GUIA INICIO AC-MAX LT v2.0

Pasos de configuración y puesta en marcha del software.

El software de gestión AC-MAX LT utiliza el siguiente software.

AC-MAX LT v2.0

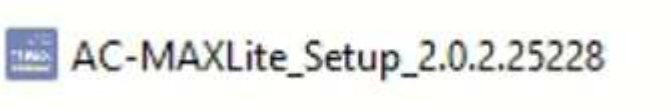
Manuales y software v2.0 disponible en www.fermax.com a través del código QR (1) adjunto,

(1)

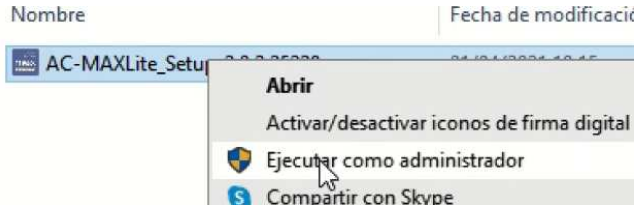
Contenido

Paso 1: Instalar software – Instalar AC-MAX LT.

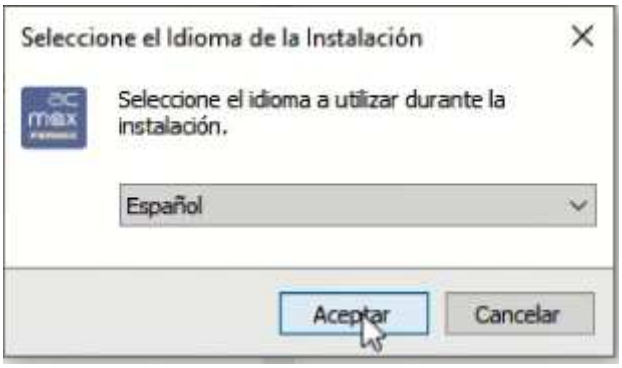
- Descargar el software de la web o del enlace QR adjunto.



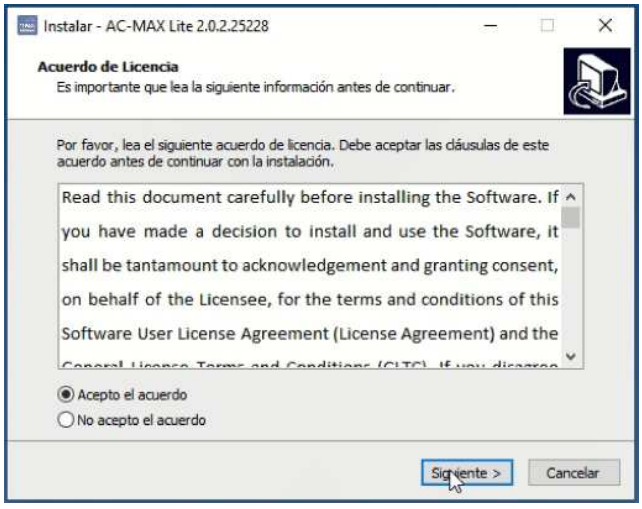
- Instalar como administrador.



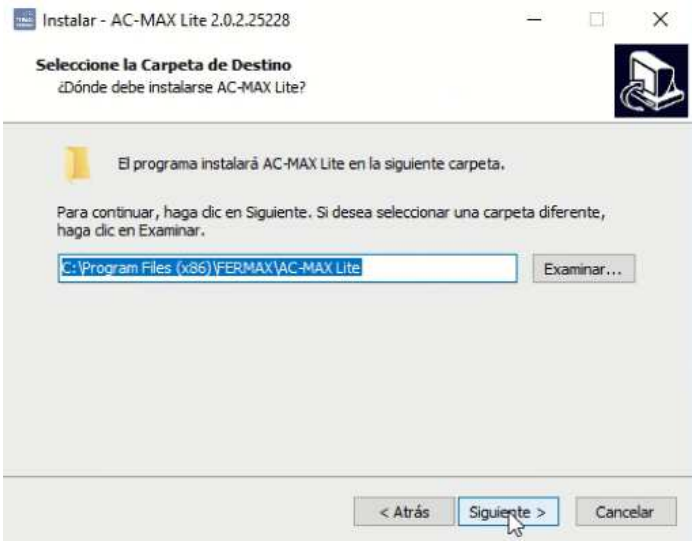
- Seleccionar el idioma de instalación.



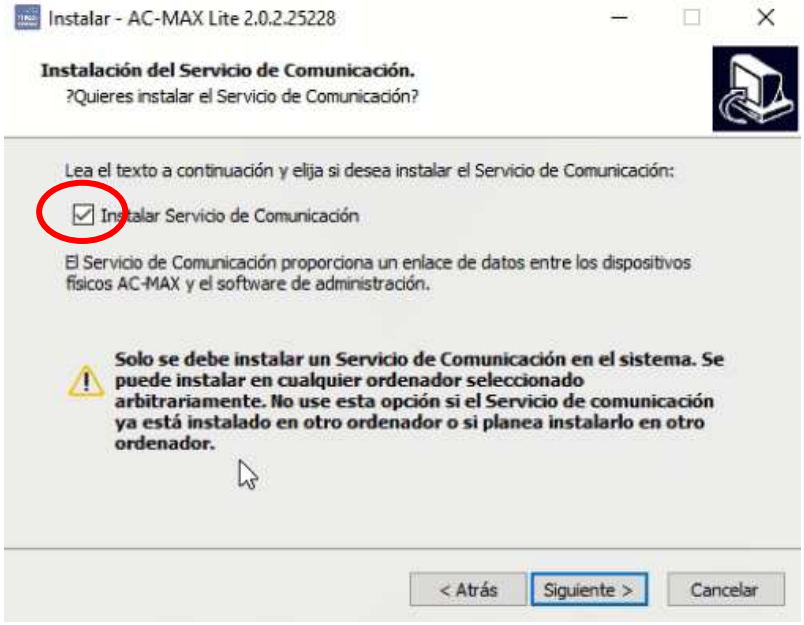
- Aceptar el acuerdo de licencia y pulsar siguiente.



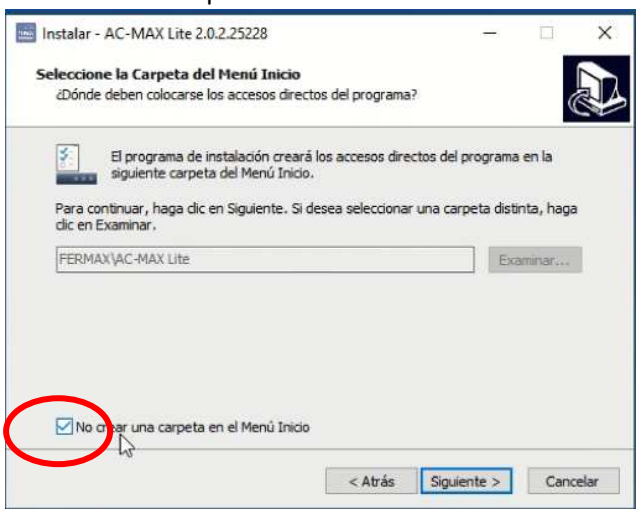
- Vemos donde se instalará el software en el pc.



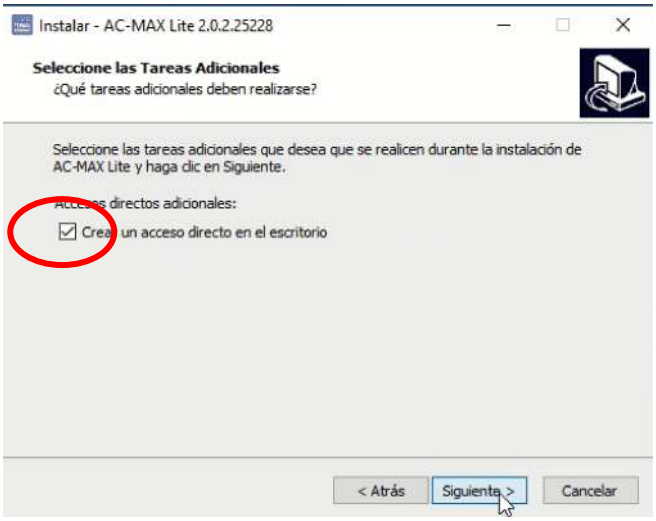
- En la siguiente pantalla seleccionar *Instalar Servicio de Comunicación.*
  - Importante instalar esta opción en un único ordenador del sistema. Si se necesitan más operarios de AC-MAX LT se instalarán sin ticar dicha opción.



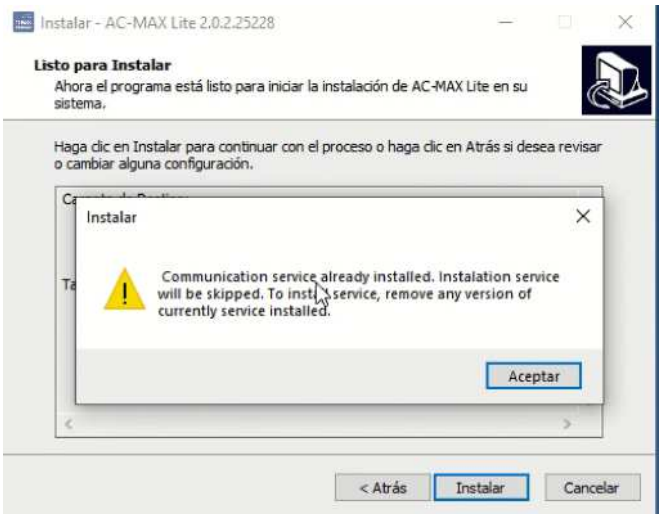
- Seleccionaremos No crear una carpeta en el Menú Inicio.



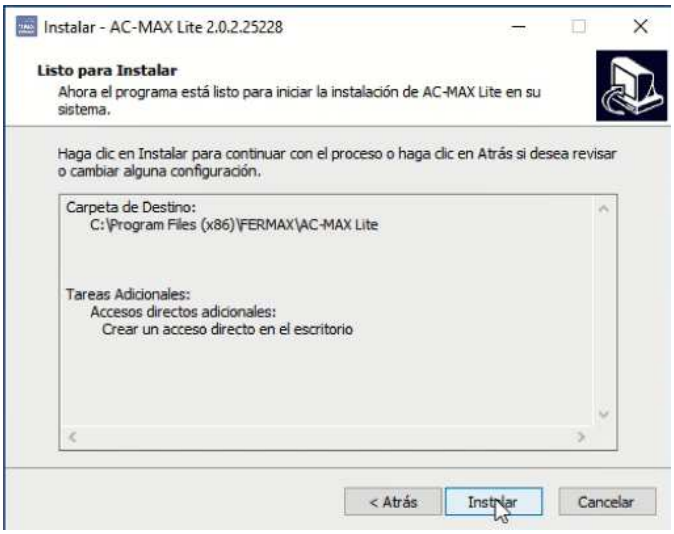
- Crear un acceso directo en el escritorio.



- Si ya tiene instalado AC-MAX CS saldrá el siguiente aviso donde nos advierte que debemos desinstalarlo antes de continuar.



- Instalar AC-MAX Lite.

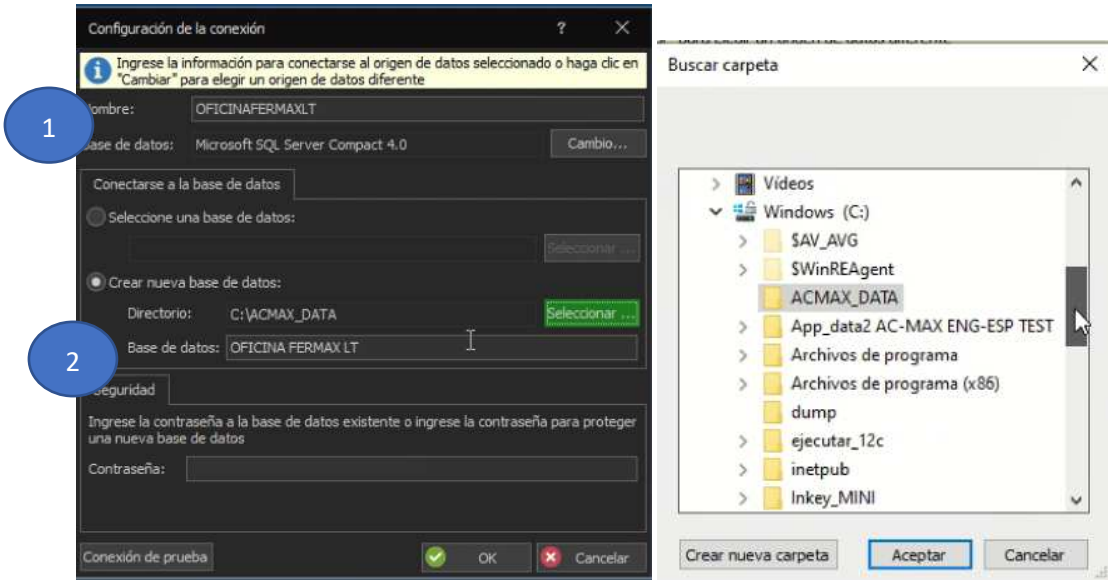


- Una vez instalado ejecutaremos el software y ticaremos en Finalizar.

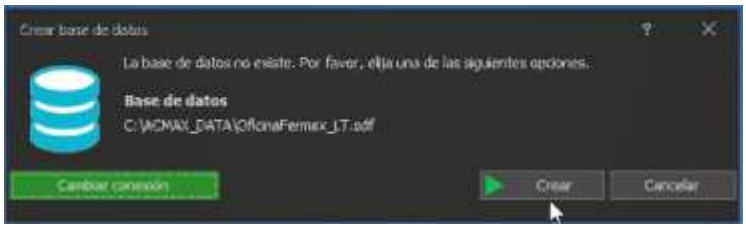
Paso 2: Creación de la base de datos de la instalación y activar servicios.

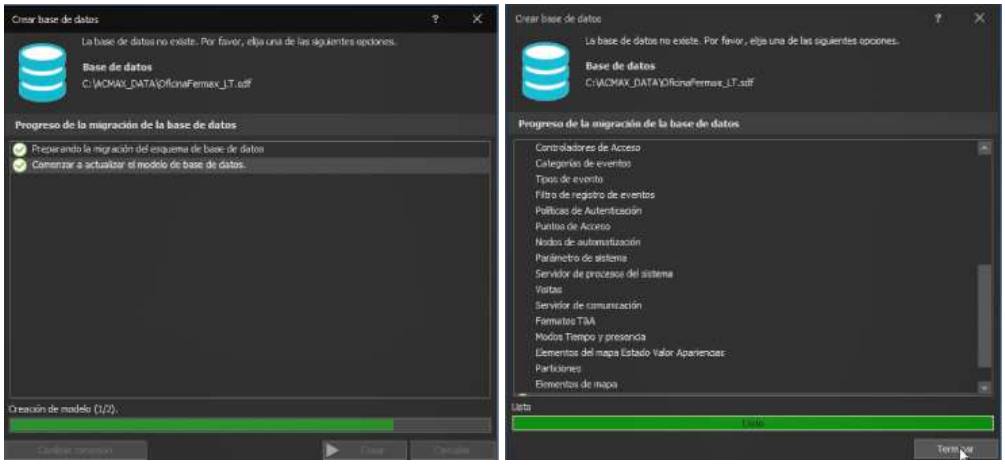
El sistema puede trabajar con una base de datos de Microsoft SQL Server Compact 4.0 de tipo local o con una base de datos de Microsoft SQL Server 2005 de tipo centralizado (o superior). En el ejemplo se utilizará la base de datos de tipo local. La configuración de la base de datos centralizada se explica en otra guía.

- En la ventana que se muestra a continuación, introduzca el nombre de la base de datos y cree la nueva base de datos seleccionando su ubicación y nombre de destino. Opcionalmente, definir la contraseña de la base de datos. Haga clic en el botón **Aceptar**.



- Haga clic en el botón **Crear** cuando se muestre la ventana Crear base de datos.





Nota: Este proceso puede tardar unos 4-5 minutos.

- Cuando se crea una nueva base de datos, se muestra la ventana de inicio de sesión del software AC-MAX LT. Iniciando como Admin, sin contraseña.

La primera vez que nos logamos como Admin o Basic sin contraseña nos pide a continuación introducir una nueva contraseña y que la confirmemos. Aconsejamos poner 'fermax' 'fermax' ya que si olvida la contraseña no podrá restaurarla y perderá la base de datos.

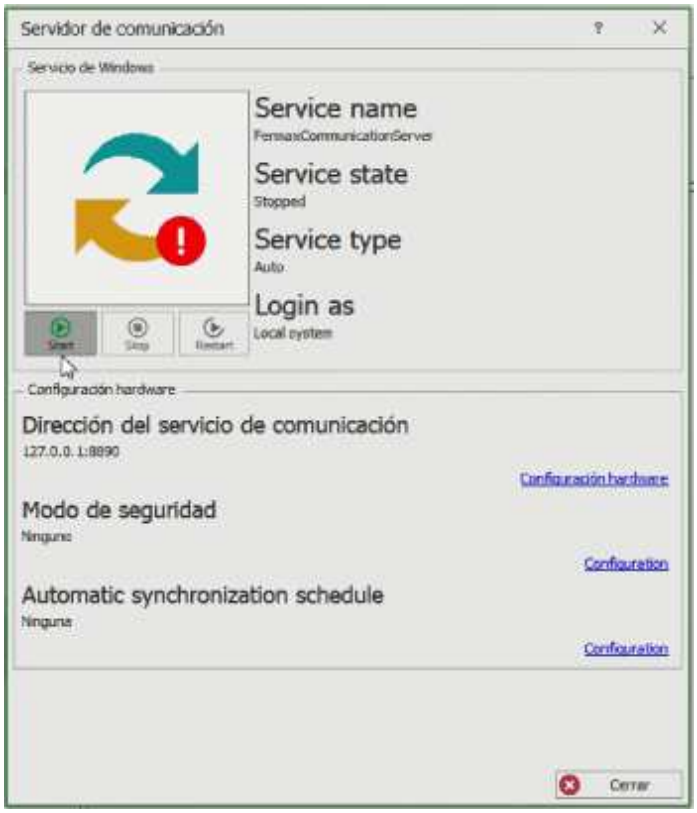
- Haga clic en OK para iniciar el software AC-MAX LT.

Software iniciado con Admin.

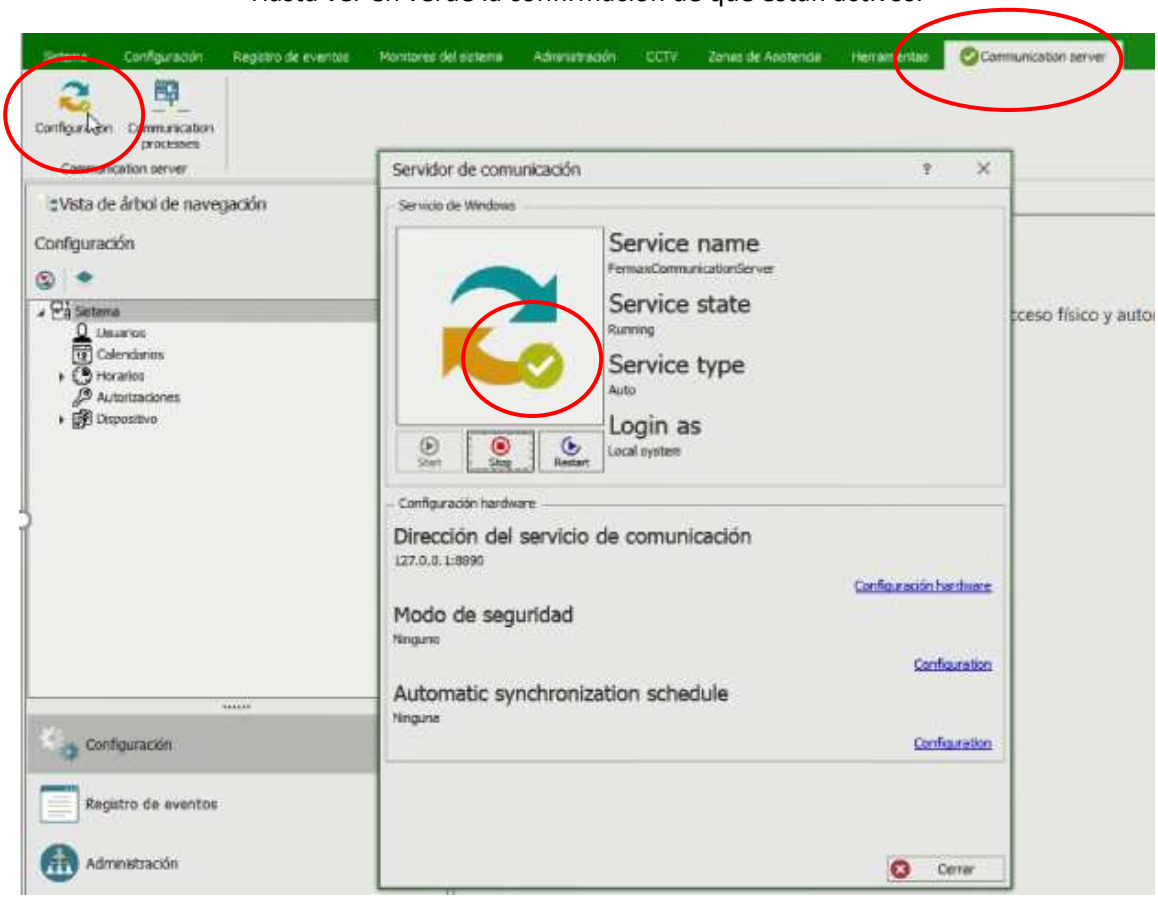
Software iniciado con Basic. Desaparecen las pestañas de CCTV y Zonas de Asistencia.

