.media(media amp?recolution=320x248/fps=8)
Status	Start		ConceptPro : snl/live/1/2 Dahua : cam/realmonitor?channel18csubtype=1 Hanywa : profile1/media.smp
		Save	Hikvision : Streamig/Channels/102 HoneyWell : cam1/h264 OnCam : h264/video.sdp?camera=26 Panasonic : ONVIF/MediaInput?profile=def_profile1 Pelco : rstream1 Bosch : rtsp_tunnel Sony : video1

Click "Save".



Camera Settings		
Туре	Camera	v
Name	My Camera	
IP Address	192.168.1.234	
Username	Facit	
Password	Information X	
Camera Port	554 Setting Saved	
Profile (rtsp://user:pas	@IP-addr -address	:554/
FPS	5 (OK)	Ý
Application <u>Type</u>	PeopleCounter-Perspective	Ŷ
Status	Start	¥

You get a "Information" window stating, "Setting", click "OK".



# Facit Application Centre - home screen

### Step 17

You now have the main Facit Application Centre home screen.

🦹 Facit Application Centre						-	×
Cameras		Live	Setup	Settings	Licence		
My Camera	0	FACIT DATA SYSTEMS					
	II	Fr	11:18:43		08:00 - 22:00 Opening Hours Today		
				0 TUO	000	O O CUPANCY	
Add Camera							



# Add more cameras

#### Step 18

At the bottom of the application window, you have "Add Camera".

Add Camera

You are presented with an "Add Camera" window to fill in the details (Name, IP Address (of the camera), Username, Password, Profile).

🐫 Add Camera		Х
Camera Settings		
Туре	Camera ~	
Name		
IP Address		
Username		
Password		
Camera Port	554	
Profile (rtsp://user:pass@l	P-address:554/)	
FPS	5 ~	
Application <u>Type</u>	PeopleCounter-Perspective v	
Status	Start v	
	Save	



Examples of "Profiles".

Profile (rtsp://user:pas	s@IP-address:554/)	
FPS	5	Recommended Stream 320x240, 5Fps, H.264 Profiles
Application <u>Type</u>	PeopleCounter-Perspective	Avigilon : defaultSecondary?streamType=u
	She d	Axis : axis-media/media.amp?resolution=320x24&fps=8
Status	Start	Dahua : cam/realmonitor?channel1&subtype=1
	Sauce	Hanwha : profile1/media.smp
	Save	Hikvision : Streaming/Channels/102
		OnCam : h264/video.sdp?camera=26
		Panasonic : ONVIF/Medialnput?profile=def_profile1
		Pelco : rstream1
		Bosch : rtsp_tunnel
		Sony : video I

Click "Save".

You get a "Information" window stating, "Setting", click "OK".

👫 Add Camera		$\times$
Camera Settings		
Туре	Camera	
Name	My Camera	
IP Address	192.168.1.234	1
Username	Facit	
Password	Information X	
Camera Port	554 Setting Saved	
Profile (rtsp://user:pass@IP	-addr -address:554/	
FPS	5 OK	
	PeopleCounter-Perspective v	
Status	Start v	
	Saue	
	Jave	



# **Configure cameras**

#### Step 19

In the top left-hand corner of the Facit Application Centre you will have a list of all added cameras.

👯 Facit Application Centre	
Cameras High Street	
Netdii	

### Step 20

Select the camera to "Setup" by clicking on the one you require to setup (top left-hand corner) and click on "**Setup**".



\*Stream

- *Is set as default as "VIDEO", we recommend leaving this switch as is.*
- Image is only used to aid Support Cases.



You will see an orange bar with four (4) white squares and a white spoon.

- The orange bar is the Smart Count zone operational area.
- The four (4) white squares allow you to adjust the zone size, click on any of the white squares and drag the mouse to resize the zone to the required size/location.
- The white spoon has two functions:
  - a. Clicking on the white spoon allows you to spin the zone in any direction.
  - b. The white spoon denotes the flow/direction of travel through the zone. In the image above the flow is from the top down.



*\*If you select one of the four squares you can adjust the size of the window.* 

\*If you select the orange box you can move the whole box into a new location.

Once the Smart Count zone is setup, **turn ON Debug** to make sure you are capturing what you require from the zone and the count is correct (for more information see Step 22).

Remember to turn OFF Debug when you have set the Smart Count zone.



You have three (3) setup options:

- Uni-Direction
- Debug
- GDPR compliance

Direction	
Debug OFF ON	
GDPR Compliance	
	Save

# Uni-Direction untick (as default)

Ticking "Uni-Direction" allows you to select IN or OUT only.