Ticaremos en Comunicación de Servicios

- Ir a Configuración para activar los Servicios. **Importante antes de activarlos el PC debe estar en el rango de IP'S del controlador del kit y los lectores de huella antes de configurarlos debe estar en el rango 192.168.0.xx**

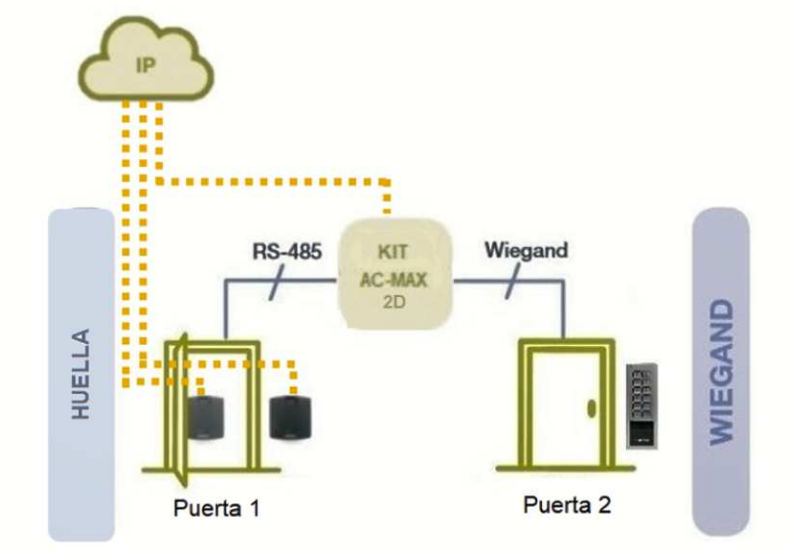


Hasta ver en verde la confirmación de que están activos.



Paso 3: Configuración de los dispositivos hardware instalados:

Ejemplo utilizado.



Configuración Hardware – Dirección IP e ID de los dispositivos.

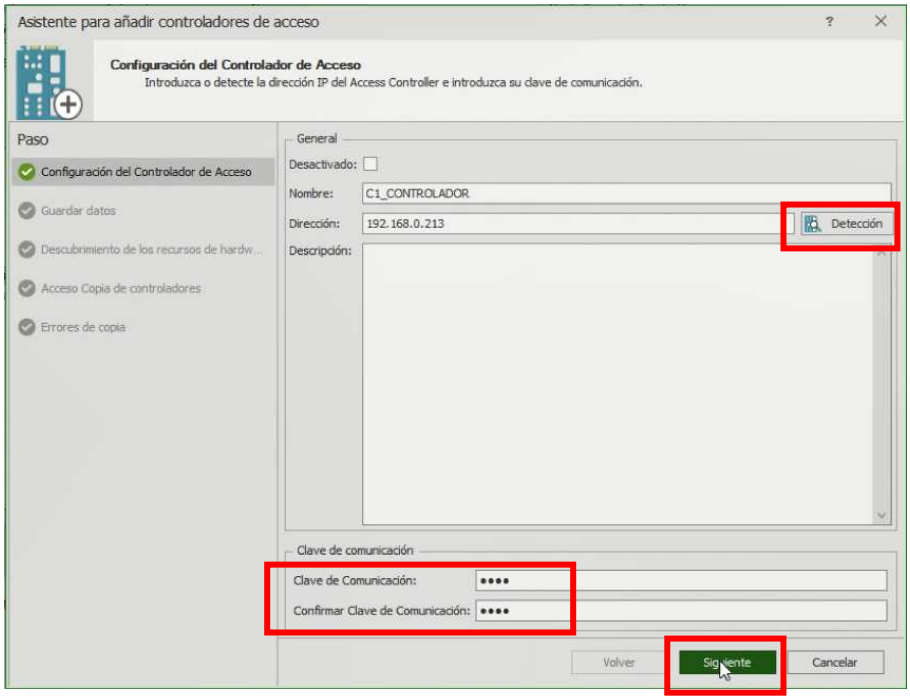
El propósito de la configuración de bajo nivel del controlador es definir las propiedades del controlador. Hay varias configuraciones de bajo nivel, pero las más importantes son la **la dirección IP y la clave de comunicación** que se utiliza para cifrar la comunicación con el controlador en la red Ethernet. En esta guía se utiliza un controlador de acceso con el firmware 1.7.2 o superior.

El nuevo controlador **AC-MAX-CU** de fábrica tiene la dirección IP establecida en **192.168.0.213** y la clave de comunicación es **1234**. Ambos pueden cambiarse en bajo nivel.

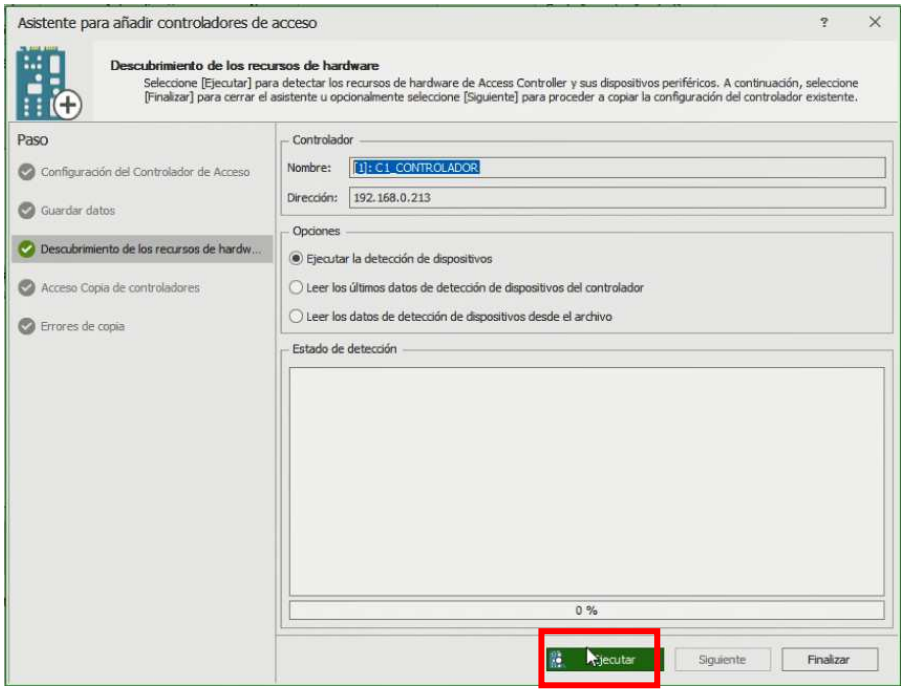
- Conecte la fuente de alimentación al controlador.
- Conecte el controlador a su ordenador con el cable Ethernet RJ45, asegurese que la dirección IP del adaptador de red de su ordenador está en el mismo rango que la dirección del controlador, por ejemplo. 192.168.0.99

- Primero desplegamos Dispositivos y encima de Controlador de Acceso con botón derecho seleccionamos *Añadir Controlador de Acceso*.

- Detectaremos la central y pondremos su clave de comunicación por defecto IP **192.168.0.213** clave de comunicación. **1234.**



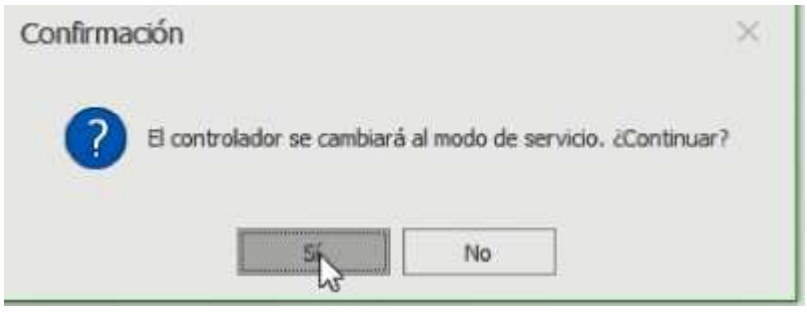
- A continuación ejecutamos la detección de dispositivos.



- Una vez detectados cerramos la ventana

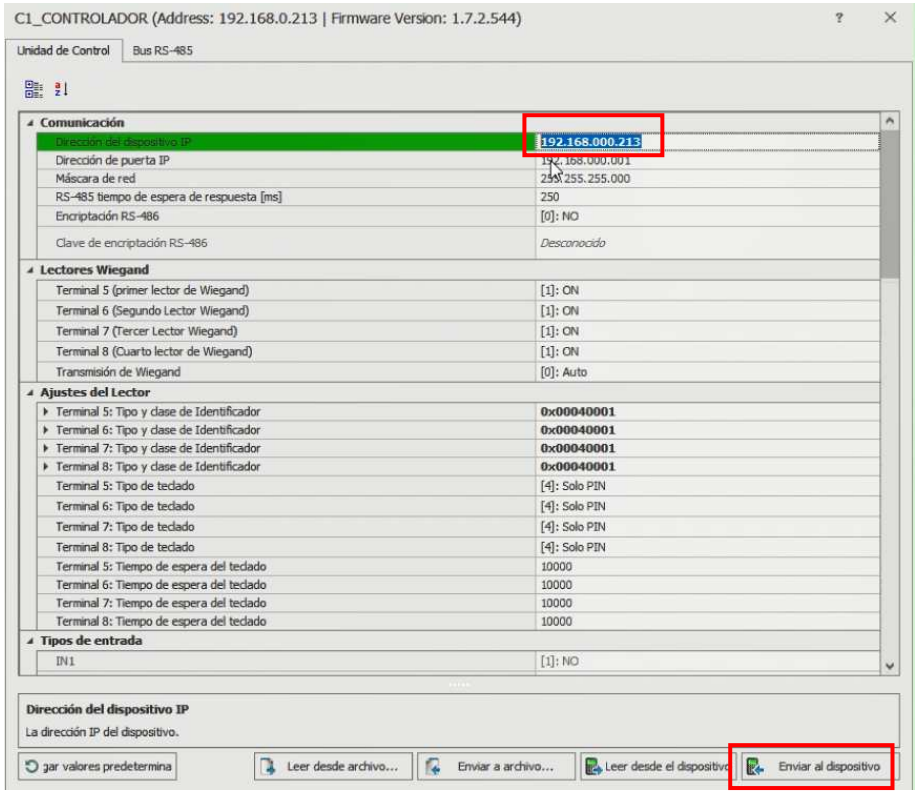
- Ahora configuraremos el controlador detectado para cambiar la dirección IP en el rango deseado.

- Aparece un aviso de que se pasará a Modo Servicio. Clic en Sí.



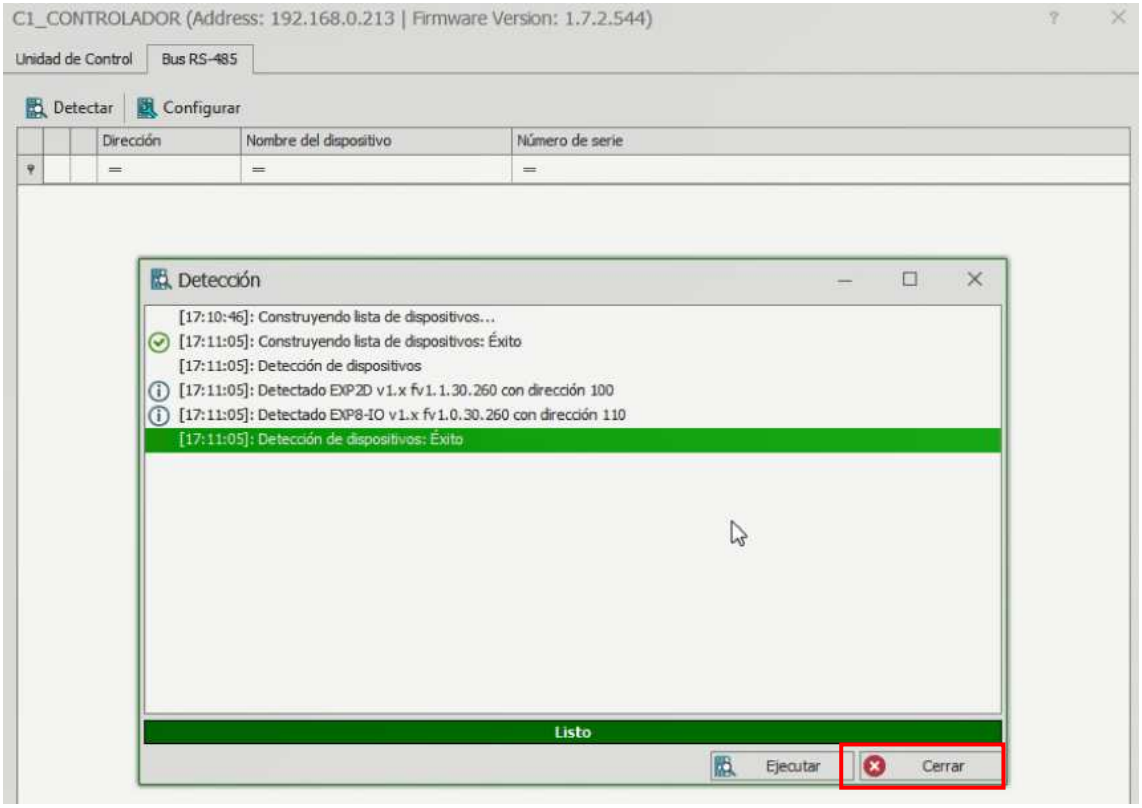
- Aparecerá el siguiente mensaje. OK.

- Configurar la dirección IP y los parámetros que se requieran y enviar al dispositivo.

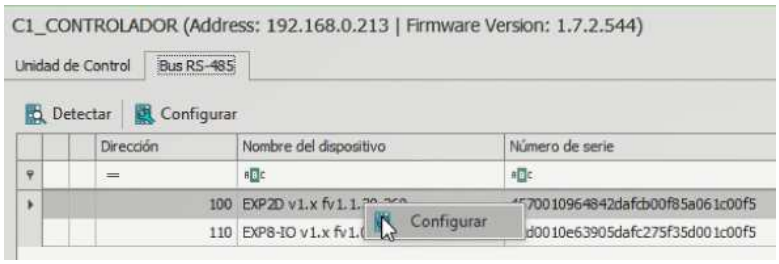


- Después configurar en bajo nivel los expansores detectados en el BUS RS-485 seleccionando Bus RS-485.

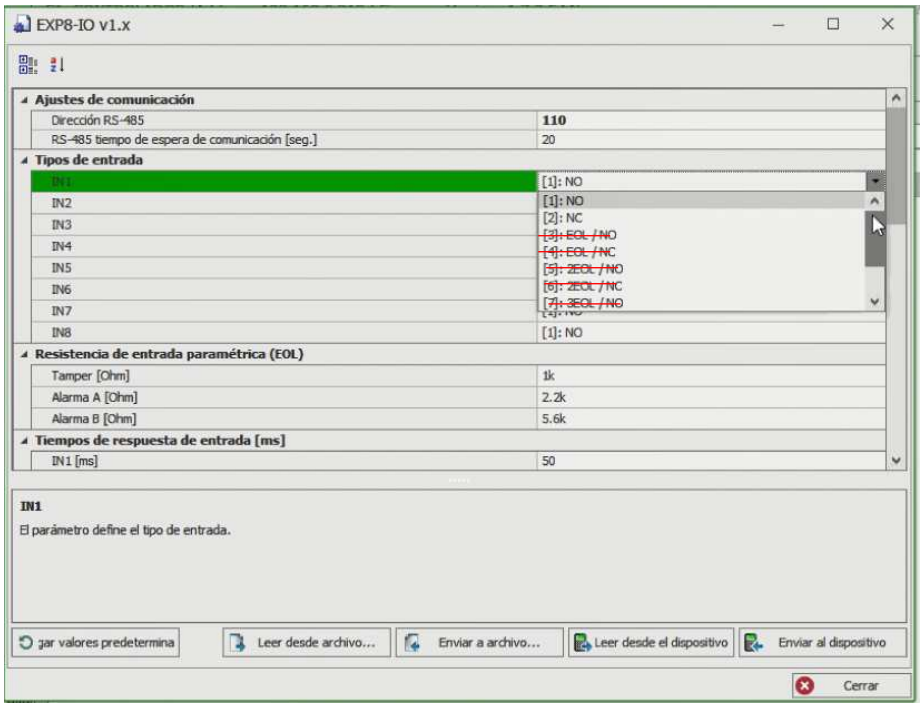
- Automaticamente se ejecutará la detección de dispositivos.



- Con botón derecho ticar encima del expansor que se quiere configurar. Si dispone de expansores EXP8-IO deben tener direcciones diferentes.

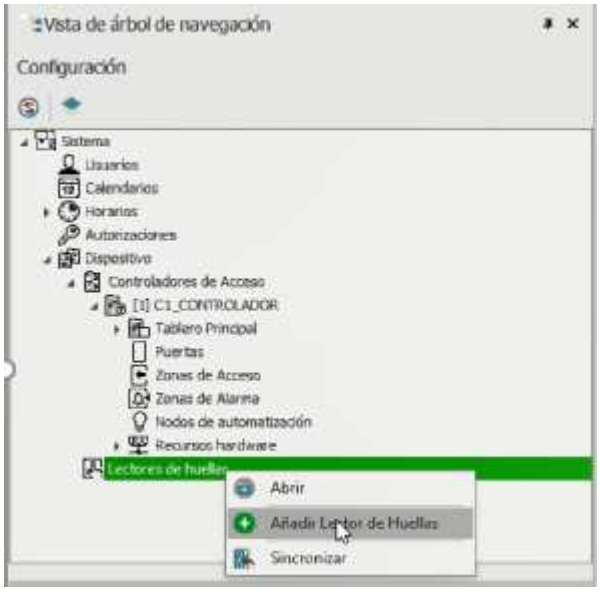


- Si se desea es posible cambiar algún parámetro como los tipos de entrada. Solo es posible seleccionar NO (normalmente abierto) o NC (normalmente cerrado). El resto de funciones no están disponibles en AC-MAX. Después enviar a dispositivo si se ha realizado algún cambio. Todos los expansores de la instalación deben tener una dirección RS-485 distinta para que se detecten correctamente.



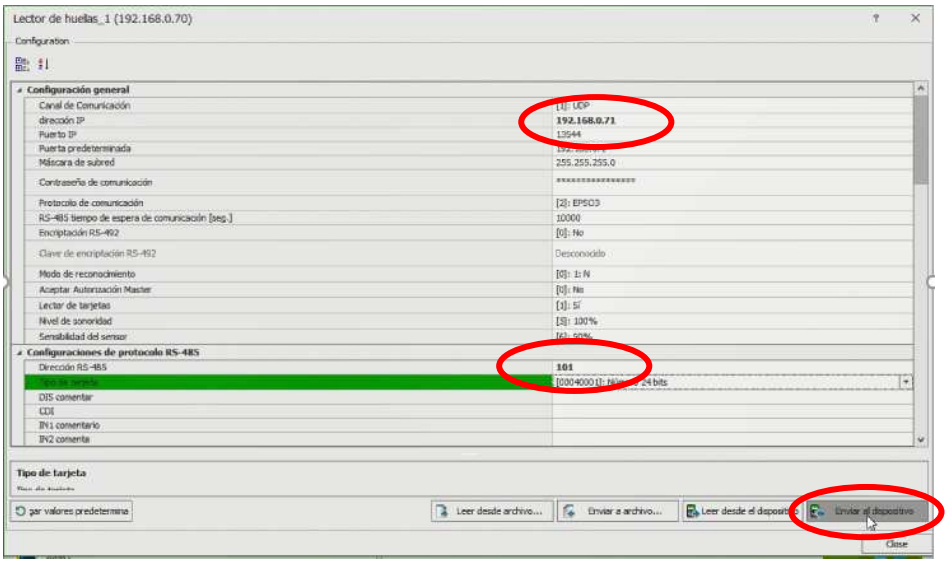
- Al finalizar nos consulta si queremos volver a inicializar los dispositivos si los queremos volver a detectar. Si hemos cambiado la dirección IP del controlador deberemos cambiar la nueva dirección y establecer su clave de comunicación 1234. Por ahora le diremos que No.

- Después añadiremos los lectores de huella

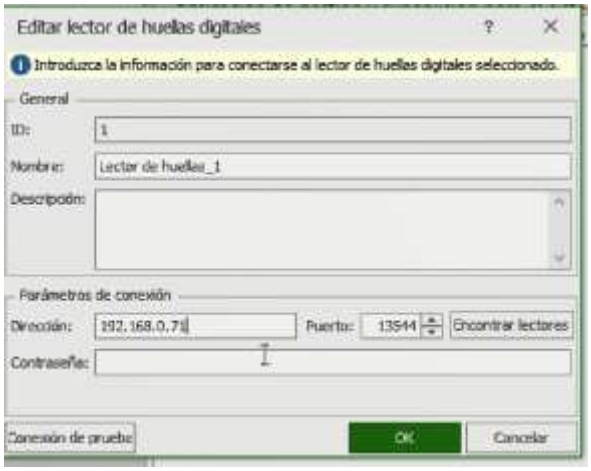


- Introduciremos la dirección por defecto manualmente y comprobaremos la correcta conexión. **192.168.0.70**

- Una vez añadido lo configuraremos en bajo nivel para establecer la nueva dirección IP y su dirección RS-485. Ejemplo 192.168.0.71 y dirección 101 y enviaremos al dispositivo.

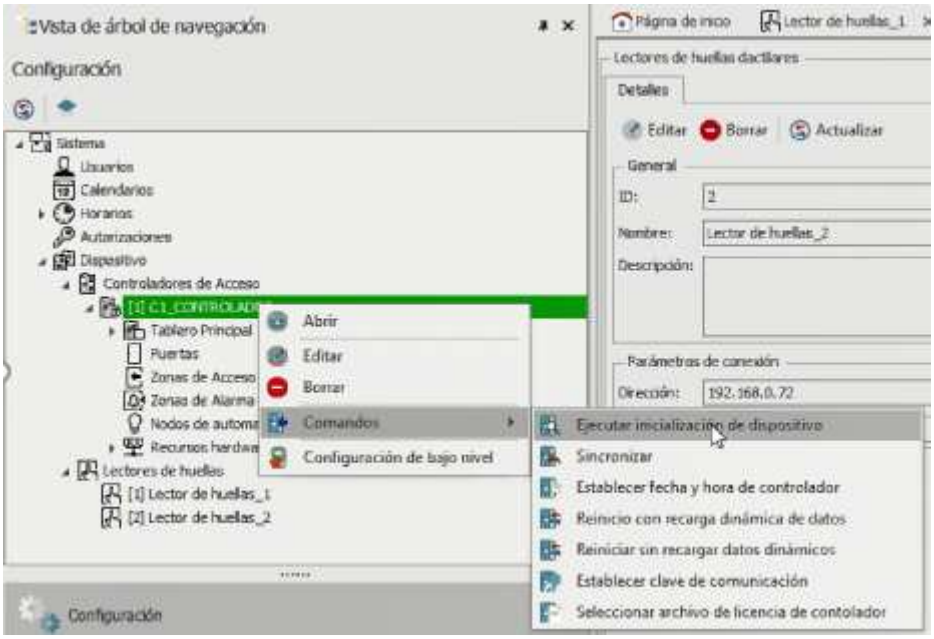


- Al cerrar nos indicará que se han cambiaod los parametros y se cerrará la conexión. Así que volvemos abrir el lector de huella que hemos creado con botón derecho Editar y volvermos a camibiar la dirección IP por la nueva dirección que le hemos establecido.



Relaizaremos los mismos pasos para el resto de lectores de huella si existen.

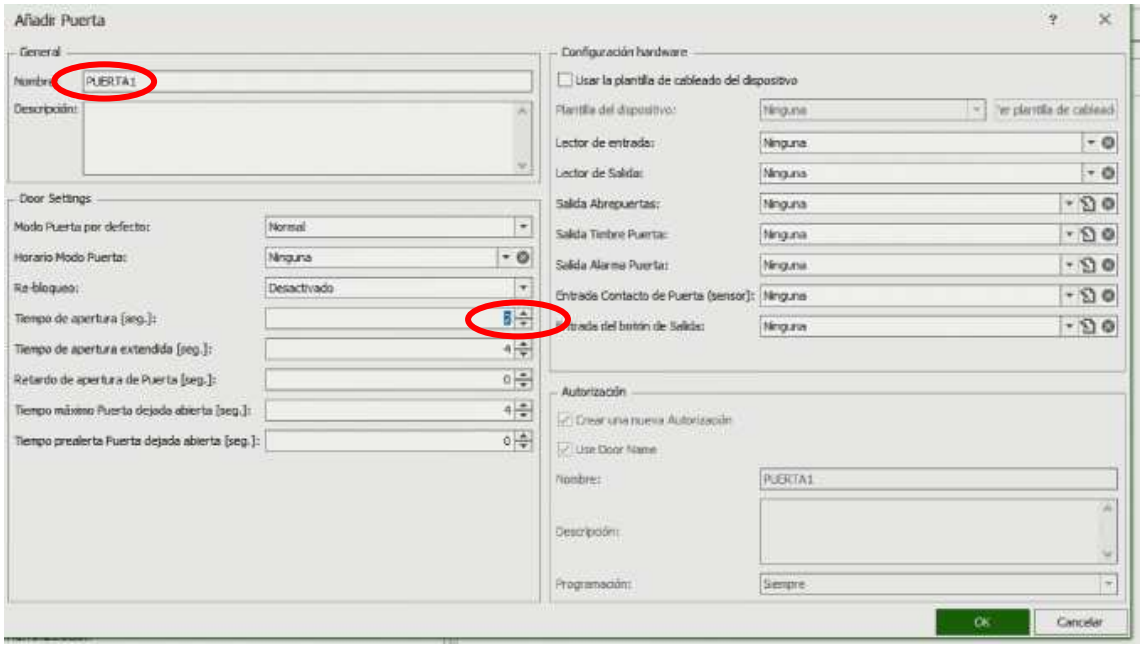
- Al finalizar la configuración de todos los dispositivos volveremos a inicializar los dispositivos para que se vuelvan a detectar con los nuevos parámetros y después sincronizaremos.



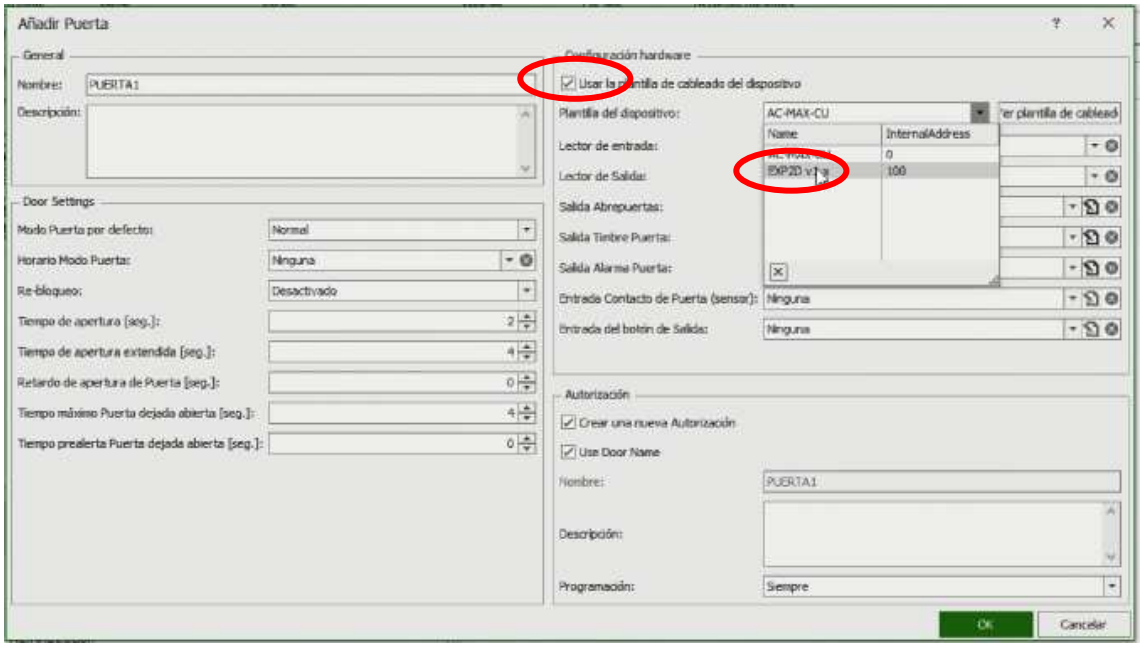
Paso 4: Configurar la instalación. Añadir puertas, horarios, usuarios, etc:

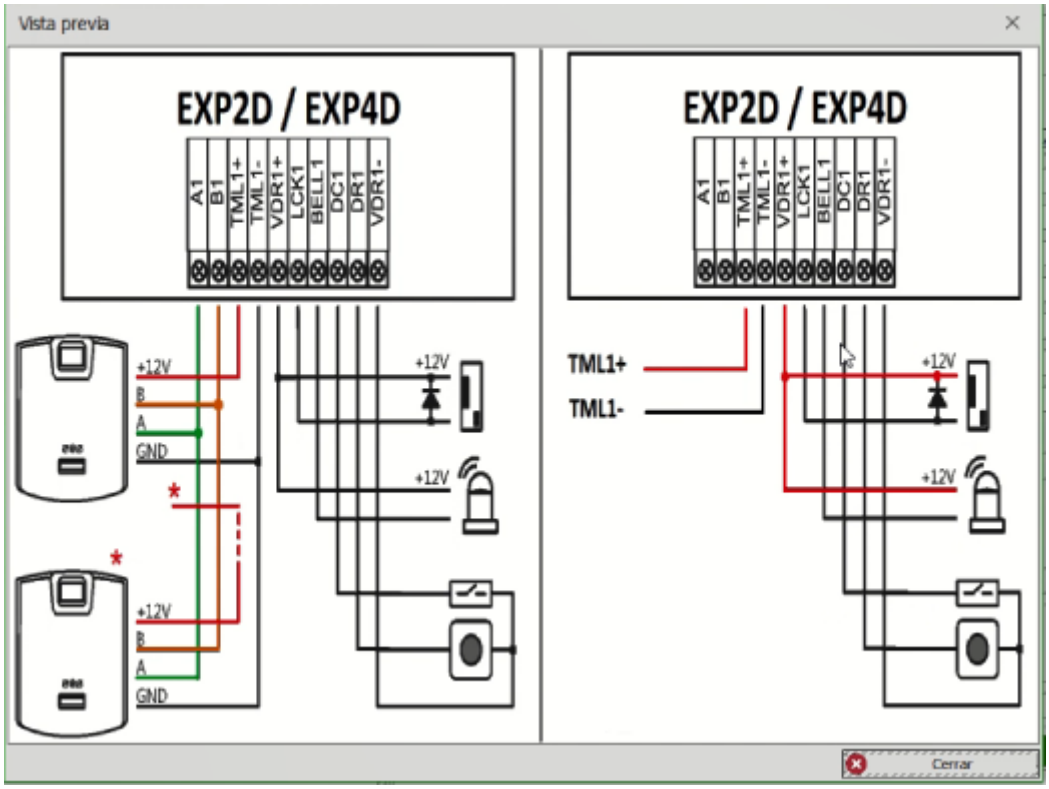
- Añadimos la puerta 1.

- Asignaremos el nombre de la puerta y tiempo de apertura.

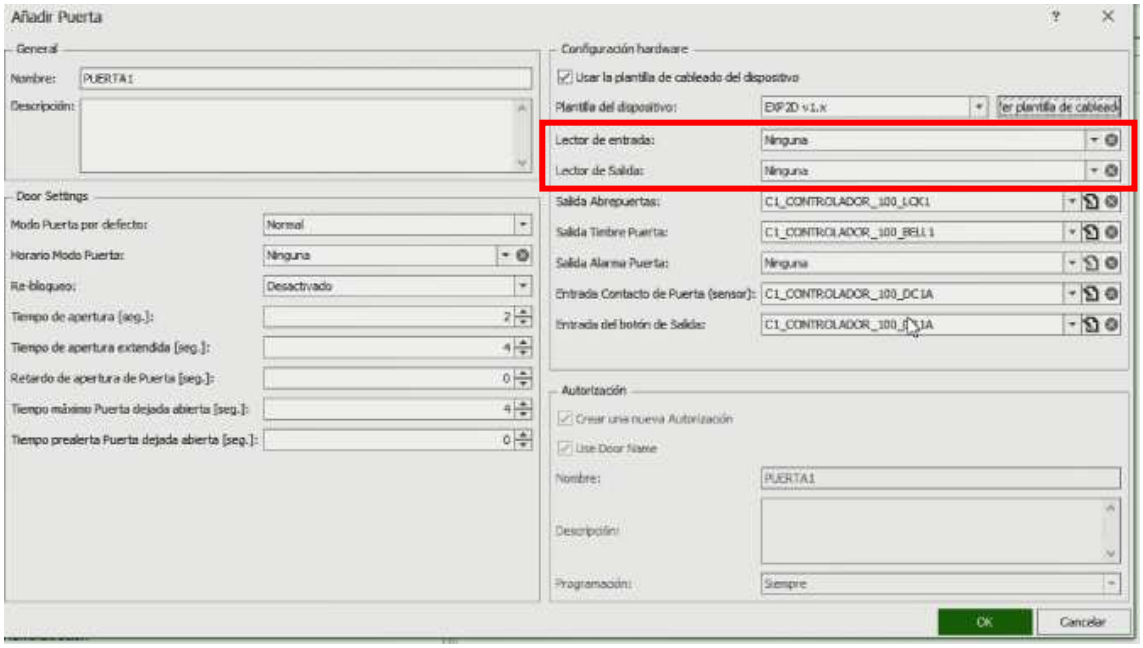


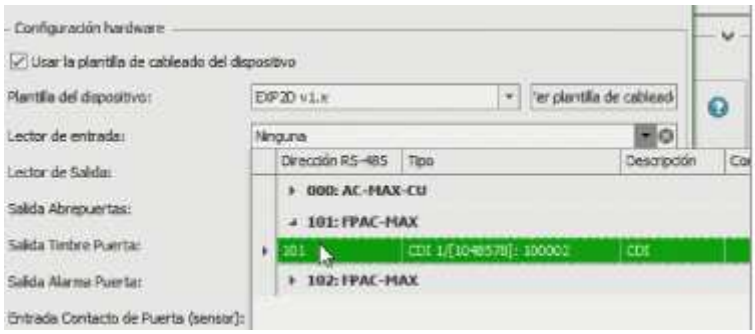
- Después **seleccionaremos la plantilla IMPORTANTE** seleccionar la del **EXPANSOR 2D/4D**

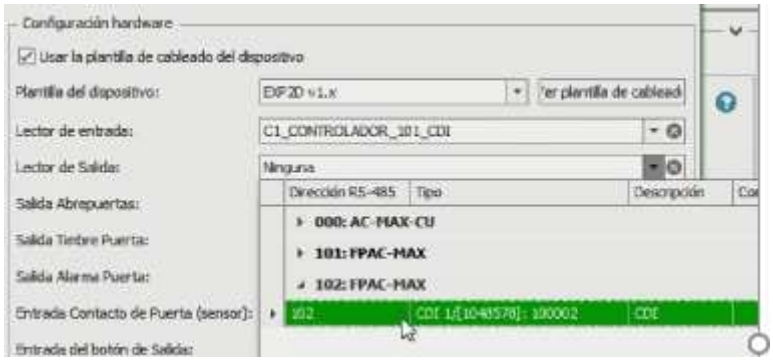




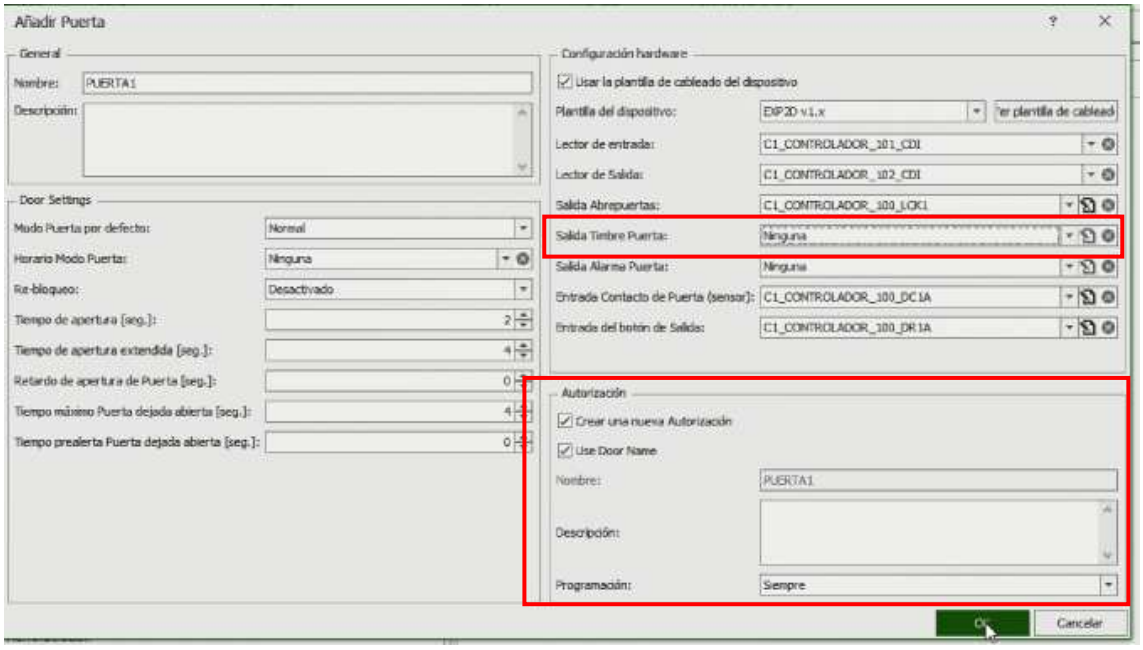
Después seleccionaremos el lector de entrada (lector de huella configurado como 101) y el lector de salida (lector de huella configurado como 102)



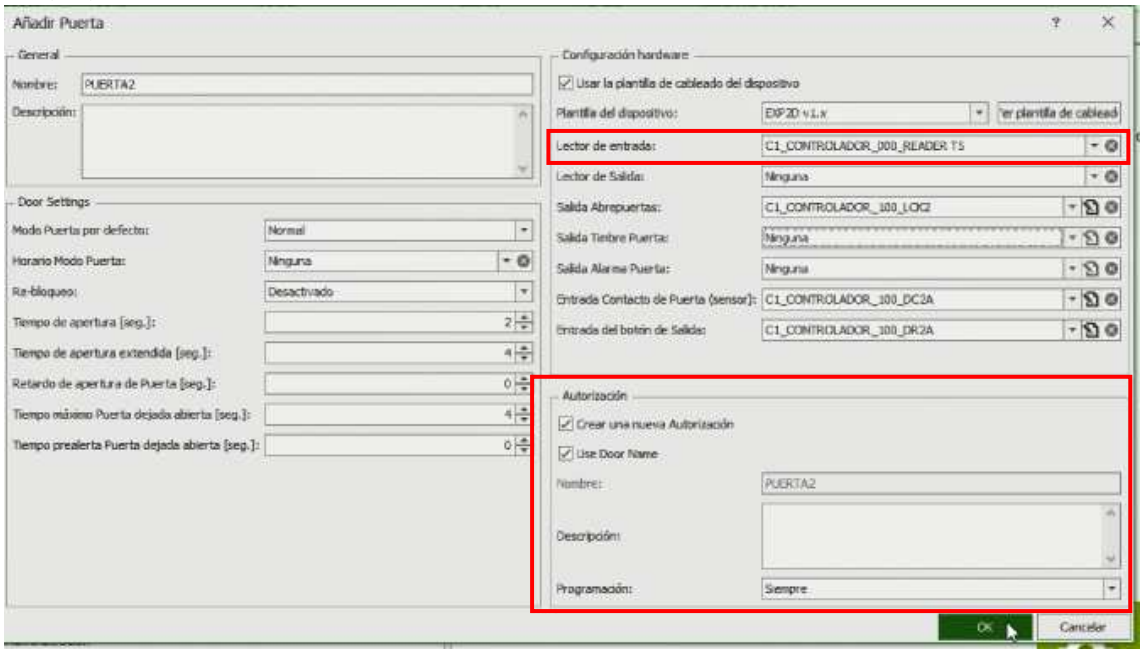




- Y seleccionaremos o anularemos los dispositivos que no utilicemos.
  Vemos que en este ejemplo con la x hemos anulado el timbre de puerta BELL 1.
- También tenemos seleccionado Crear una nueva Autorización utilizando el mismo nombre de la puerta y en horario Siempre.

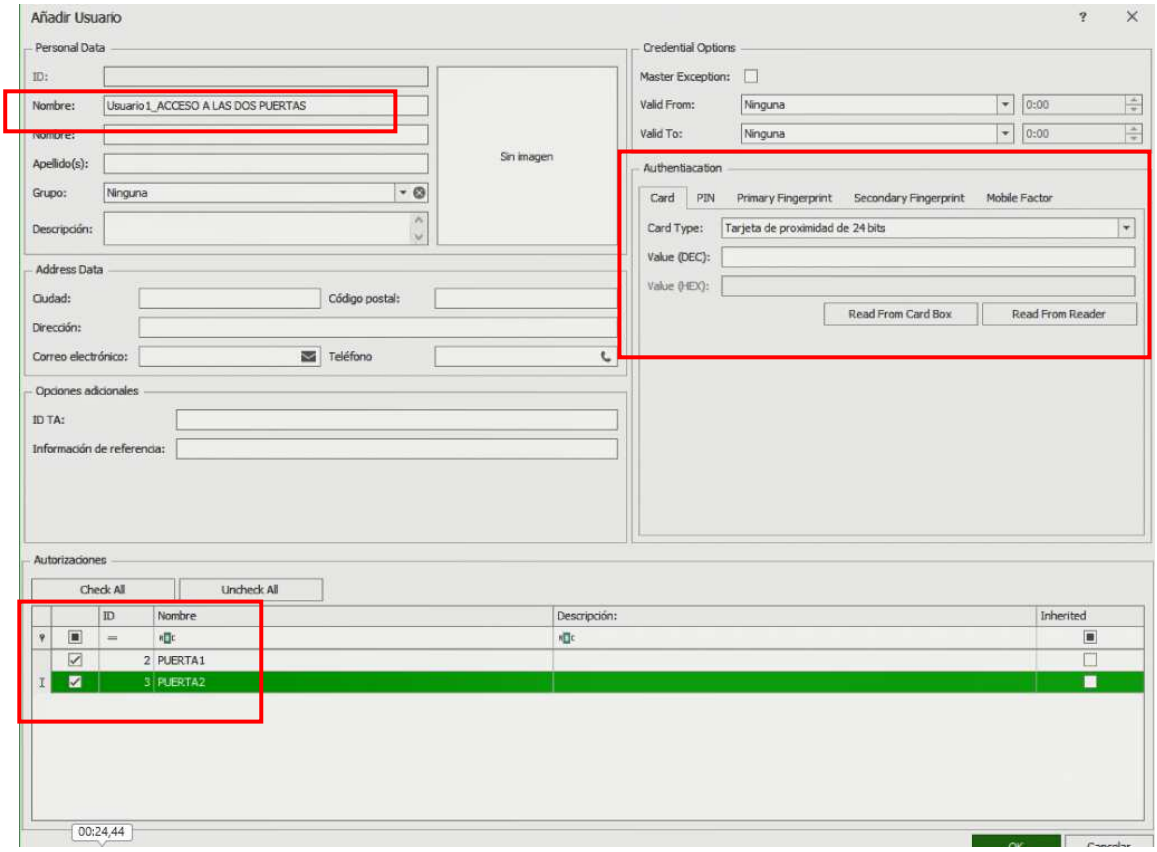


- Haremos lo mismo con la Puerta 2 pero esta vez seleccionando el lector de entrada el terminal T5 que corresponde al lector wiegand 1. El conectado entre los bornes IN1(D0), IN2(D1).