Direction Uni-Direction IN OUT	
Debug OFF ON	
GDPR Compliance	
	Save



#### **Debug OFF or ON**

Turning ON adds a white rectangle around persons to show how the Facit algorithm captures persons in People Count mode. Only use for testing.



#### GDPR compliance OFF or ON

Turning ON adds a blur around persons to comply with GDPR requirements. Use as required.



Make sure you SAVE any changes.



# Facit Application Centre - live

#### Step 23

The "Live" window gives you a view of what is happening with your installed cameras.

- Current Time, Opening Hours, In, Out, Occupancy.
- IN how many people have pasted the cameras in an IN direction.
- **OUT** how many people have pasted the cameras in an OUT direction.
- OCCUPANCY how many people are in the camera location(s) (IN OUT = Occupancy).

🦌 Facit Application Centre					-	
Cameras	Live	Setup	Settings	Licence	e	
High Street Retail	<b>FAC</b>	Т				
				(	Ð	
		<b>11:37:10</b> Friday, 26 February 2021		<b>08:00</b> Opening H	- 22:00 Hours Today	
			_			
		73	34		39	
		IN	OUT		OCCUPANCY	



# Facit Application Centre - settings

#### Step 24

Under "Settings" you have several configuration options.

- Store Details
- Application
- Notifications
- Opening Hours
- Holiday Timings

meras	Live		Setup			Settings	Licence
h Street	Store Details				A	pplication	
311	Country Code					-	•
	Store Id	•			-	Recommended	· U
	Device Name						Save
				Save			
	Notifications						
	IP Address	127.0.0.1			7		
	Port	2501			7		
	Status	Off	• ON				
		_					
				Save			
	Oneretin II						
	Operating Hours						
	All Week						Sync
	 Monday		O8 : 00	Ŀ	22 : 00	All Day	Closed
			0	0			
	Tuesday		08 : 00	C	22 : 00	All Day	L Closed
	Wednesday		(L) 08 : 00	Ŀ	22 : 00	All Day	Closed
	Thursday		0 08 : 00	0	22 : 00		Closed
	,		0 00 00	0	22 . 00		
	Friday		© 08 : 00	G	22 : 00	🗌 All Day	Closed
	Friday Saturday		© 08 : 00 © 08 : 00	© ©	22 : 00 22 : 00 22 : 00	All Day	Closed
	Friday Saturday		() 08 : 00 () 08 : 00 () 08 : 00	© ©	22 : 00 22 : 00 22 : 00	All Day	Closed
	Friday Saturday Sunday		<ul> <li>08 : 00</li> </ul>	© © ©	22 : 00 22 : 00 22 : 00 22 : 00	All Day	Closed
	Friday Saturday Sunday Holiday Tim	inas	© 08 : 00 © 08 : 00 © 08 : 00 © 08 : 00	© © ©	22 : 00 22 : 00 22 : 00 22 : 00	☐ All Day ☐ All Day ☐ All Day	Closed
	Friday Saturday Sunday Holiday Tim	ings	© 08 : 00 © 08 : 00 © 08 : 00 © 08 : 00	© ©	22 : 00 22 : 00 22 : 00 22 : 00	☐ All Day ☐ All Day ☐ All Day	Closed
	Friday Saturday Sunday Holiday Tim	ings	© 08 : 00 © 08 : 00 © 08 : 00 © 08 : 00	0	22 : 00 22 : 00 22 : 00 22 : 00 End Time	☐ All Day ☐ All Day ☐ All Day ☐ All Day Closed	Closed Closed Closed Closed + Delete
	Friday Saturday Sunday Holiday Tim	ings	© 08 : 00 © 08 : 00 © 08 : 00 © 08 : 00	© ©	22 : 00 22 : 00 22 : 00 22 : 00 End Time	☐ All Day ☐ All Day ☐ All Day ☐ All Day Closed	Closed Closed Closed Closed + Delete



#### Step 24a: store details

Give your STORE its Country Code, Store Id and Device Name (the is the name of the device with the cameras connected too), make sure you click "**Save**" to update system.

Store Details		
Country Code		
Store Id		
Device Name		
	Save	

#### Step 24b: application

As default its "Recommended".

Application	
Recommended	~ <b>()</b>
	Save

You can change to "High performance" or "High accuracy" if required.



- High performance = high performance in terms of hardware utilisation, the accuracy might be slightly different.
- Recommended = Optimal use of hardware for optimal accuracy.
- High accuracy = High hardware utilisation for best accuracy.



Changing the application may have an impact of the FPS (frames per second) based on the local hardware performance. This can be checked by clicking on "**Setup**" and seeing what the FPS number is by "Stream", we recommend 5 or above, if lower change the Application (as described above).



If you select another mode, make sure you click on "Save".



#### Step 24c: notifications

This is used for Store Signage Traffic Light information screens and points to the device running these screen(s).

IP Address	127.0.0.1	
Port	2501	
Status	Off 💽 ON	

If you make changes, make sure you click on "Save".

#### Step 24d: opening hours

With all items WHITE = this enables you to edit and change Open Time, Close Time, All Day or Closed functions.

Operating Hours				
All Week				Sync
Monday	(b) 08 : 00	(L) 22 : 00	All Day	Closed
Tuesday	(b) 08 : 00	C 22 : 00	🗌 All Day	Closed
Wednesday	(b) 08 : 00	22 : 00	All Day	Closed
Thursday	(L) 08 : 00	22 : 00	🗌 All Day	Closed
Friday	(b) 08 : 00	(L) 22 : 00	All Day	Closed
Saturday	(b) 08 : 00	22 : 00	All Day	Closed
Sunday	(L) 08 : 00	22 : 00	All Day	Closed

With Open Time and Closed Time GREYED out = system operational 24 hours a day.



# Step 24e: holiday timings

You can preload "Holiday Timings" (Bank Holidays, Closures etc) into the systems.

		,g-
Start Time End Time Closed Delete	Start Time	Date

#### Click on the "+" (add symbol).

sed Delete
Delete
Sav

Select the "Date" required and click OK.

•	F	ebru	۲			
Мо	Tu	We	Th	Fr	Sa	Su
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
1	2	з	4	5	б	7
						ОК



Select the **"Start hour**".

Hour 🗙						
0	1	2	3	4	5	
6	7	8	9	10	11	
12	13	14	15	16	17	
18	19	20	21	22	23	

#### Select the "Start minutes".

Minutes									×
0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59

Select the "Close hour".

Select the "Close minutes".

Once created, make sure to click "Save".

Holiday Timings					+
Date	Start Time	End Time	Closed	Delete	
2021/04/02	<b>(</b> 9:0	(1) 19 : 0		Delete	
					Save



# Facit notification - store message screens

#### Step 25

Click on "Downloads" and download the "Facit Notification".

			Dashboard Support
Downloads			
Applications	* Varian	* Size	. Dowologde
	version	↓ Size	Downloads
Facit Application Centre	v0.3.6	(802.78 MB)	<u>لا</u>
Facit Notification	v0.2.2	(23.49 MB)	と
Facit Web Server	v2.7.2	(293.58 MB)	لل

Locate the downloaded file. Double click on the file name:

"Applications\_PeopleCounter\_Facit Notification X.X.X Setup.exe" (please note – the X.X.X will represent a number in your download – this is the version number).

### Step 26

You may get a Window message, if so click "More info" and "Run anyway".



You may get a "User Account Control" message (Do you want to allow this app from an unknown publisher to make changes to your device?"), click "**Yes**".



On the "Welcome to the "Facit Notification Setup Wizard", click "Next".



# Step 28

On "Licence Agreement", please read and then **select** "I accept the agreement" and click "**Next**".





Select Destination Location, if you accept the recommended location, click "Next".



# Step 30

Select Component, leave "Nodejs" ticked, click "Next".





On the "Ready to Install" window confirming the location of the install, click "Install".

🎴 Set	tup - Facit Notification	-		×
Rea	ady to Install Setup is now ready to begin installing Facit Notification on your computer.			Ð
C C	Click Install to continue with the installation, or click Back if you want to review or change	e any sett	ings.	
	NodeJS 12.18.4 will be installed			~
	<		>	
	< Back Inst	tall	C	ancel

#### Step 32

This will then install, with a progression bar.





Configuring Facit Notification, configuration complete, click "Next".



#### Step 34

Completing the Facit Notification Setup Wizard, click "Finish".





On the desktop you will have a new icon "FacitNotification.exe", double click on icon.



This is the screen displayed at store entrances showing the status based on your occupancy requirements.



If you click on "**Occupancy Measure**", you get a drop-down menu with two options, "Setting (F5)" and "Window".





### Step 35a

Clicking on "Settings", brings up a login window.

×
۷

Default password is password, click "Login".

Settings	×
Occupancy	
Current	
Maximum	10000
	Save

This is an override function if store occupancy seems wrong.

Any changes click "Save".

Any number inserted here is reset overnight back to zero (0).

#### Step 35b

Clicking on "Settings", brings up a login window.

•	Settings	>	(
	user	v	
	Password		
	Login		

If you click on the DOWN ARROW, you get an option to select "admin".



Default password is password, click "Login".