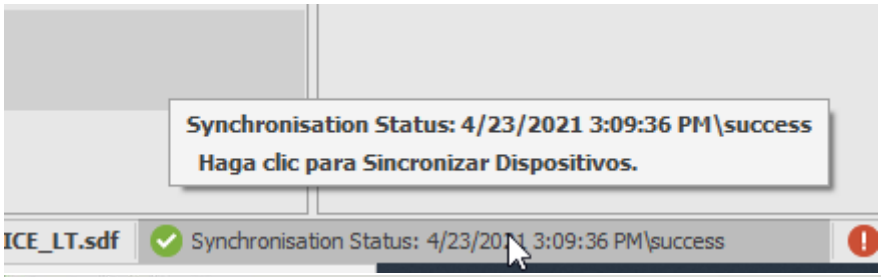


- Despues añadiremos los usuarios necesarios.

Le daremos nombre y datos personales y seleccionaremos donde queremos darle autorización de acceso. En este caso en las dos puertas.



- Después añadiremos los identificadores correspondientes. Antes sincronizaremos la información dada de alta con el controlador.



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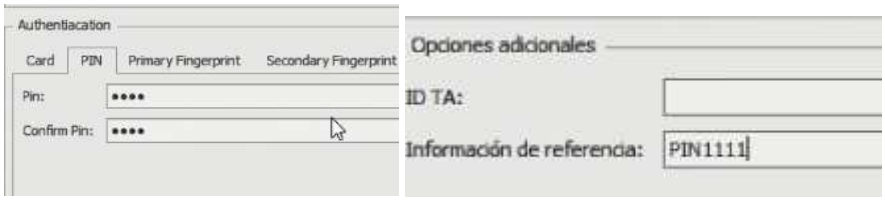
Tarjeta, PIN, Huella principal y Segunda huella. Clicando en Leer desde lector y seleccionando el lector correspondiente.

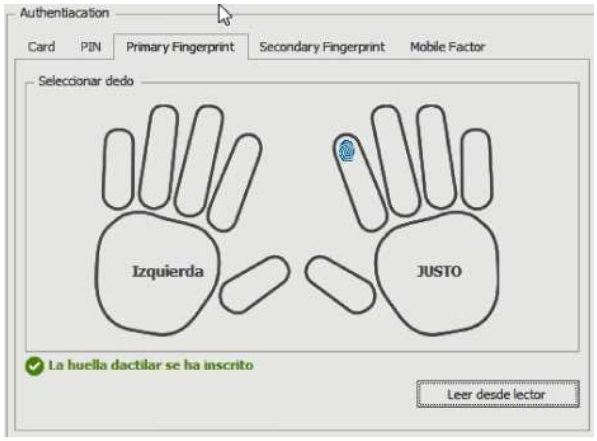
Tarjeta

PIN

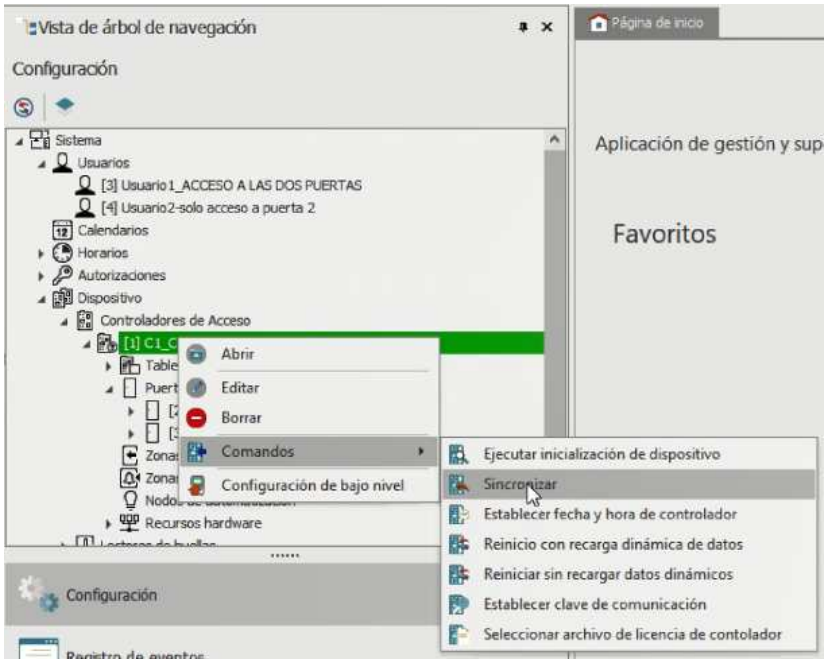


En información de referencia indicar el número introducido para consultas posteriores.

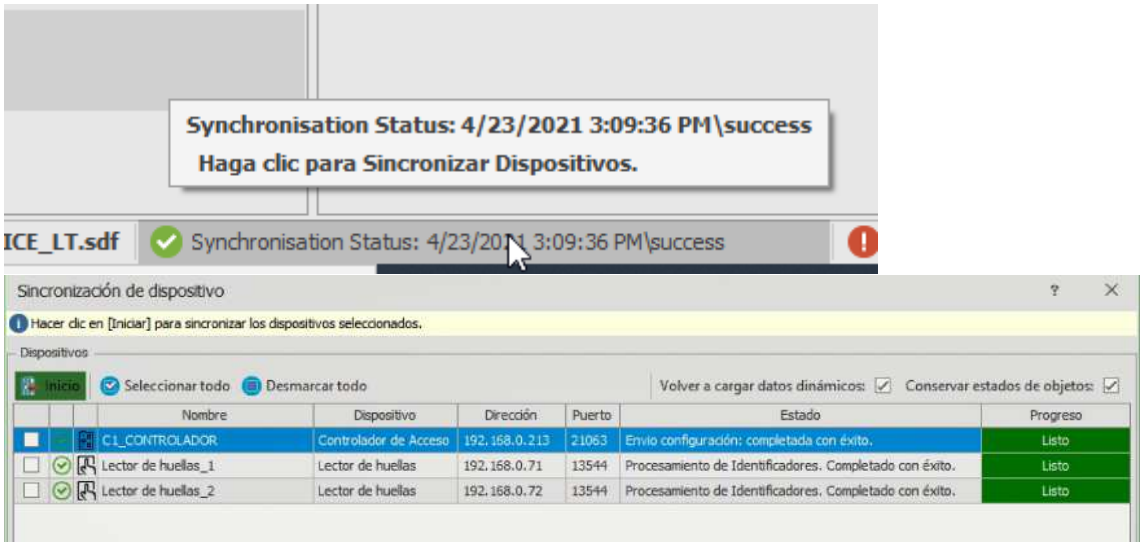
Huella



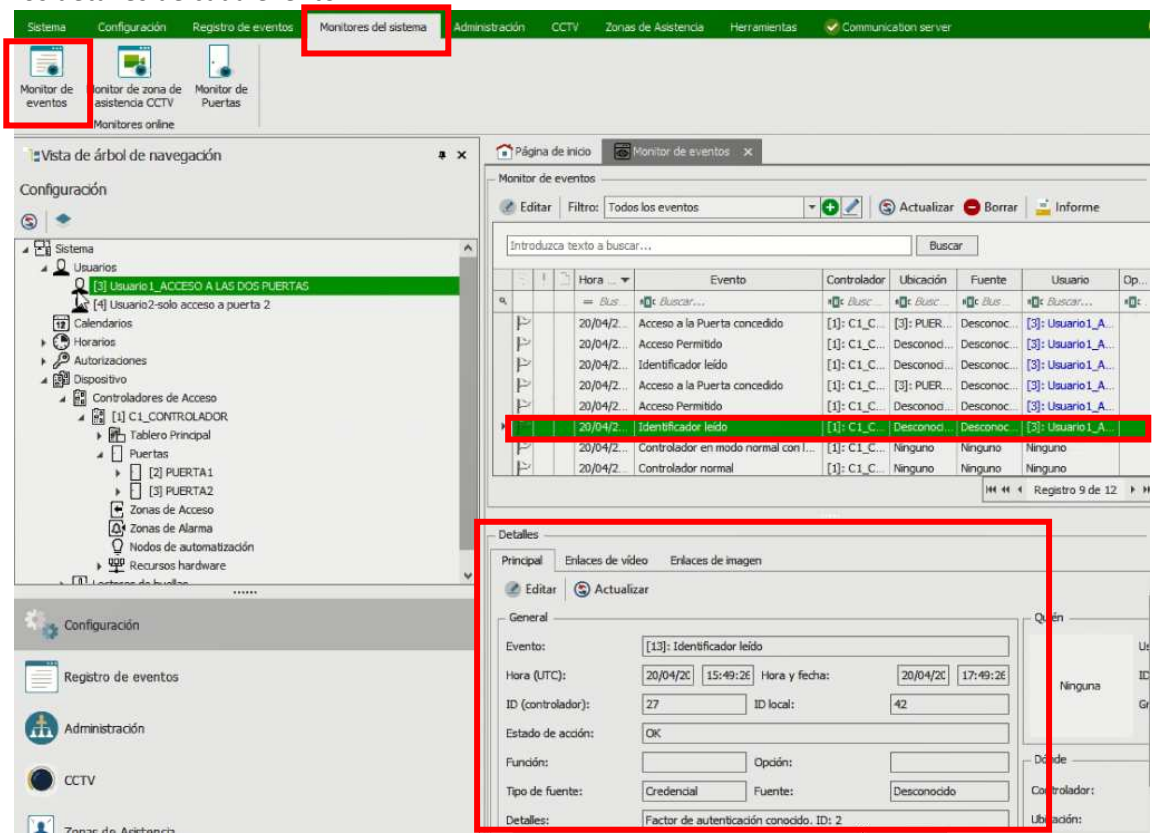
- Al finalizar y después de introducir todos los usuarios sincronizar el proyecto con el controlador.



- Y sincronizar todos los dispositivos seleccionando sincronización en la barra inferior.



- Comprobaremos el correcto funcionamiento y en *Monitor de eventos* podemos visualizar la reacción del sistema al presentar los identificadores en los accesos y viendo los detalles de cada evento.



START GUIDE AC-MAX LT v2.0

Software setup and configuration steps.

The AC-MAX LT management software uses the following software.

AC-MAX LT v2.0

Manuals and software v2.0 available www.fermax.com through the QR code (1) attached,

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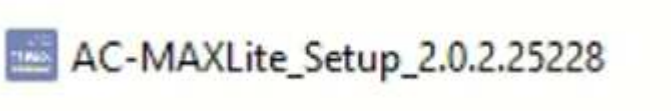
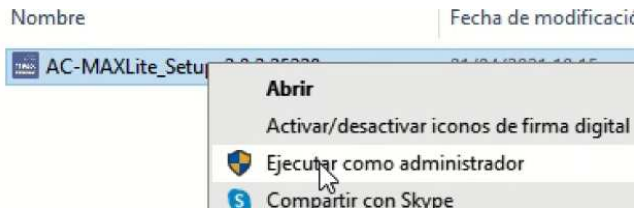
Step 1: Install Software – Install AC-MAX LT.

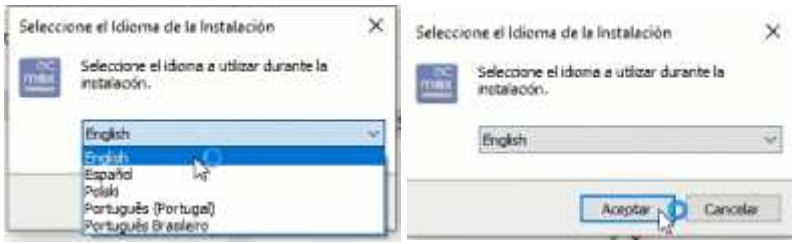
- Download the software from the web or the attached QR link.



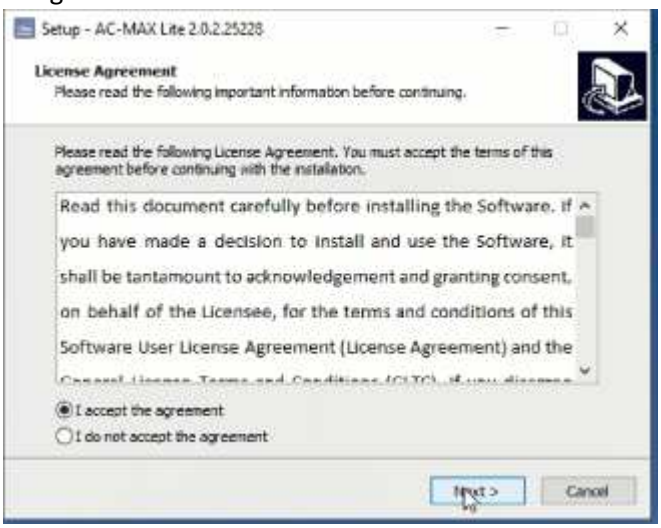
- Install as Administrator.



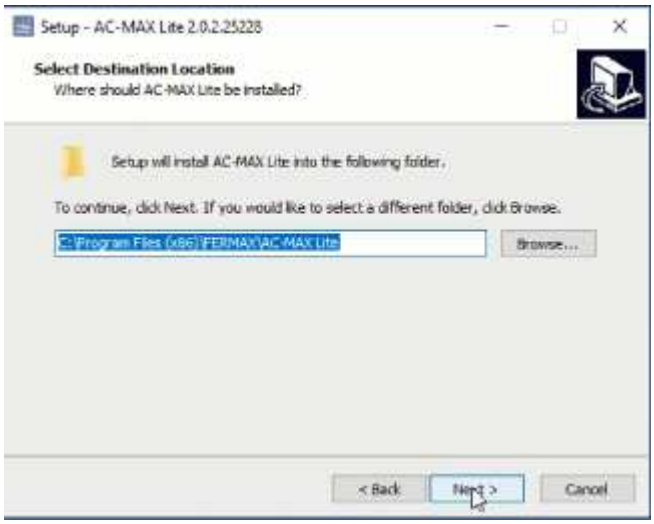
- Select the installation language.



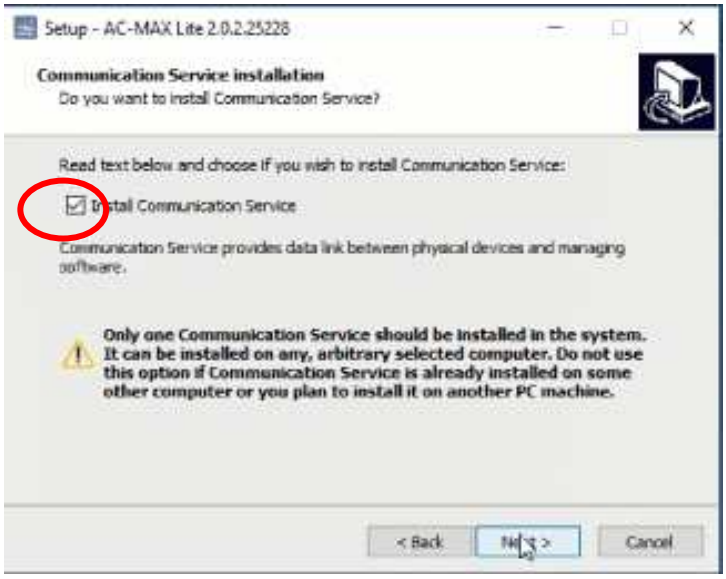
- Accept the license agreement and click Next.



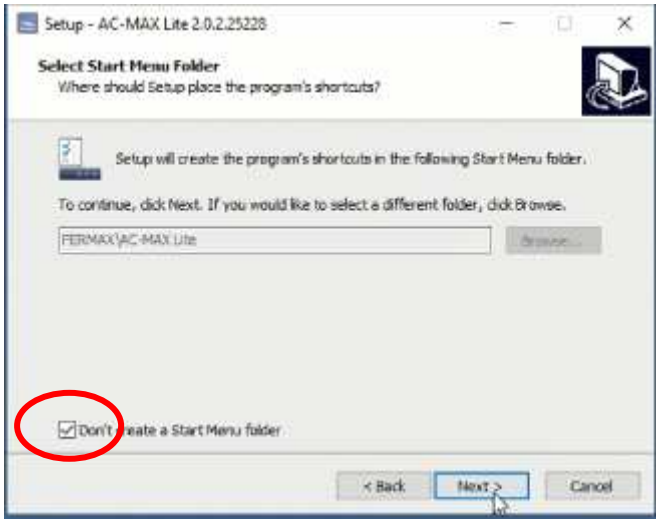
- We see where the software will be installed on pc.



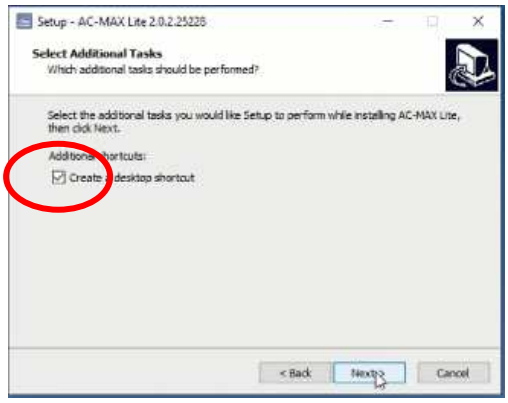
- On the next screen *select Install Communication Service.*
  - Important to install this option on a single system computer. If more AC-MAX LT operators are needed they will be installed without tying this option.



- Select Do not create a folder from the Start Menu.

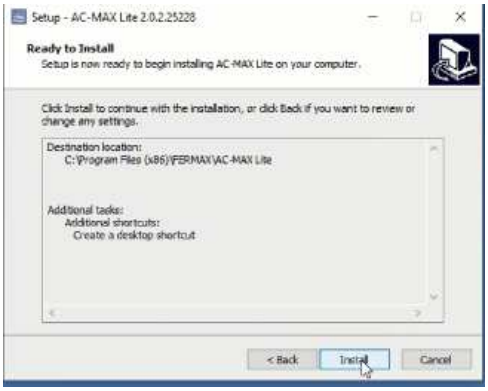


- Create a shortcut on the desktop.



- If you already have AC-MAX CS installed you will get the following warning where you warn us to uninstall it before proceeding.

- Install AC-MAX Lite.

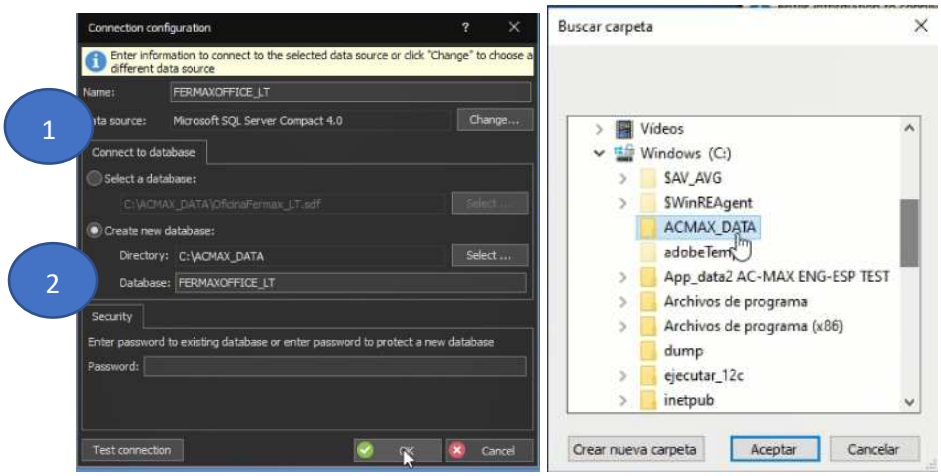


- Once installed we will run the software and start in Finish.

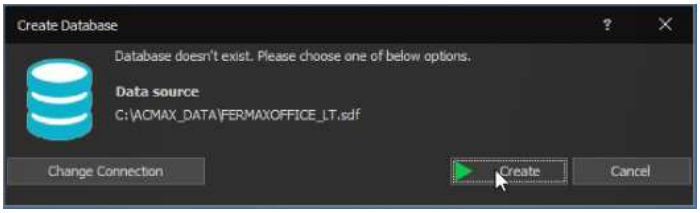
Step 2: Create the installation database and activate services.

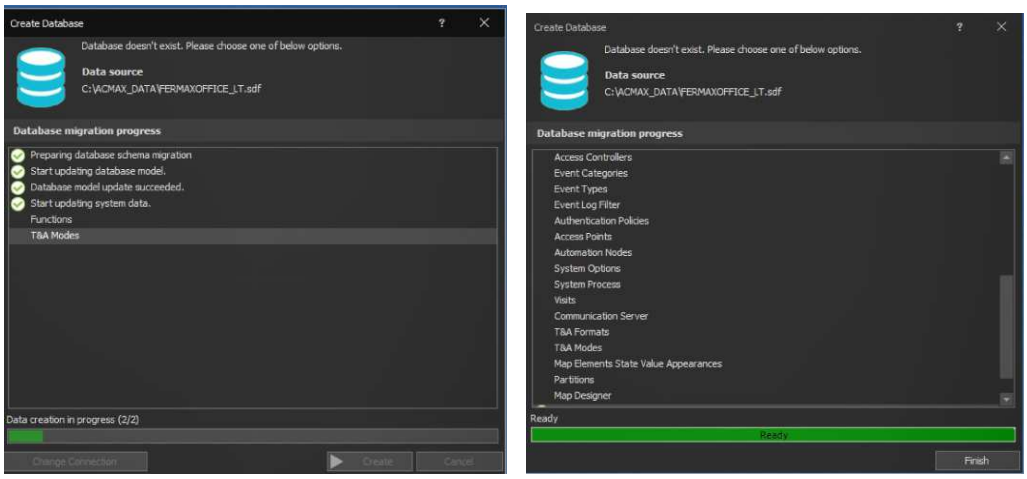
The system can work with a Microsoft SQL Server Compact 4.0 database of local type or with a Microsoft SQL Server 2005 database of centralized type (or higher). The example will use the local type database. Centralized database configuration is explained in another guide.

- In the window below, enter the database name and create the new database by selecting its location and destination name. Optionally, set the database password. Click the OK **button.**



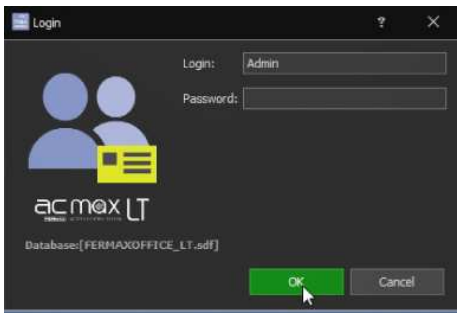
- Click the Create button **when** the Create Database window is displayed.





Note: This process may take about 4-5 minutes.

- When you create a new database, the AC-MAX LT software login window is displayed. Starting as Admin,no password.

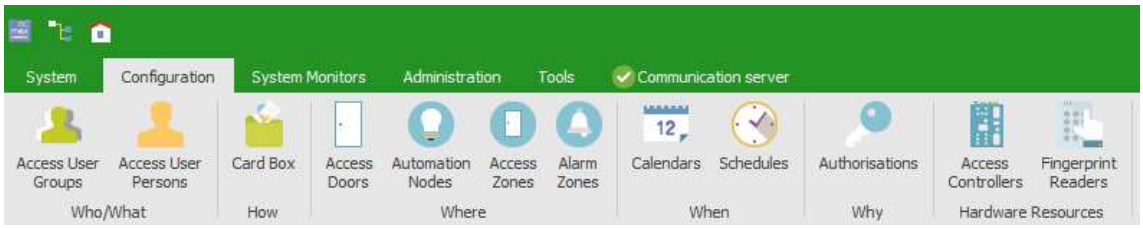


The first time we get as Admin or Basic without a password, it then asks us to enter a new password and confirm it. We advise you to put 'fermax' 'fermax' because if you forget the password you will not be able to restore it and you will lose the database.

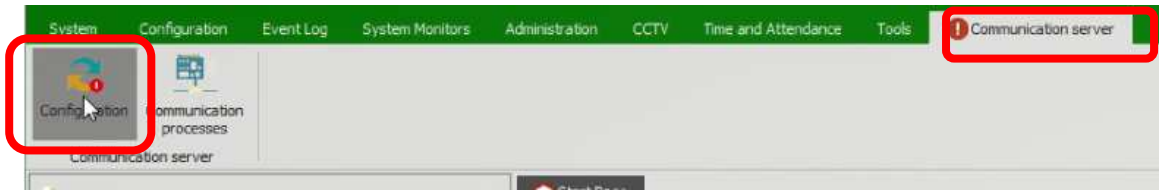
- Click OK to start the AC-MAX LT software.

Software started with Admin.

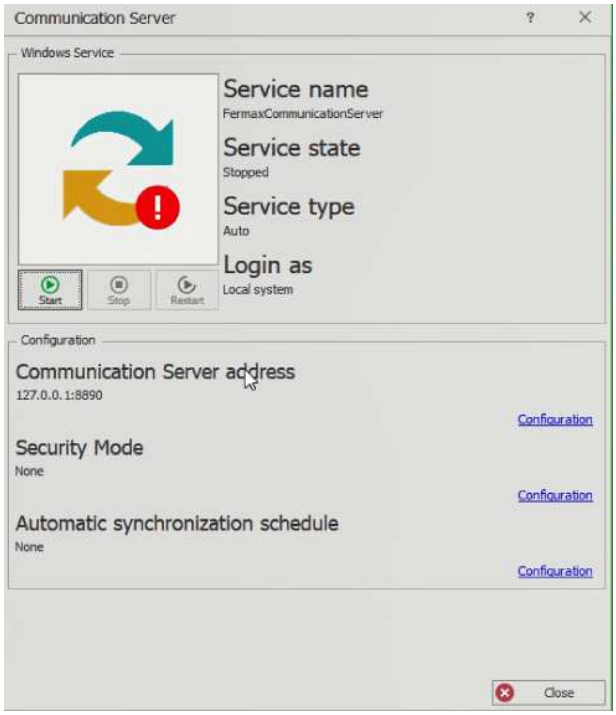
Software started with Basic. CCTV tabs and Support Zones disappear.



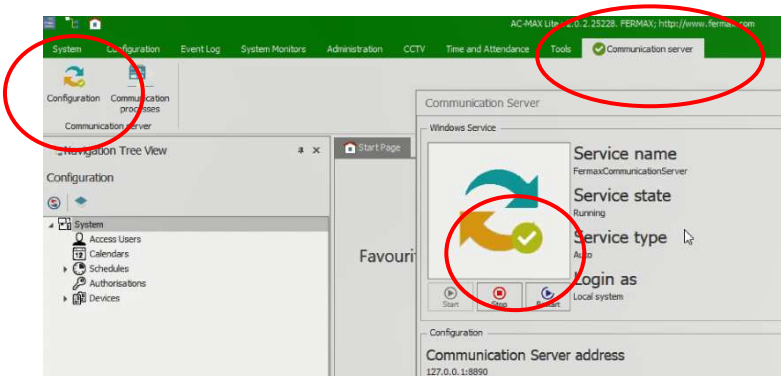
We'll look at Service Communication



- Go to Settings to activate the Services. **Important before activating them the PC must be in the IP range of the kit controller and fingerprint readers before configuring them must be in the** range **192.168.0.xx**

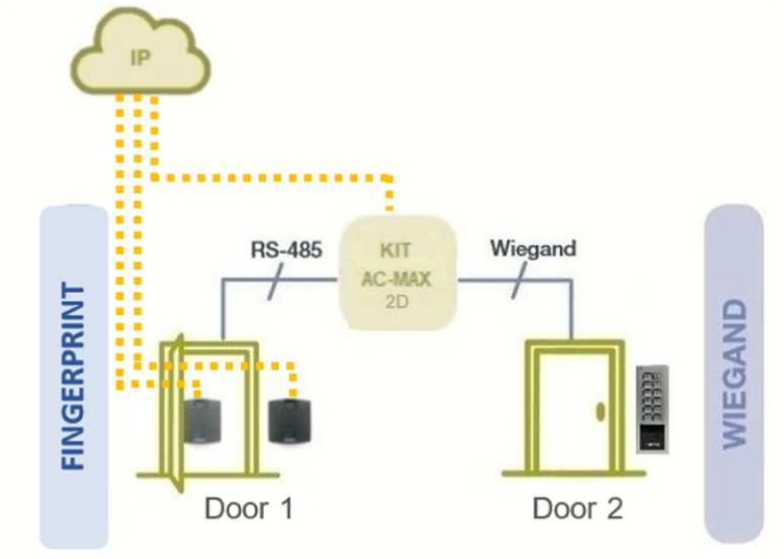


Until you see in green confirmation that they are active.



Step 3: Configure the installed hardware devices:

Example used.



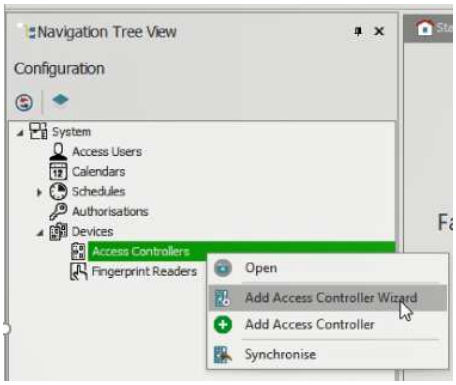
Device configuration – IP Adress and ID RS-485 for the fingerprint.

The purpose of the controller's low-level configuration is to define the properties of the controller. There are several low-level configurations, but the most important **are the IP address and communication** key that is used to encrypt communication with the controller on the Ethernet network. This guide uses an access controller with firmware 1. 7.2 or higher.

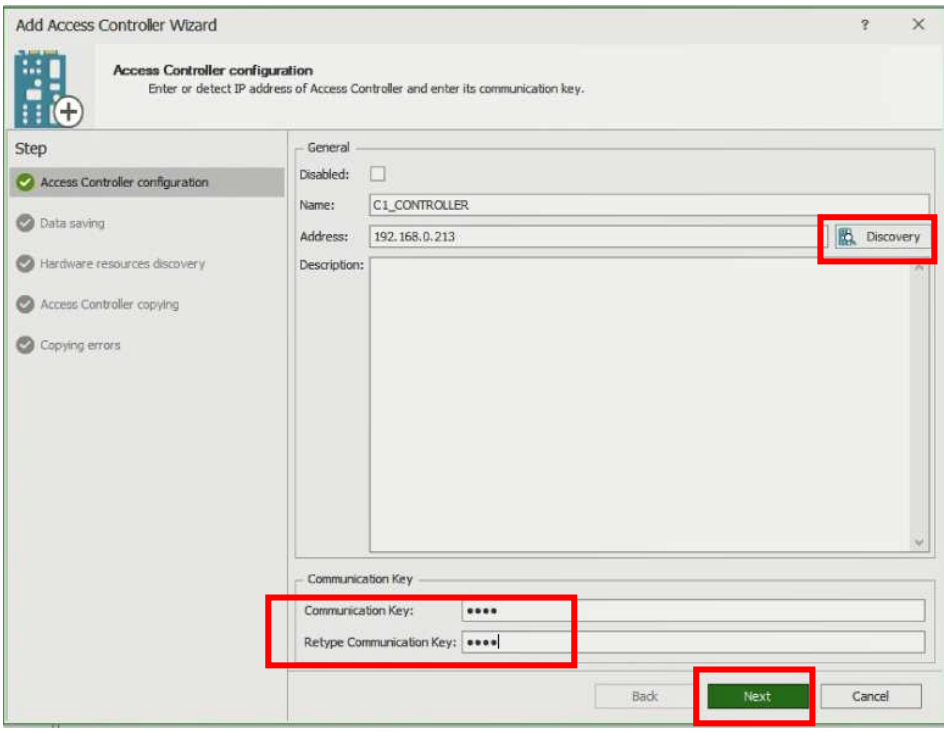
The new **ac-MAX-CU factory** controller has the IP address set to **192.168.0.213** and the communication key is **1234**. Both can be changed at a low level.

- Connect the power supply to the controller.
- Connect the controller to your computer with the RJ45 Ethernet cable, make sure that the IP address of your computer's network adapter is in the same range as the controller address, for example. 192.168.0.99

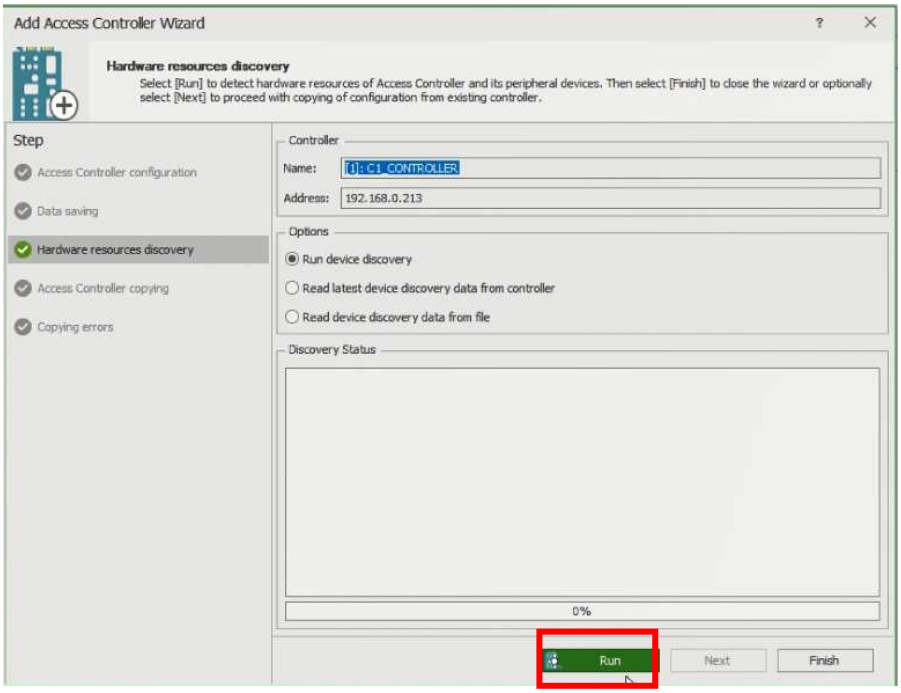
- First we deploy Devices and above Right-click Access Controller select *Add Access Controller*.



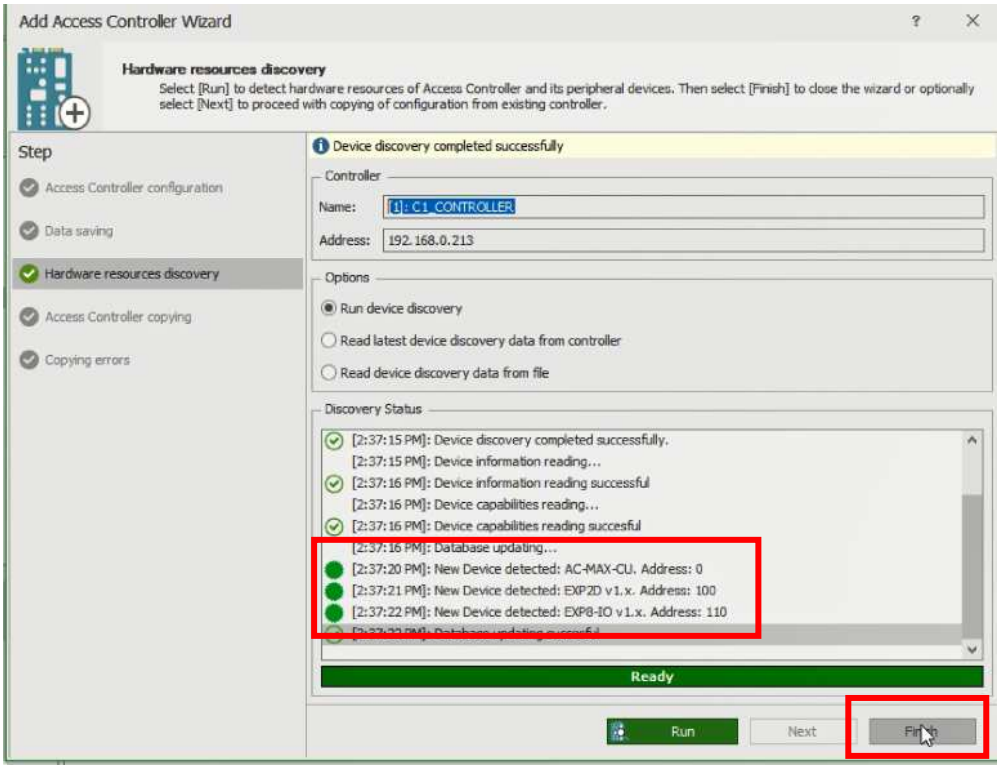
- We will detect the control unit and put your default communication key IP **192.168.0.213** communication key. **1234.**



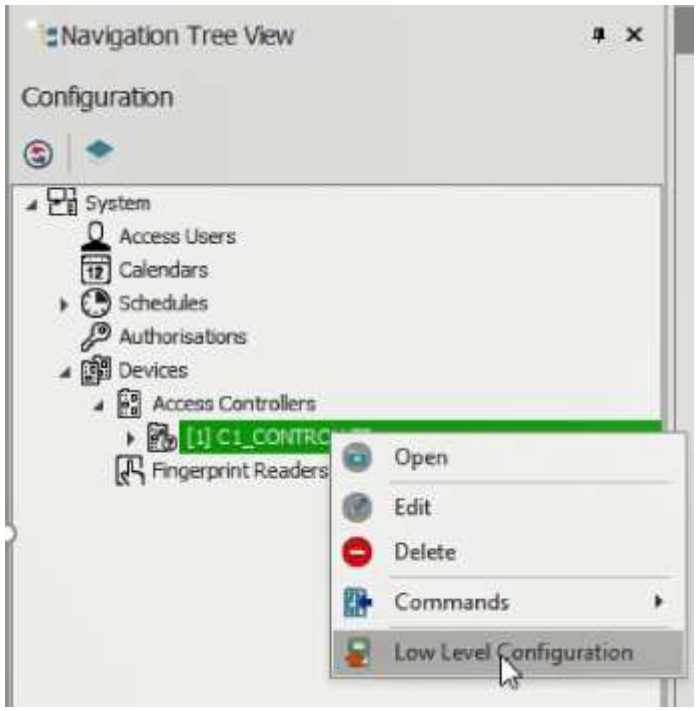
- Next we run device discovery.



- Once detected we close the window

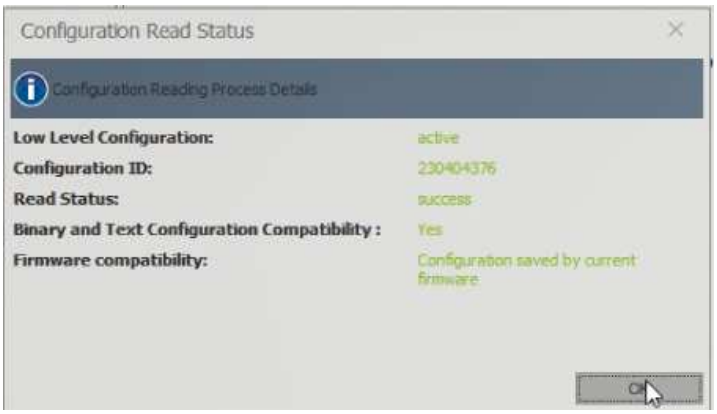


- Now we will configure the detected driver to change the IP address in the desired range.

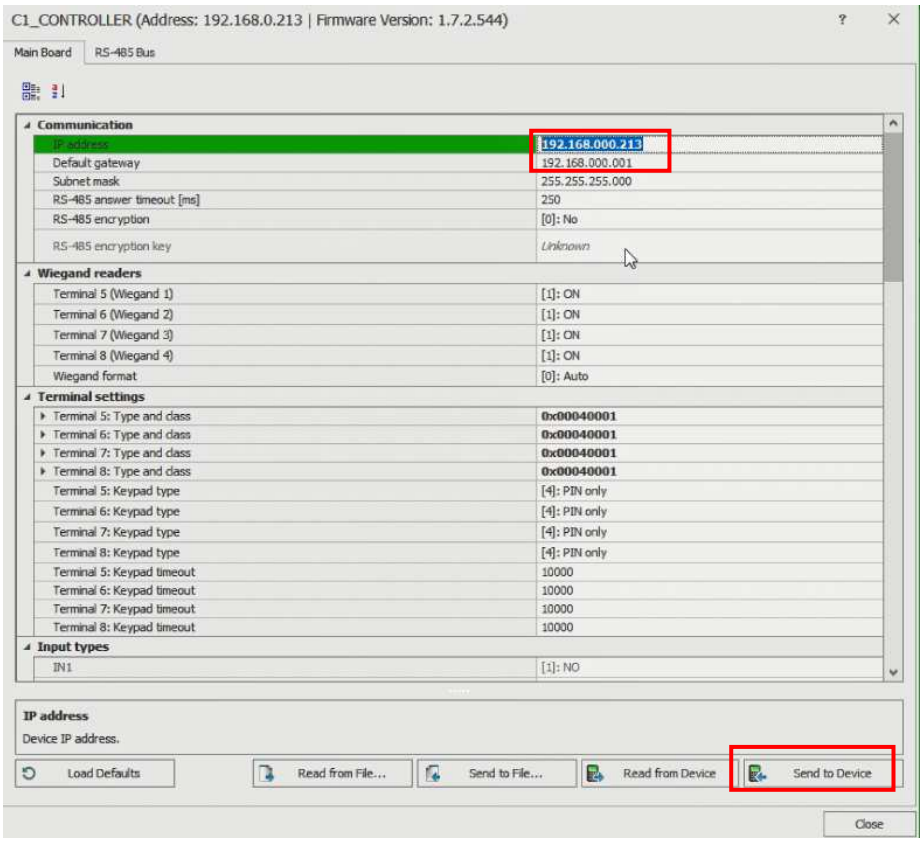


- A warning appears that you will switch to Service Mode. Click Yes.