Settings	×
user	•
user	
admin	
Login	
	_

This gives you additional editable functions:

Settings			× Advance>>
Occupancy		Customer Flow	
Current Maximum	10000		10
	Save	Delay (Seconds)	1
		Window (Minutes)	2 Save

- Customer flow = the regulated arrival process
- Enable = if ticked, this enables a custom delay as per below.
- Customers = how many customers can arrive in what time (as below "Window").
- Delay (seconds) = the delay in seconds until the system will allow another customer to enter
- Window (minutes) = how many customers can arrive within defined minutes, if over customer number (as above) then a delay is triggered



Clicking on "Advance >>" brings up the ability to change the "Go Image" and "Stop Image" as well as (if ticked) Show Occupancy. The Api Call allows the Show Occupancy information to be sent to another device, the URL of this devices is inserted in this field.

Settings	×
<	
Go Image	
	Browse
Stop Image	
	Browse
Show Occupancy	
X:         0         Y:         0         Font Size:         16         Color:	#FFFFFF
🗆 Api Call	
	Save

Any changes click "Save".

#### Step 35c

Clicking on "Window" gives three options, "Maximised", "Normal" and "Minimised":



- Maximised = full screen and recommend for screen deployment
- Normal = shows with computer window
- Minimised = drops the window to the windows tool bar



# Facit Webserver (reporting tool) - installation

#### Step 36

Click on "Downloads" and download the "Facit Web Server".

			Dashboard Support
Downloads			
Applications			
Name	Version	1 Size	Downloads
Facit Application Centre	v0.3.6	(802.78 MB)	<u>ب</u>
Facit Notification	v0.2.2	(23.49 MB)	<u>له</u>
Facit Web Server	v2.7.2	(293.58 MB)	<u>ب</u>

Locate the downloaded file and double click on the file name:

"Applications\_Calculas\_Facit Webserver X.X.X Setup.exe". (please note – the X.X.X will represent a number in your download – this is the version number).

#### Step 37

You may get a Window message, if so click "More info", and then "Run anyway".



You may get a "User Account Control" message (Do you want to allow this app from an unknown publisher to make changes to your device?"), click "**Yes**".



On the "Welcome to the Facit Webserver Setup Wizard", click "Next".



#### Step 39

On "Licence Agreement", please read and then **select** "I accept the agreement" and click "**Next**".

Setup - Facit Webserver	-		×
License Agreement Please read the following important information before continuing.		Ģ	
Please read the following License Agreement. You must accept the te agreement before continuing with the installation.	erms of th	nis	
FACIT DATA SYSTEMS LIMITED - END USER SOFTWARE LICENSE AG (EULA) 1st May 2016 VERSION This EULA sets out the scope and terms of a licence for the Software this EULA. The Software is licensed, not sold. The Software was produced by, is licensed by, and is © Copyright Systems Limited (from September 1st 2014) (referred to as "Facit" o "Licensor"), a company registered in England and Wales with compan 09090054 and with registered office Atlantic House 8 Bell Lane, Bell Industrial Estate, Uckfield, East Sussex, England, TN22 1QL. THE LICENSEE'S ATTENTION IS DRAWN TO CLAUSE 8 WHICH EXCLU I accept the agreement I do not accept the agreement	REEMEN e describe Facit Dat r the y numbe prook JDES ALL	T A ed in ta tr	
< <u>B</u> ack <u>N</u> ext	:>	Can	cel



Select Destination Location, if you accept the recommended location, click "Next".



### Step 41

Select Components, leave "Postgresql Database" and "Nodejs" TICKED, click "Next".

Setup - Facit Webserver	_		×
Select Components Which components should be installed?		(	
Select the components you want to install; clear the components you install. Click Next when you are ready to continue.	ou do not	want to	
Postgresql Database			•
Nodejs			
Current selection requires at least 584.0 MB of disk space.			
< <u>B</u> ack <u>N</u> ex	ct >	Can	cel



Select Start Menu Folder, if you accept the recommended location, click "Next".

Setup - Facit Webserver -	-		×
Select Start Menu Folder Where should Setup place the program's shortcuts?		Ģ	
Setup will create the program's shortcuts in the following Start	Menu	folder.	
To continue, click Next. If you would like to select a different folder, clic	k Brov	vse.	
Facit Webserver	Bro	wse	
< <u>B</u> ack <u>N</u> ext >		Can	icel

# Step 43

Ready to Install window lists items being installed, click "Install".