- The following message appears. Ok.

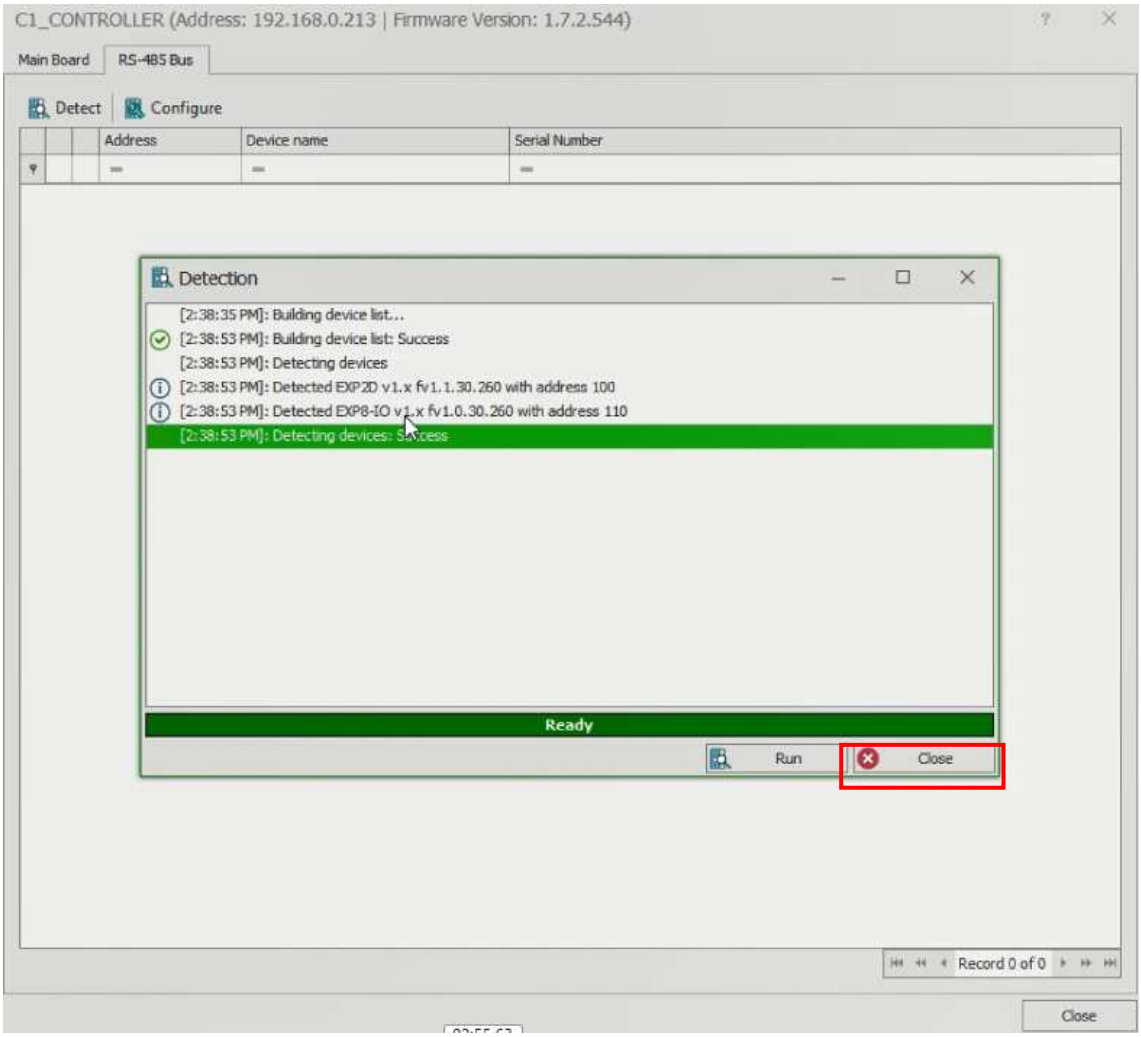


- Configure the IP address and parameters that are required and send it to the device.

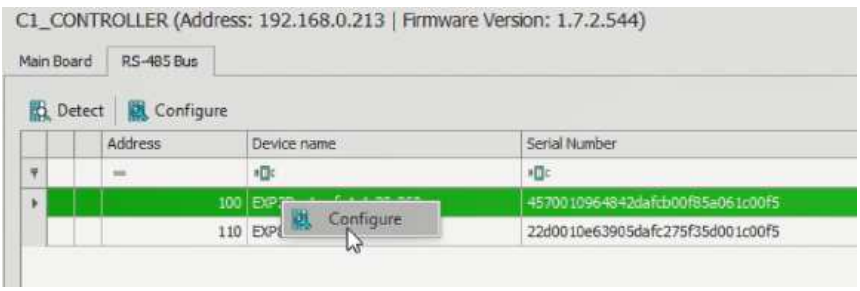


- Then configure the expanders detected on bus RS-485 at a low level by selecting Bus RS-485.

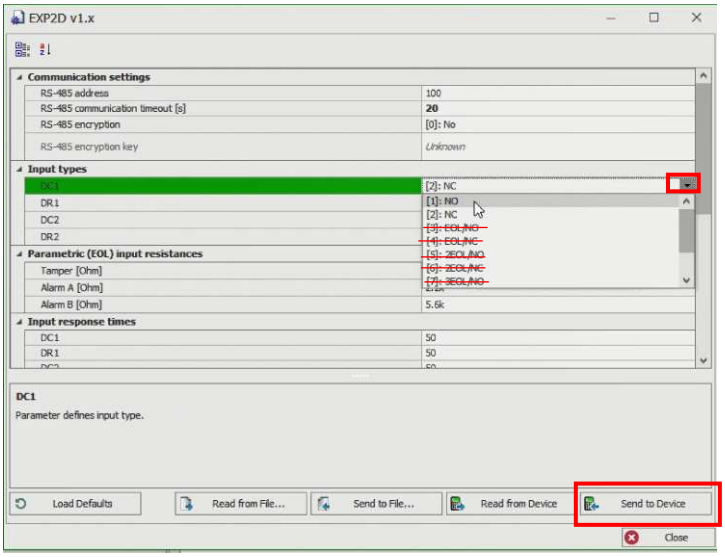
- Device discovery will automatically run.



- Right-click on the expander you want to set up. If you have EXP8-IO expanders, they must have different addresses.

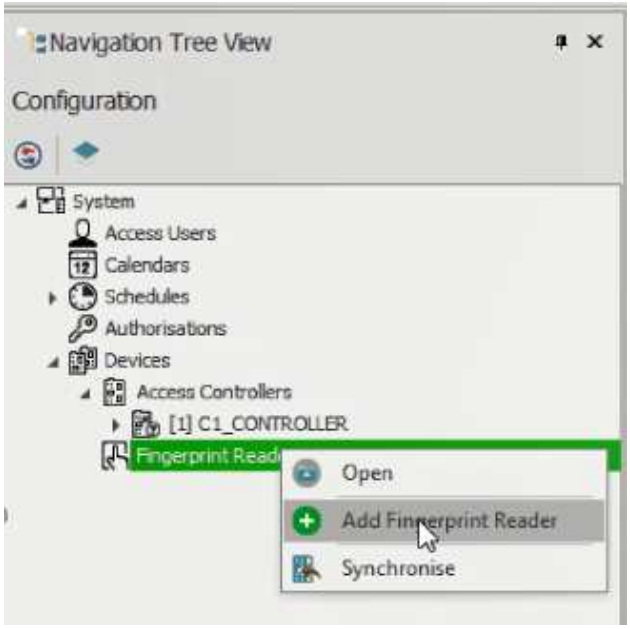


- If desired, you can change some parameters such as input types. You can only select NO (normally open) or NC (usually closed). All other functions are not available in AC-MAX. Then *send to device* if any changes have been made. All expanders in the installation must have a different RS-485 address for them to be detected correctly.

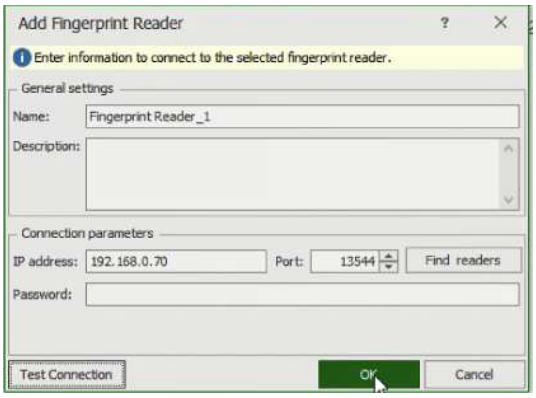


- At the end it queries us if we want to re-initialize the devices if we want to detect them again. If we have changed the IP address of the controller we will have to change the new address and set its communication key 1234. For now we'll tell you no.

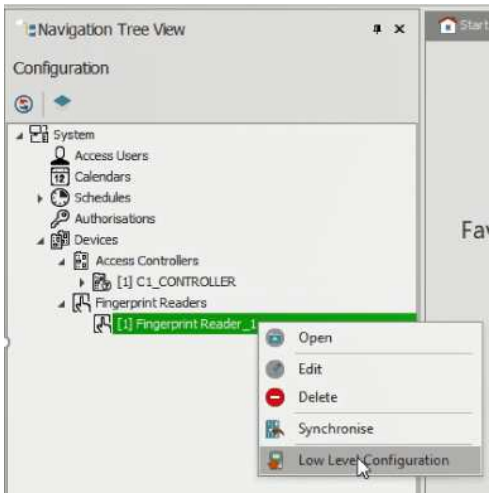
- Then we'll add the fingerprint readers

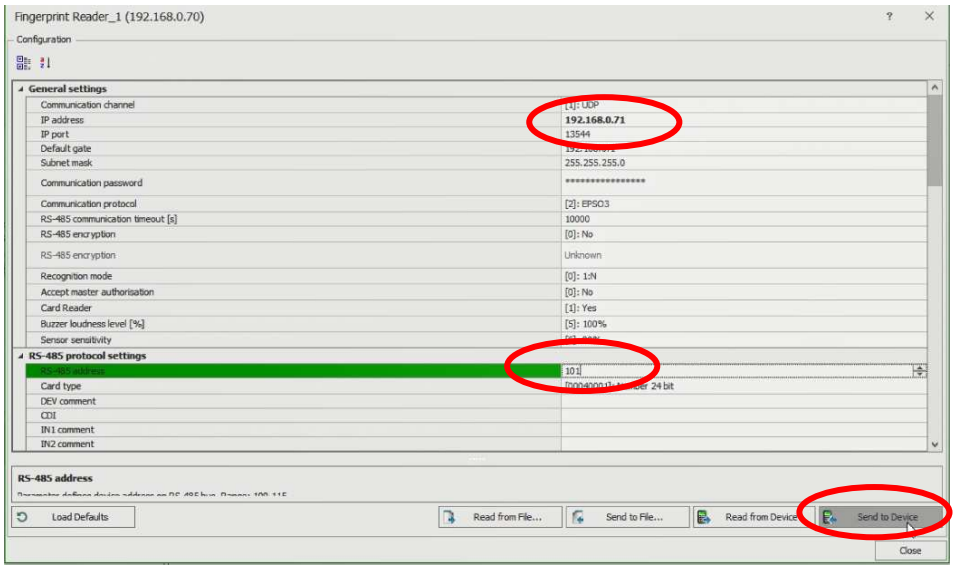


- We will enter the default address manually and check the correct connection. **192.168.0.70**

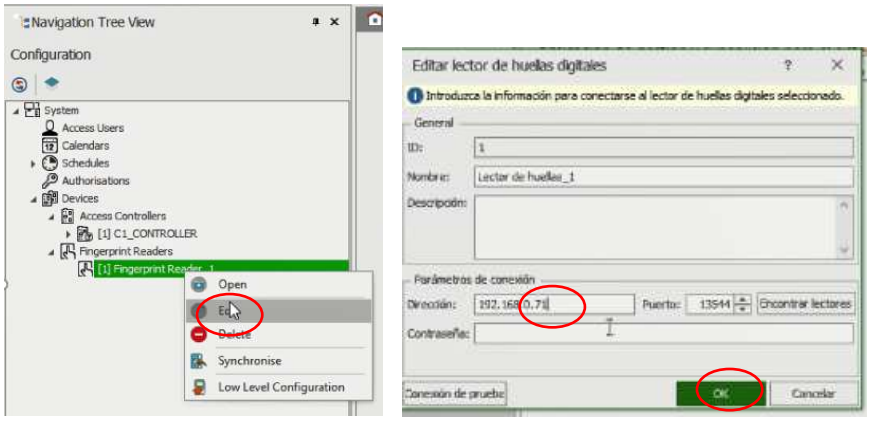


- Once added we will configure it at a low level to set the new IP address and its RS-485 address. Example 192.168.0.71 and address 101 and we will ship to the device.



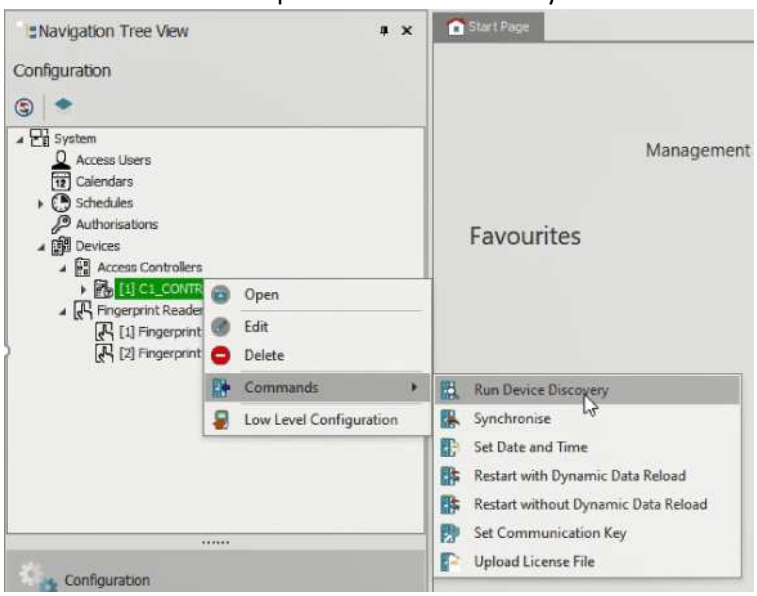


- Closing will tell us that the parameters have been changed and the connection will be closed.
  So we reopen the fingerprint reader that we created right-click Edit and walk the IP address back to the new address we've set for it.



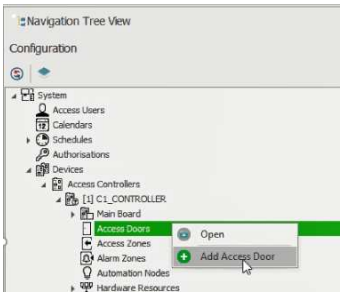
We'll relaze the same steps for all other fingerprint readers if they exist.

- When the configuration of all devices is complete, we will re-initialize the devices so that they are re-detected with the new parameters and then synchronize.

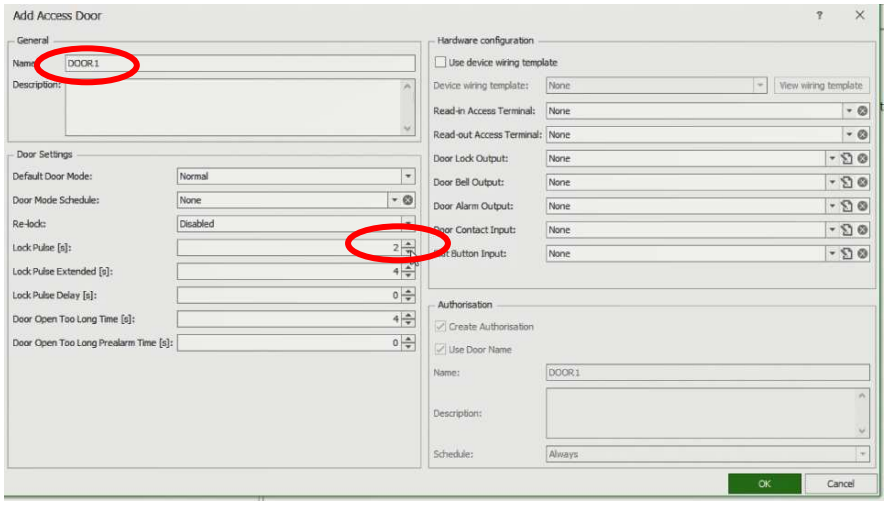


Step 4: Configure the installation. Add doors, users, etc:

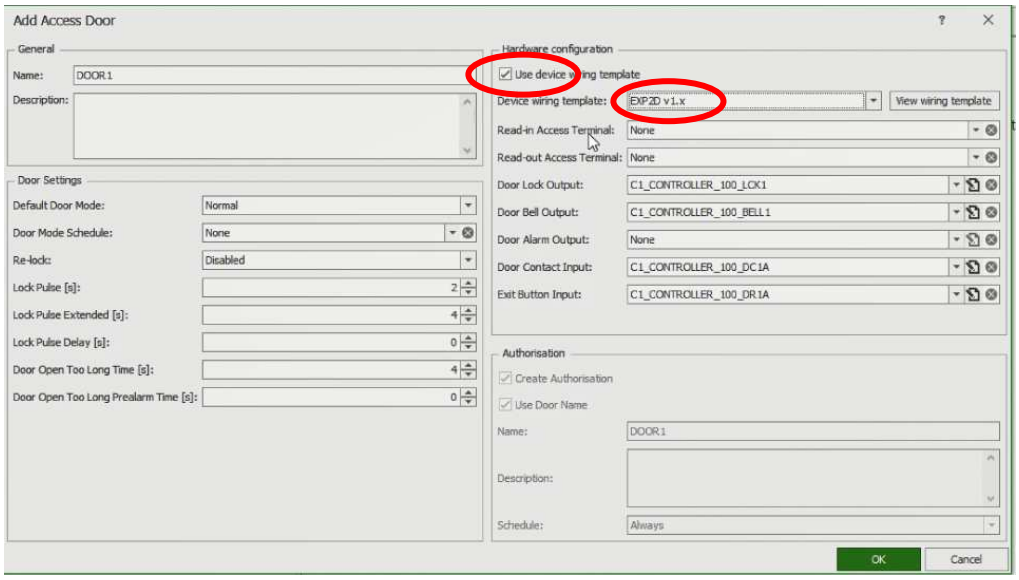
- Add door 1.



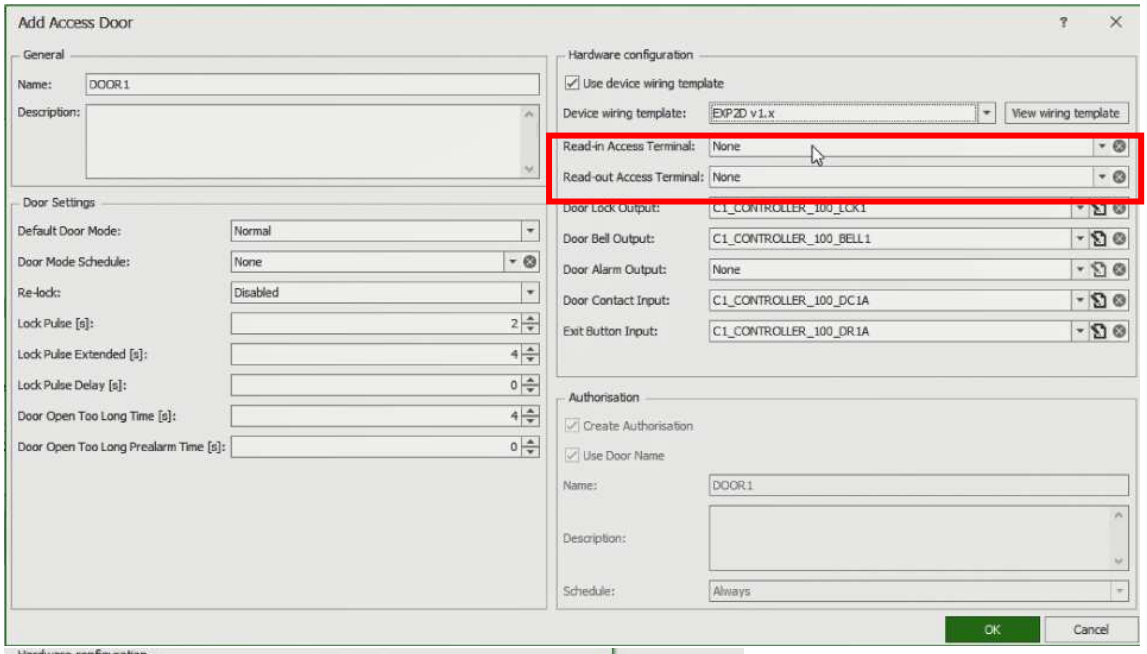
- We'll assign the door name and opening time.

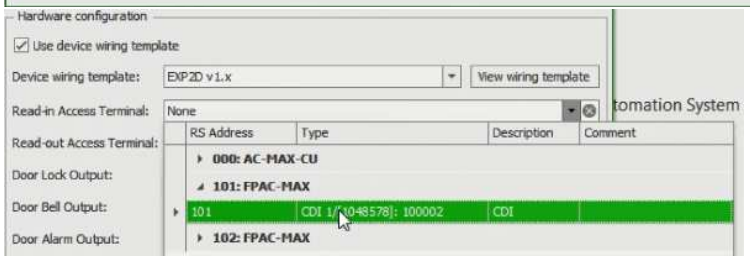


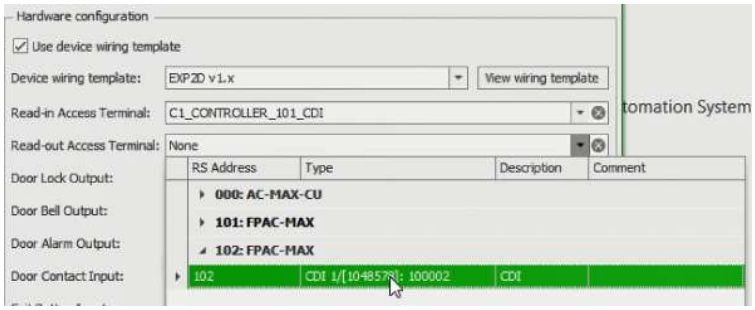
- Then **we will select the IMPORTANT template** to select the **2D/4D EXPANSOR template**



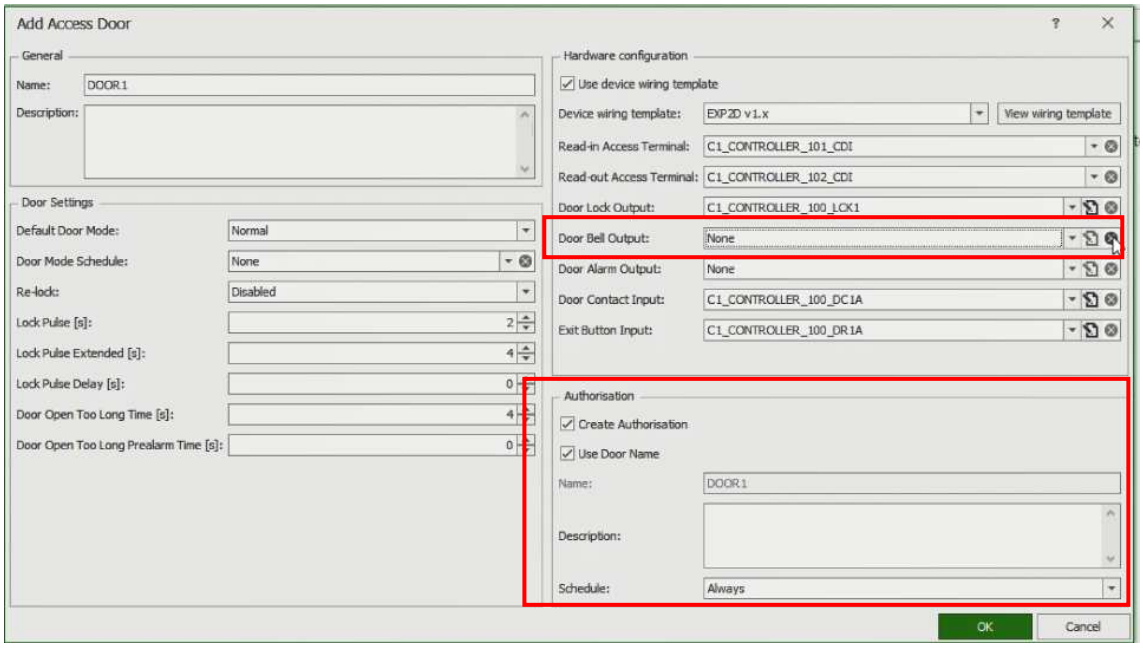
- Then we will select the input reader (Fingerprint reader set to 101) and the output reader (fingerprint reader set to 102)



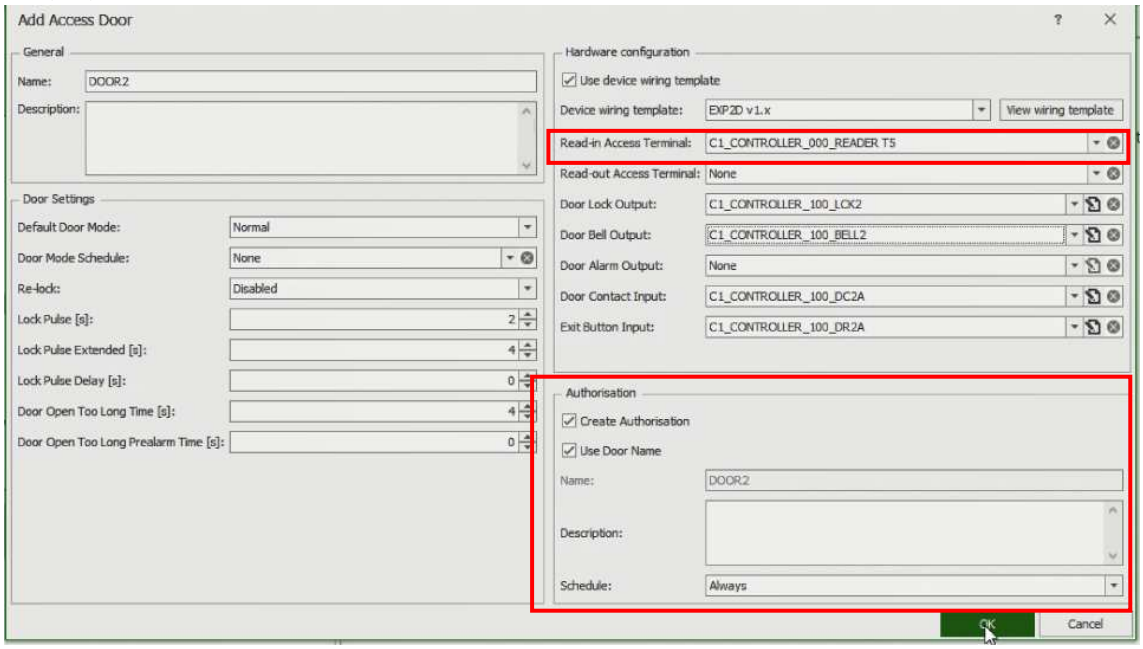




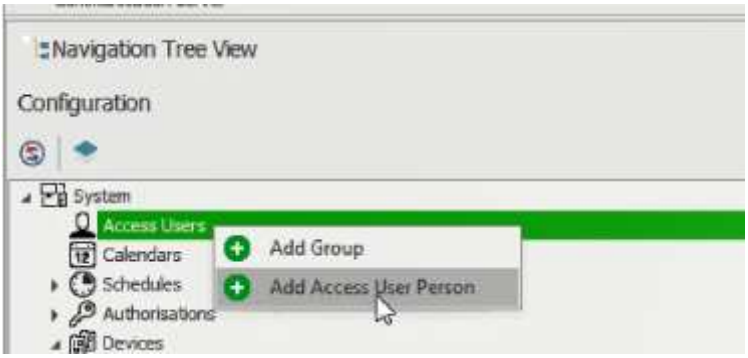
- And we'll select or override devices we don't use.
  We see that in this example with the x we have canceled the BELL 1 doorbell.
- We also have selected Create a new Authorization using the same door name and at always schedule.



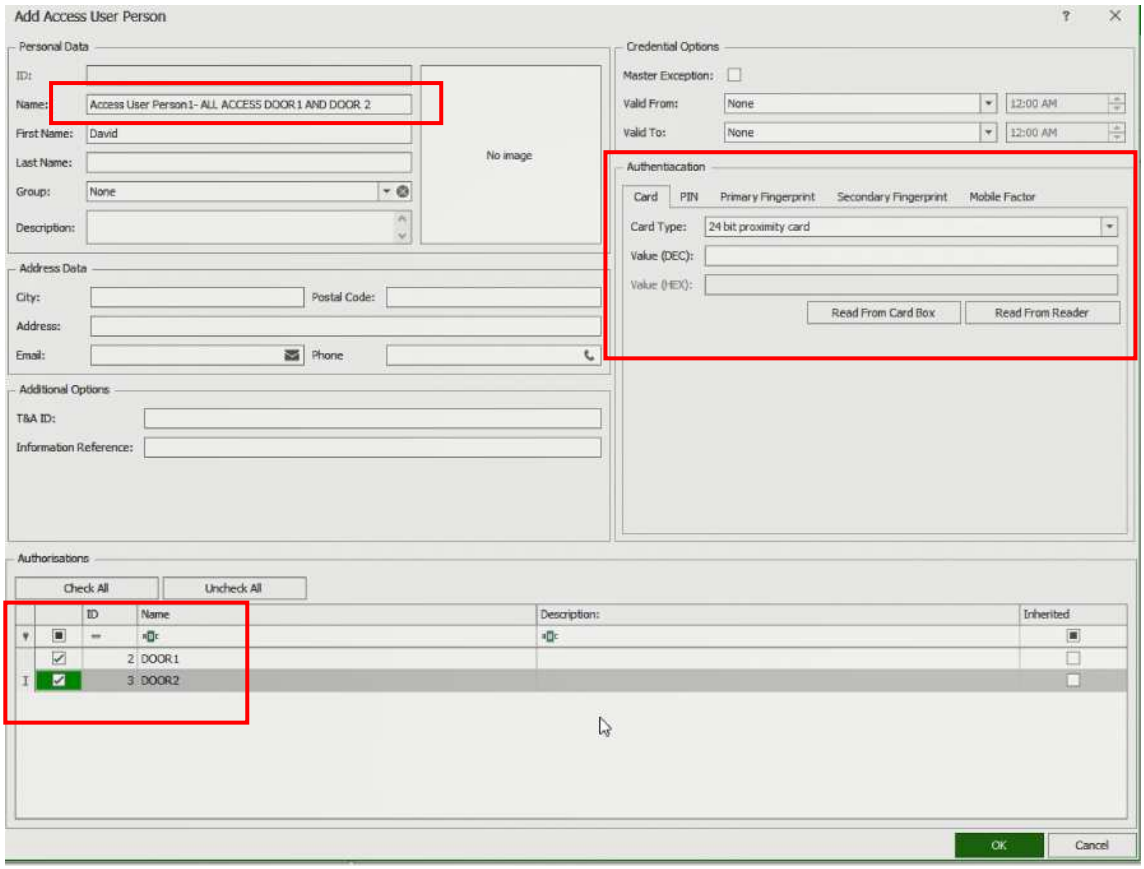
- We will do the same with Gate 2 but this time selecting the input reader the T5 terminal that corresponds to the wiegand 1 reader. The connected between terminals IN1(D0), IN2(D1).



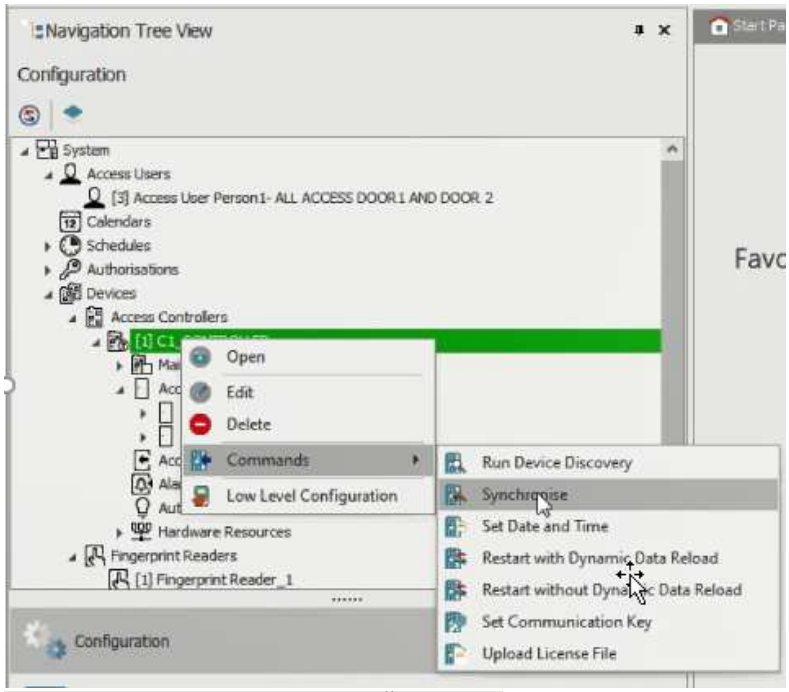
- Then we will add the necessary users.

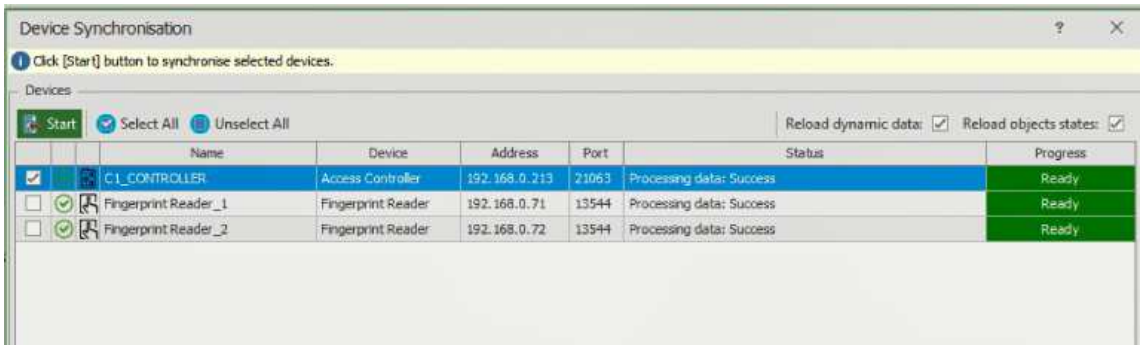


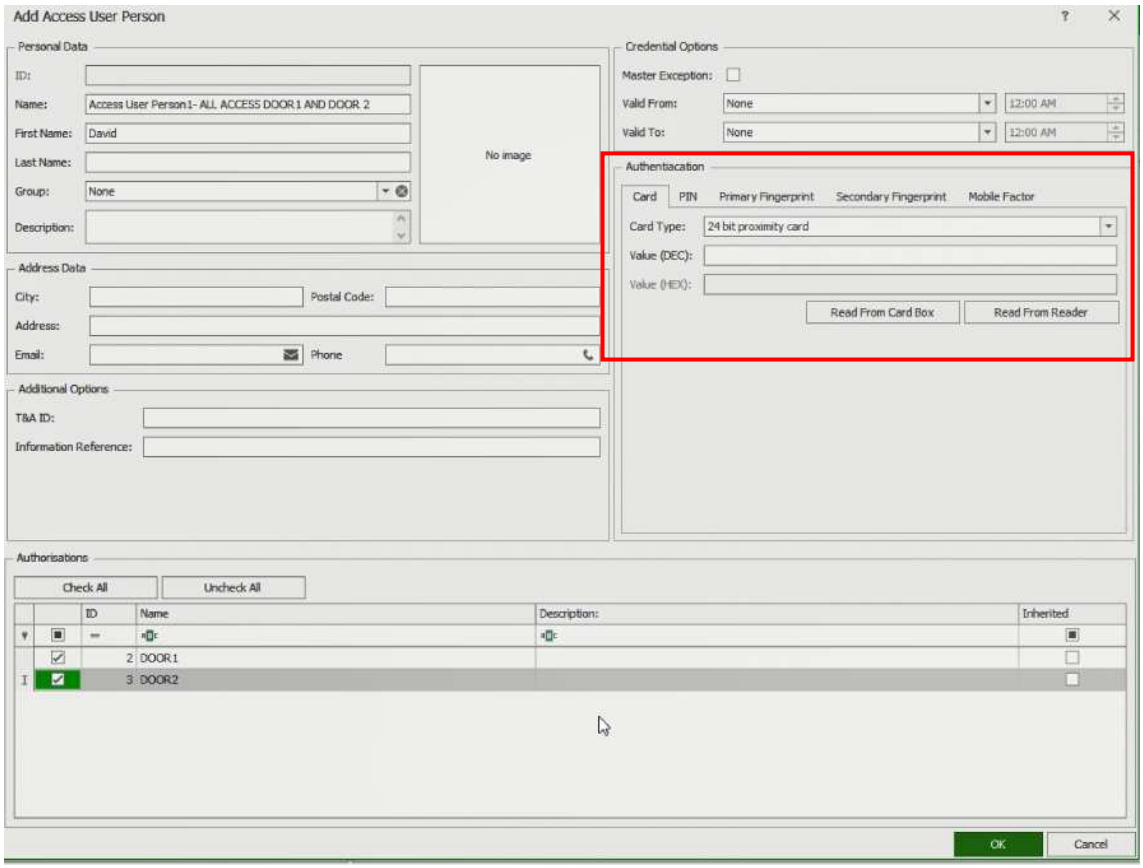
We will give you name and personal data and select where we want to give you access authorization. In this case on both doors.



- Then we'll add the corresponding identifiers.
  First Sincronise







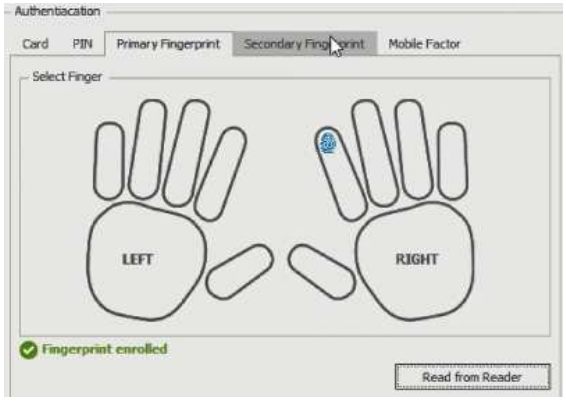
Card, PIN, Fingerprint and Second Fingerprint. Click Read from Reader and select the corresponding reader.

CARD

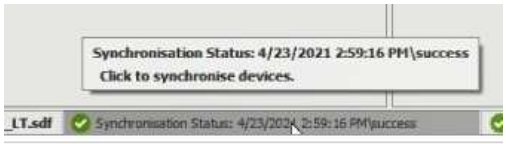
PIN

In reference information indicate the number entered for subsequent queries.

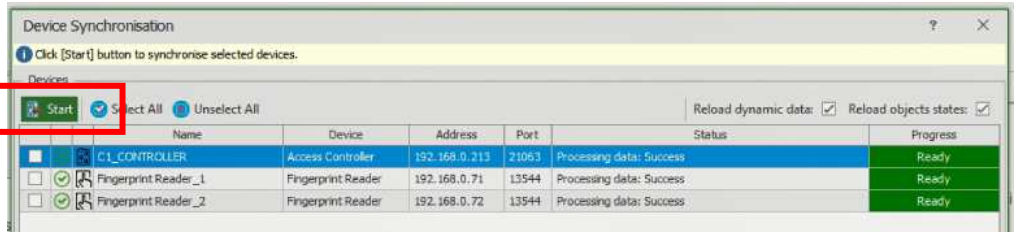
FingerPrint



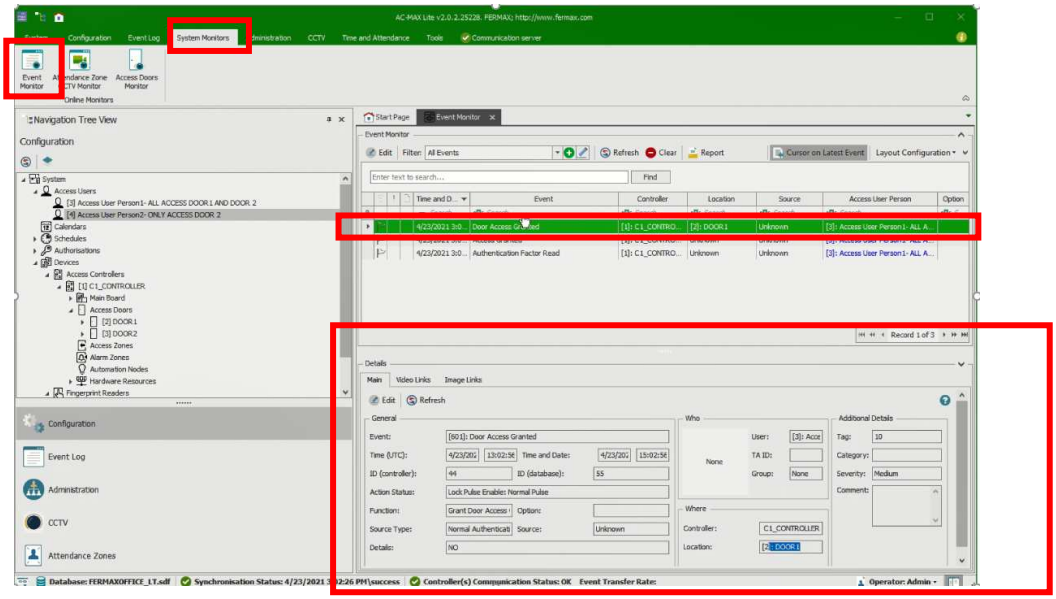
- At the end and after entering all users synchronize the project with the controller.



- And sync all devices by selecting Sync in the bottom bar.