Setup - Facit Webserver	_		×
Ready to Install Setup is now ready to begin installing Facit Webserver on your of	omputer.	G	
Click Install to continue with the installation, or click Back if you w change any settings.	ant to revie	w or	
Older Version of NodeJS 12.18.4 Detected, New version 12.18. Older Version of Postgres 12.2-2 Detected, New version 12.2-2 Facit Webserver will be installed at C:\Program Files\FacitWebServer	4 will be ins 2 will be insta	talled A	
<		>	
< <u>B</u> ack	Install	Can	cel



You get an "Installing" window with a progression bar.

<mark>)</mark> Setup - Facit Webserver	_		×
Installing Please wait while Setup installs Facit Webserver on your computer.			Ð
Extracting files			
		Car	ncel

#### Step 44

Setup -PostgreSQL, click "Next".

🂐 Setup		—		×
Packaged by:	Setup - PostgreSQL			
POSTGRES	Welcome to the PostgreSQL Setup Wizard.			
PostgreSQL				
(f)				
0				
	< Back N	ext >	Can	cel



Installation Directory click "Next".

🍯 Setup		_	
Installation Directory			
Please specify the directory where PostgreSQL will be insta Installation Directory C:\Program Files\PostgreSQL\12	lled.		
VMware InstallBuilder			
	< Back	Next >	Cancel

Step 46 UNTICK "Stack Builder" and click "Next".

👼 Setup	- 🗆 X
Select Components	
Select the components you want to install; clear the you are ready to continue.	he components you do not want to install. Click Next when
PostgreSQL Server     pgAdmin 4     Stack Builder     Command Line Tools	Stack Builder may be used to download and install additional tools, drivers and applications to complement your PostgreSQL installation
nstallBuilder	< Back Next > Cancel



Data Directory, if you accept the recommended location, click "Next".

🍯 Setup			_		×
Data Directory					
Please select a directory under which to store your data. Data Directory : Program Files PostgreSQL 12 data					
/Mware InstallBuilder	< Back	Nex	kt >	Can	cel

# Step 48

Pre-Installation Summary, click "Next".

	3	
Pre Installation Summary		
The following settings will be used for the installation::		
Installation Directory: C:\Program Files\PostgreSQL\12 Server Installation Directory: C:\Program Files\PostgreSQL\12 Data Directory: C:\Program Files\PostgreSQL\12\data Database Port: 5432 Database Superuser: postgres Operating System Account: NT AUTHORITY\NetworkService Database Service: postgresql-x64-12 Command Line Tools Installation Directory: C:\Program Files\PostgreSQL\12 pgAdmin4 Installation Directory: C:\Program Files\PostgreSQL\12 Stack Builder Installation Directory: C:\Program Files\PostgreSQL\12		< >
VMware InstallBuilder 	Car	ncel



Ready to Install, click "Next".

📲 Setup	_		×
Ready to Install			
Setup is now ready to begin installing PostgreSQL on your computer.			
VMware InstallBuilder 	Next >	Cance	el

You get an "Installing" window with a progression bar.

Installing Please wait while Setup installs PostgreSQL on your computer. Installing Unpacking C: \Program []ostgresql\html\sql-altermaterializedview.html	Setup		_		х
Please wait while Setup installs PostgreSQL on your computer. Installing Unpacking C:\Program []ostgresql\html\sql-altermaterializedview.html	Installing				
Installing Unpacking C: \Program []ostgresql\html\sql-altermaterializedview.html	Please wait while Setup installs PostgreSQL on your comput	er.			
Unpacking C: \Program []ostgresql\html\sql-altermaterializedview.html           Image: Second Seco	Installing	,			
VMware InstallBuilder	Unpacking C:\Program []ostgresql\html\sql-altermaterializ	edview.html			
VMware InstallBuilder					
VMware InstallBuilder < Back Next > Cancel					
VMware InstallBuilder < Back Next > Cancel					
VMware InstallBuilder					
VMware InstallBuilder					
VMware InstallBuilder					
VMware InstallBuilder					
VMware InstallBuilder 					
VMware InstallBuilder					
VMware InstallBuilder 					
< Back Next > Cancel	VMware InstallBuilder				
		< Back	Next >	Cano	el



Completing the PostgreSQL Setup Wizard, UNTICK "Stack Builder" and click "Finish".



# Step 51

Facit Webserver continues "Extracting files", and shows a progression bar.

Setup - Facit Webserver	_		×
Installing Please wait while Setup installs Facit Webserver on your computer.		Q	
Extracting files			
		Can	icel



PostgreSQL Login Credential, recommend password for the Database is "facit", click "**Next**" to accept all recommendations.

싙 Setup - Facit Webserver		-	
PostgreSQL Login Credentials Please enter postgresql login o	<b>s</b> redentials		<b>H</b>
Database Name	facit_server		
Database User	postgres		
Database Password	••••		
Database Port	5432		
Postgres Path	C:\Program Files\PostgreSQL\		
	Next	>	Cancel

Testing and Creating Database, with a progression bar.

Setup - Facit Webserver -	· 🗆	$\times$
<b>Testing and Creating Database</b> Please wait while installer finishes configuring database		
Initializing Database		
< <u>B</u> ack <u>N</u> ext >		



Testing and Creating Database, Database Initialised, click "Next".



Configuring Facit Webserver, with a progression bar.

싙 Setup - Facit Webserver		_	
Configuring Facit Webserver Please wait while installer Configuring			Ð
Please Wait, Finalizing Installation			
	< <u>B</u> ack	<u>N</u> ext >	



Configuring Facit Webserver, configuration complete, click "Next".

🝚 Setup - Facit Webserver	—	$\times$
Configuring Facit Webserver Please wait while installer Configuring		
Configuration complete, click Next to continue.		
< <u>B</u> ack <u>N</u> e	xt >	

# Step 55

Completing the Facit Webserver Setup Wizard, click "Finish".





# Facit Webserver (reporting tool) - admin

# Step 56

Open your preferred web browser and type in http://localhost:8085/ and press "enter" on the keyboard.



Fill in the login credentials provided to you.

Default username is **admin@facitdatasystems.com** and Password is **password**.

You are presented with the "Admin Home Page".

← → C ① Iscalhout2005/#/admin             ← → C ② EACLT             ← → C ③ Iscalhout2005/#/admin             ← → C ④             ← → C ④             ← → C ④             ← → C ④             ← → C ④             ← → C ④             ← → C ④             ← → C ④                 ← → C ④	et Data Syntems x 🤪 Fach Data Admin x 🕇	- 8	×
C FACIT 12-27 FM2027 (03)-01	C O localhost5005/#/Jadmin	• 🛧 😝	:
	FACIT	Admin 🥑 2:37 PM - 2021/03/01	
년Region 전 Add Store		☑ Region	]
Store M Name Type Address Town Postcode Region Longitude Latitude Open Close Operations	M Name Type Address Town Postcode Region Longitude Latitude Open Close	Operations	
No Mare Researds	No More Records		_

We need to set up "Region(s)" and "Store(s)".



To add a "Region", click on "**Region**".



You get a list of "Regions" already installed and the ability to "Add Region".

					Admin 9
← Back					ZAdd Region
Id	Name	Code	Color	Operation	
			No More Records		

Click "Add Region".

12:58 PM - 202	Admin 🥑 1/03/01
	☑ Add Region



Enter the credentials of "Region".

If you define a colour, all the stores in this region will be shown on map with the store colour.

Add Region		
Region Id		
Region Name		
Region Code		
Store Color	#000000	
		Cancel Add

Example:

Add Region	
Region Id	0001
Region Name	Bedforshire
Region Code	B1
Store Color	#da1010
	Cancel Add

To implement information, click "Add".



To add a "Store", click on "Add Store".



Enter the credentials of "Store".

Add Store	
Store Id	
Store Name	
Store Type	Superstore 🗸
Store Address	
Store Town	
Postcode	
Region	~
Longitutde	0
Latitude	0
Open	00:00:00
Close	© 23:00:00
	Cancel Add

To implement information, click "Add".



Once you have added a "Store" you will see an overview of stores added.



On the right hand-side you will see five (5) icons.



- Blue Cog = Settings (which reports you require the application to capture, see below). Green Pencil = Update (amend Store Details)
- Blue Camera = Camera (not used).
- Blue Monitor = Server (need to add a server, see below). Red Bin = delete selected store

#### Step 61

Click on "Settings" (the Blue Cog).

settings					
Camera Comparison Graph				⊠Region	🗹 Add
Live Dashboard Graph	angitu	de Latitude	Open	Close	ations
Customers Category		0	00:00:00	23:00:00	¢ / @ 🖓 I
Hourly Graph					
Weekly Graph					
Performance					
Hourly Graph					
HeatMap					
HeatMap					
Regional Activity					
Regional Footfall					
Activity vs Footfall					
QueueManager					
QueueManager (Min)					
Wait Time Chart					
	_				



Turn on "Hourly Graph" (this turns on "Customers Category") and "Weekly Graph" and click "**Update**".

Settings		
Camera Comparison Graph		
Live Dashboard Graph		
Customers Category		
Hourly Graph		
Weekly Graph		
Performance		
Hourly Graph		
HeatMap		
HeatMap		
Regional Activity		
Regional Footfall		
Activity vs Footfall		
QueueManager		
QueueManager (Min)		
Wait Time Chart		
	Cancel	Update



Click on "Blue Monitor" (Server).

Top right-hand corner you can "Add Server", click on this button.



You get a window to "Add Server", fill in details.

IP Address is the address of the device running the application. File Port is normally 4050 and Status Port is normally 8002. **Make sure you "Enable File Receiver**". Click "**Add**".

Add Server	
Server Name	
IP Address	192.168.1.1
File Port	4050
Status Port	8002
Enable File Receiver	
	Cancel

Once added you get an overview of the added server.

$\leftrightarrow$ $\rightarrow$ C ( ) localhost:8085/#1/admin					∾ ☆ 🕒 :
					Admin • 11 AM - 2021/03/02
← Back					Z Add Server
Server Name	IP Address	File Port	Status Port	Operations	
Local	192.168.1.231	4050	8002	<b>/</b>	
		No More Records			

Click "Back" top left-hand corner to move back a window.





# Facit Webserver (reporting tool) - User

# Step 63

Open your preferred web browser and type in http://localhost:8080/ and press "enter" on the keyboard.



Fill in the login credentials provided to you. Default Username is **server@facitdatasystems.com** and Password is **password**.

You are present with the "Reporting Home Page".





On the left had corner you have "Customers", **click** on this and you are presented with an updated window with data displayed.

	Reports Settings	Server 📀
Cutomer		
2021-03-01		Print     D Export CSV     1-High Street     All
People Count	Hourly Weekly	Total Customers 4,767
40	4,707	
13		
28		
1.0		
Tue 23 Feb 21 Wed 24 Feb 21 The 25 Feb 21 Fri 26 Feb 21 Sat 27 Fe	Feb 21 Sun 28 Feb 21 Mon 01 Mar 21	

Below "Customers" you have the current date displayed.



You can click in this date window and bring up a calendar and select any date that you require to report on. The report window is automatically updated.

2021-03-01								
	Feb 2021						>	_
Р	Su	Мо	Tu	We	Th	Fr	Sa	
	31	1	2	3	4	5	б	
4.8	7	8	9	10	11	12	13	
	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	
3.5	28	1	2	3	4	5	6	
	7	8	9	10	11	12	13	
2.5.								-



The report window "People Count" as default give you a week of daily totals with a "Total customers" on the right-hand side.

People Count					Hourly Weekly	Total Customers 4,767
48 25						
2.5k						
1.5x 960						
0 0 Tae 23 Peb 21 Wed 24 Peb 21	0 Thu 25 Feb 21	0 Fri 25 Feb 21	0 Sat 27 Feb 21	0 Sun 28 Feb 21	Mon 01 Mar 21	

You can click on "Hourly" and the window will update automatically with each day of the week with hourly totals. If you move the mouse over the main left window (People Count), if shows the data for that day on the right-hand side as bar graphs.

People Co	unt																				(	Hour	ly	rekly	Total Customers 4,767
	0-1	1-2	2-3	3-4	4.5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	12-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	61765	22-23	23-0	
Tue(23)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Hourly Chart
Wed(24)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.	
Thu(25)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230 220 110
Fri(26)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00 01 02 03 04 05 08 07 08 08 10 11 12 13 14 15 18 17 18 19 20 21 22 23
Sat(27)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Weekly Chart
Sun(28)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	590
Man(01)	0	0	0	0	0	0	0	0	0	0	0	0	364	533	482	437	350	444	543	543	525	546	0	0	440 330 220
0	>+0			×1		5	-2		>43			>44		241	29		>+218			427		>=426		•	10 Tue Vied Thu Pri Sat Sun Mon

The top right-hand side you have four (4) boxes.

_					
	🖶 Print	Export CSV	1-High Street 🗸 🗸	All	~



"All" is highlighted and means all cameras are selected to report on. If you click in that box you will get a list of camera names. Selecting a camera names (High Street) will update the report window automatically with data for that named camera only.

		All <mark>All</mark> Higł Reta	n St ail	reet	, i	~								
-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Hour 21-22	'ly 22-23	Weekly 23-0	Total 1,2	B Print B Export CSV 1-High Street      High Street
	0	0	0	0	0	0	0	0	0	0	0	0	Hour	y Chart
	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0202	1-02-2	6: 0 <sub>0</sub>	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0.0	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
	0	0	0	0	0	0	0	0	0	0	0	0	Week	ly Chart
	0	0	0	0	0	0	0	0	0	0	0	0	110	
	94	139	122	112	91	112	136	142	138	139	0	0	90 67 45	
		>=28			>=56		>=	:85		>=113			22	Tue Wed Thu Fri Sat Sun Mon

The box **"1-High Street**" is the Store ID and Name as detailed in step 59. Depending on your setup you may have more that one store available to see.



The "**Print**" box allows you to print the information displayed in the window.





										H	) F	AC	∏ ≫et							Print
					High Street															Destination Anybesk
People	Count																			Pages All
Hourly	We	ekly																		, Light the second seco
	81	14	23	24 4	6 54	67	24		19-11	19-12 1	213 131	14 14-15	15-16 1	16-17 17	-18 18-1	9 18-22	20-21	21-22	22-23 X	Lavout Portrait
Tax(23)	0	0	a	0 0	0	0		0 0	0	0	0 0	0	0			0	0	0		Edjour Fordur
Wall(24)					0							0						0		
Thu39	0	0	a		•		0	0 0		0		0				0	0	0		Colour Colour
Treple Sector	0	0			0								-			0	0	-	-	
feed to	0	0	0			0		0 0				0	1			0		0		
Mar(21)	.0	0				0														More settings
Total Cu	tomer																			

The " $\ensuremath{\mathsf{Export}}\ \ensuremath{\mathsf{CSV}}\xspace''$  box allows you export the information displayed in the window as a CSV file.

🖶 Print	Export CSV	1-High Street 🗸	All	~



#### Step 64

Click on "Settings" and you get information of the system settings.

0	FACIT ata systems		Reports	Settings				Ģ	Ļ	Server 11:18 AM - 2021/03/02
										2 Regions
Id	Name	Address	Town	Postcode	Region	Longitutde	Latitude	Open	Close	Operation
1	High Street	Willows 3, Mill Farm Courtyard, Beachampton Milton Keynes MK19 605	Mition Keynes	Mk19 6DS	1-Bedforshire	0	0	00:00:00	23:00:00	✓ ≡ ©

On the right-hand side is three (3) green icons.

- Green Pencil Store Details
- Green List Category
- Green Clock Timings



	Operatio	n	
1	≣	0	

Clicking on the "Green Pencil" (Store Details), brings up a window with details of your store. If you make changes (not recommended) click "**Update**".

Store Details	
Name	High Street
Address	Willows 3, Mill Farm Courtyard, Beachampton Milton I
Town	Miltion Keynes
Postcode	Mk19 6DS
Region	1-Bedforshire 🗸
Longitutde	0
Latitude	0
Open	00:00:00
Close	© 23:00:00
	Cancel Update

Clicking on the "Green List" (Category), brings up a window with details of your categories. If you make changes (not recommended) click "**Save**".



Category			
Category Type	Heatmap		~
Category Name			~
Camera Name	Entrance		~
		Cancel Save	
Category Name	Camera Name	Operation	*

Clicking on the "Green Clock" (Category Timings), brings up a window with your store opening timings. Default setup is custom to your store.

Category	Timin	gs						
		Category	All		~			
	All Wee	ek					Syn	c
Monday	O	08:00	0	22:00		All day		On
Tuesday	0	08:00	0	22:00		All day		On
Wednesday	O	08:00	0	22:00		All day		On
Thursday	0	08:00	0	22:00		All day		On
Friday	0	08:00	0	22:00		All day		On
Saturday	0	08:00	0	22:00		All day		On
Sunday	0	08:00	0	22:00		All day		On
					Clo	ose	Save	



Category	Timin	gs						
	3	Category	All		•			
	All Wee	ek					Syn	C
Monday	O	08:00	0	22:00		All day		On
Tuesday	©	08:00	0	22:00		All day		On
Wednesday	0	08:00	0	22:00		All day		On
Thursday	O	08:00	0	22:00		All day		On
Friday	O	08:00	0	22:00		All day		On
Saturday	O	08:00	0	22:00		All day		On
Sunday	O	08:00	0	22:00		All day		On
					Cl	ose	Save	

If you move the "All Week" slider, the opening times become 24 hours a day.

If you make changes (not recommended) click "Save".

Clicking on the "Regions" (top right-hand corner), show you region details.



Id, Name, Code and Colour and the option to "delete" (red bin) which is **not recommended**.

← Back					[	[2] Add Region
	ld N	lame	Code	Color	Operation	
	1 Bed	fforahire	B1	#da1010	1	



The two (2) icons on the top tool bar are "Notes" and Notifications".



Clicking on "Notes" enables you to create a "New" note, giving you onscreen reminders.



Clicking on "Notifications" enables you to create a "New" notification, allowing you to add text and set a time and date to be notified.

	ē	<u>ب</u>
NOTIFICATIONS	2021-03-02	
No More Notifications		
		ose
Read Al	l New	
		1

If you have any pending "Notifications" you get an "orange" dot on screen.





For further support Email <u>support@facit.ai</u>