- We will check the correct functioning *and in Event Monitor* we can visualize the reaction of the system by presenting the identifiers in the accesses and viewing the details of each event.



START GUIDE AC-MAX LT v2.0

Configuração de software e passos de configuração.

O software de gestão AC-MAX LT utiliza o seguinte software.

AC-MAX LT v2.0

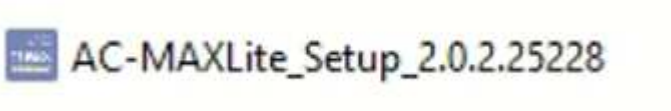
Os manuais e o software v2.0 disponíveis www.fermax.com através do código QR (1) anexado,

(1)

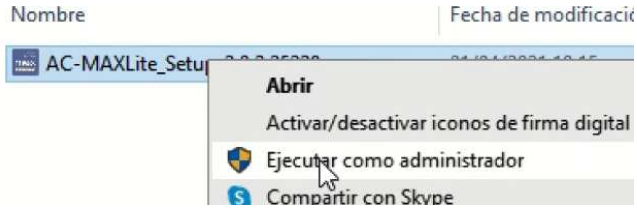
conteúdo

Passo 1: Instalar software – Instalar AC-MAX LT.

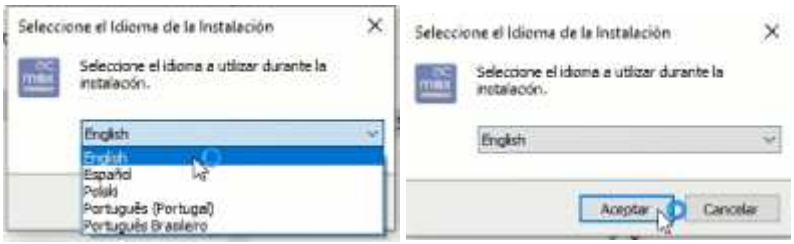
- Descarregue o software a partir da web ou da ligação QR anexada.



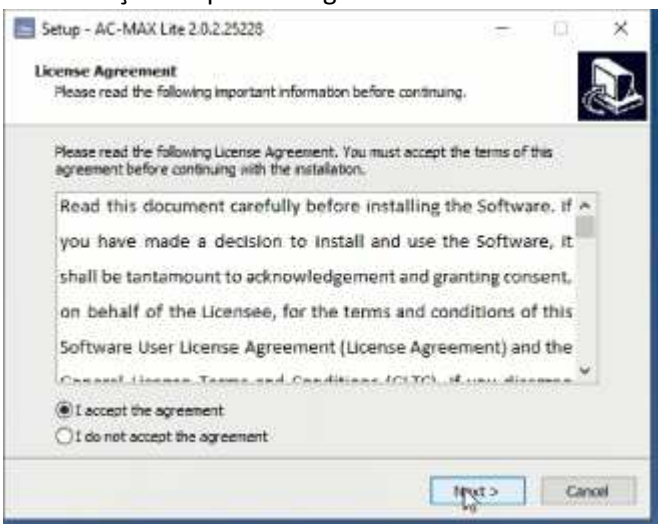
- Instale como umdministrator.



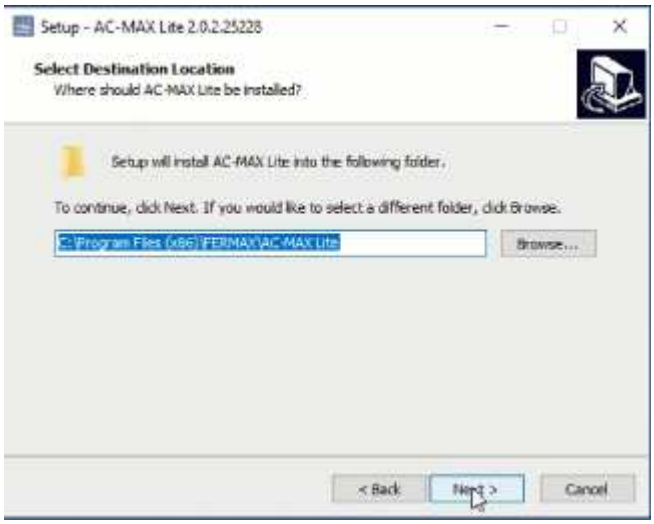
- Selecione o idioma de instalação.



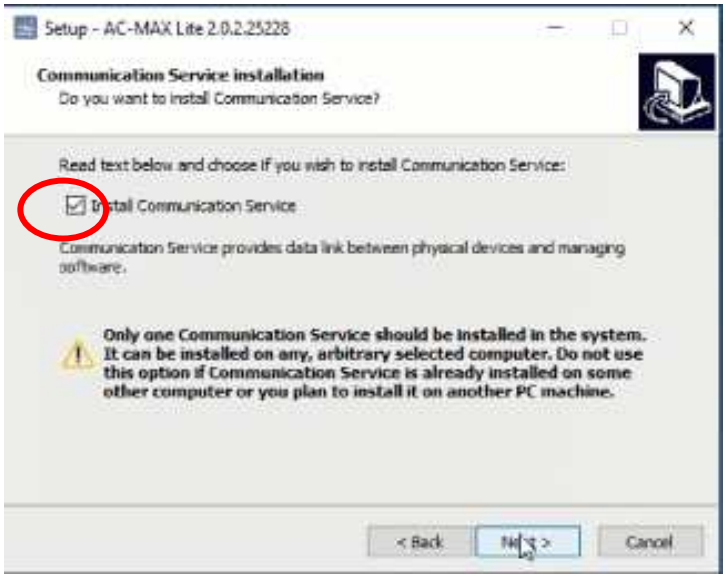
- Aceite o contrato de licença e clique em Seguinte.



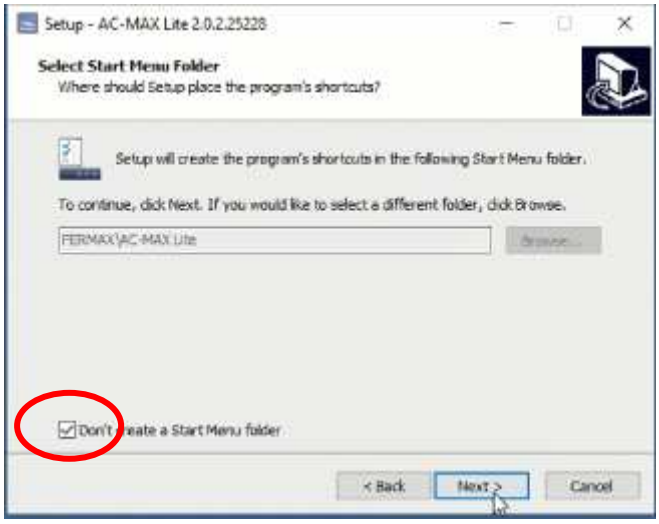
- Vemos onde o software será instalado no PC.



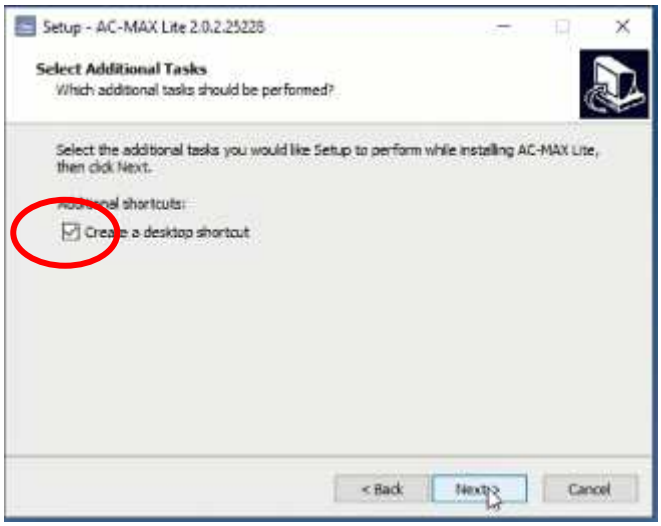
- No ecrã seguinte *selecione Instalar Serviço de Comunicação.*
    - É importante instalar esta opção num único computador de sistema. Se forem necessários mais operadores AC-MAX LT, serão instalados sem adiar esta opção.



- Selecione Não crie uma pasta a partir do Menu Iniciar.

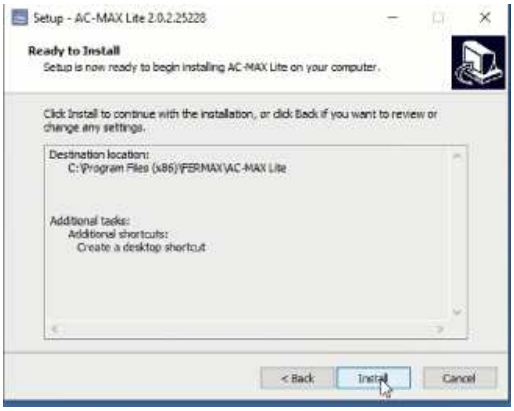


- Crie um atalho no ambiente de trabalho.



- Se já tiver AC-MAX CS instalado, receberá o seguinte aviso onde nos avisa para desinstalá-lo antes de prosseguir.

- Instale AC-MAX Lite.

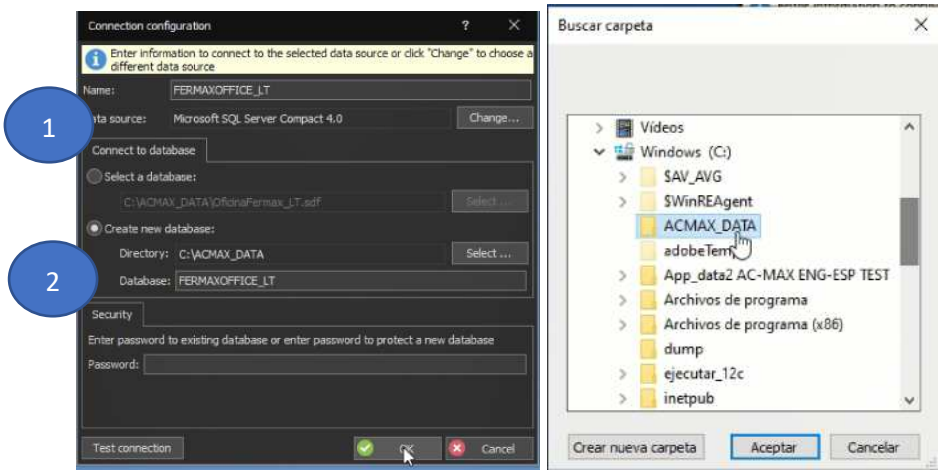


- Uma vez instalados, executaremos o software e começaremos em Finish.

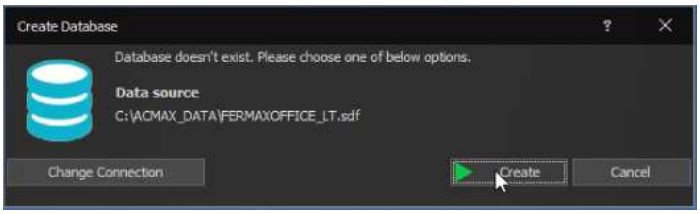
Passo 2: Criar a base de dados de instalação e ativar os serviços.

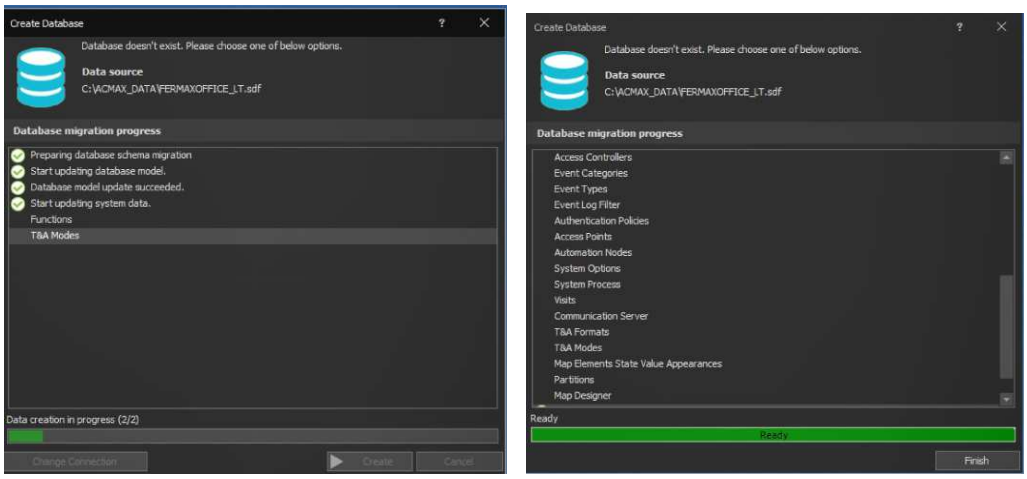
O sistema pode funcionar com uma base de dados Microsoft SQL Server Compact 4.0 de tipo local ou com uma base de dados Microsoft SQL Server 2005 de tipo centralizado (ou superior). O exemplo utilizará a base de dados de tipo local. A configuração centralizada da base de dados é explicada num outro guia.

- Na janela abaixo, insira o nome da base de dados e crie a nova base de dados selecionando a sua localização e nome de destino. Opcionalmente, desafine a senha da base de dados. Clique no **botão OK.**



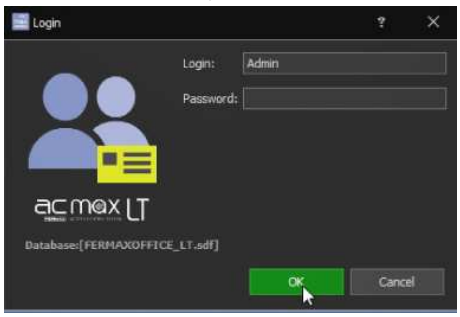
- Clique no botão Criar **quando** a janela Criar Base de Dados for visualizada.





Nota: Este processo pode demorar cerca de 4-5 minutos.

- Quando cria uma nova base de dados, é apresentada a janela de login do software AC-MAX LT. Começando como Administrador, sem senha.

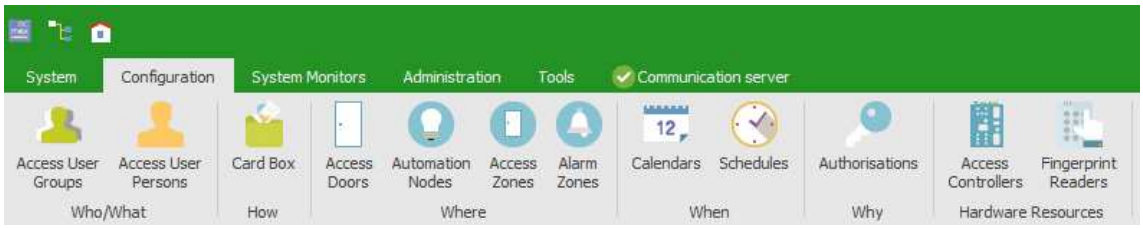


A primeira vez que obtemos como Administrador ou Básico sem senha, então nos pede para introduzir uma nova senha e confirmá-la. Aconselhamos que coloque 'fermax' 'fermax' 'fermax' porque se esquecer a palavra-passe não poderá restaurá-la e perderá a base de dados.

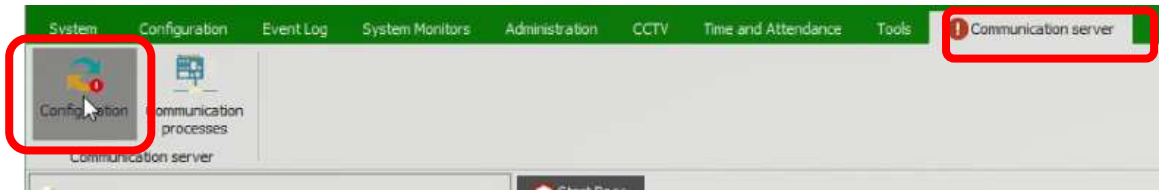
- Clique em OK para iniciar o software AC-MAX LT.

O software começou com o Administrador.

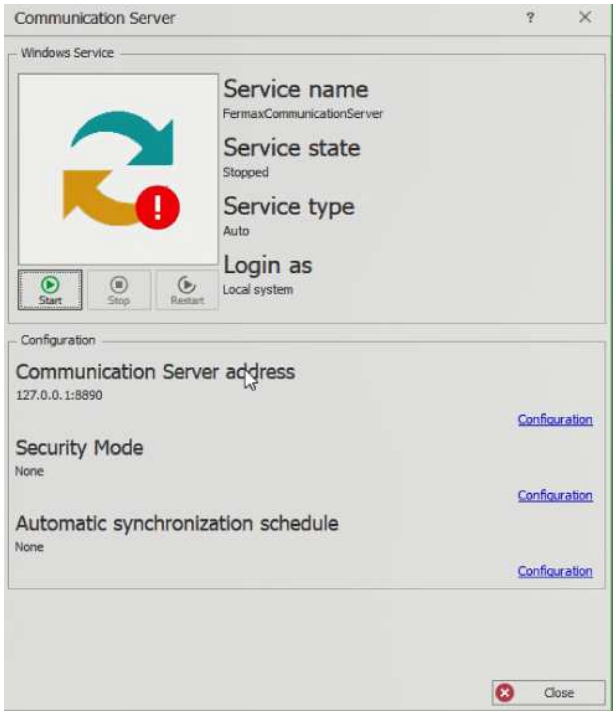
O software começou com o Basic. Os separadores CCTV e as zonas de suporte desaparecem.



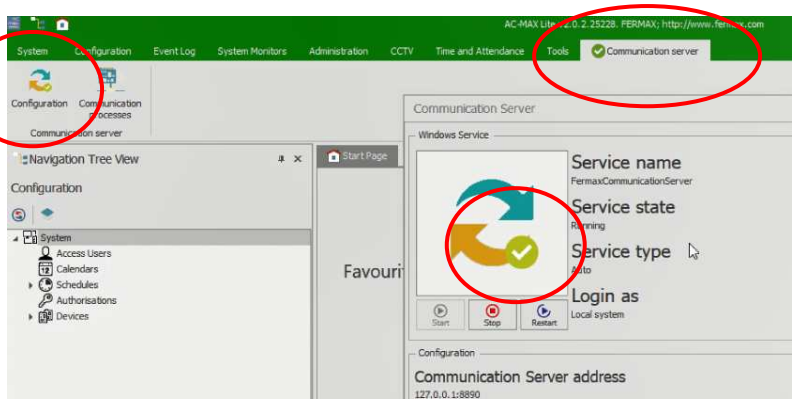
Vamos ver a Comunicação de Serviços



- Vá a Definições para ativar os Serviços. **Importante antes de os ativar, o PC deve estar na gama IP do controlador de kits e os leitores de impressões digitais antes de os configurar devem estar no** intervalo **192.168.0.xx**

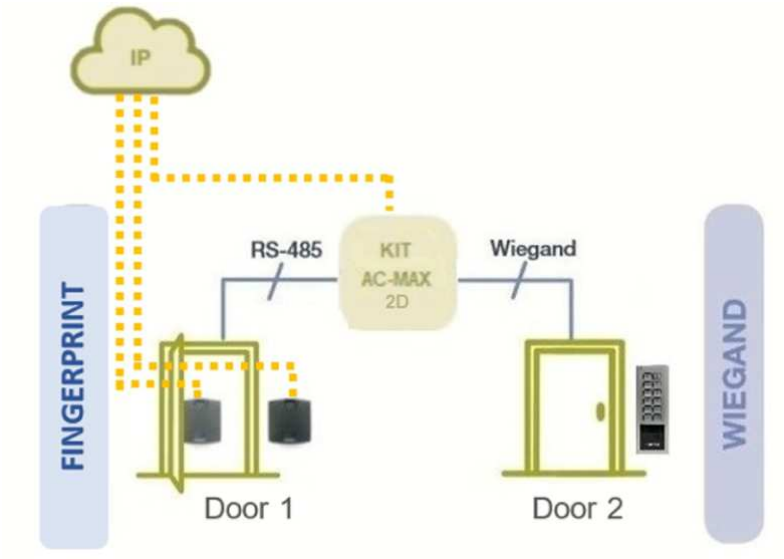


Até ver em verde a confirmação de que estão ativos.



Passo 3: Configurar os dispositivos de hardware instalados:

Exemplo usado.



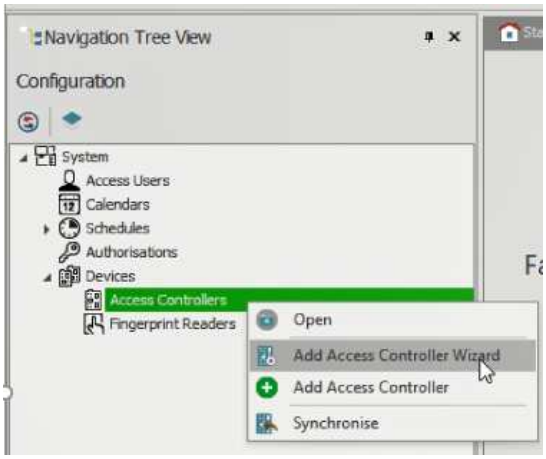
Device configuration – IP Adress and ID RS-485 for the fingerprint.

O objetivo da configuração de baixo nível do controlador é definir as propriedades do controlador. Existem várias configurações de baixo nível, mas o mais importante são o endereço IP e a chave **de comunicação** que é usada para encriptar a comunicação com o controlador na rede Ethernet. Este guia utiliza um controlador de acesso com firmware 1. 7.2 ou mais.

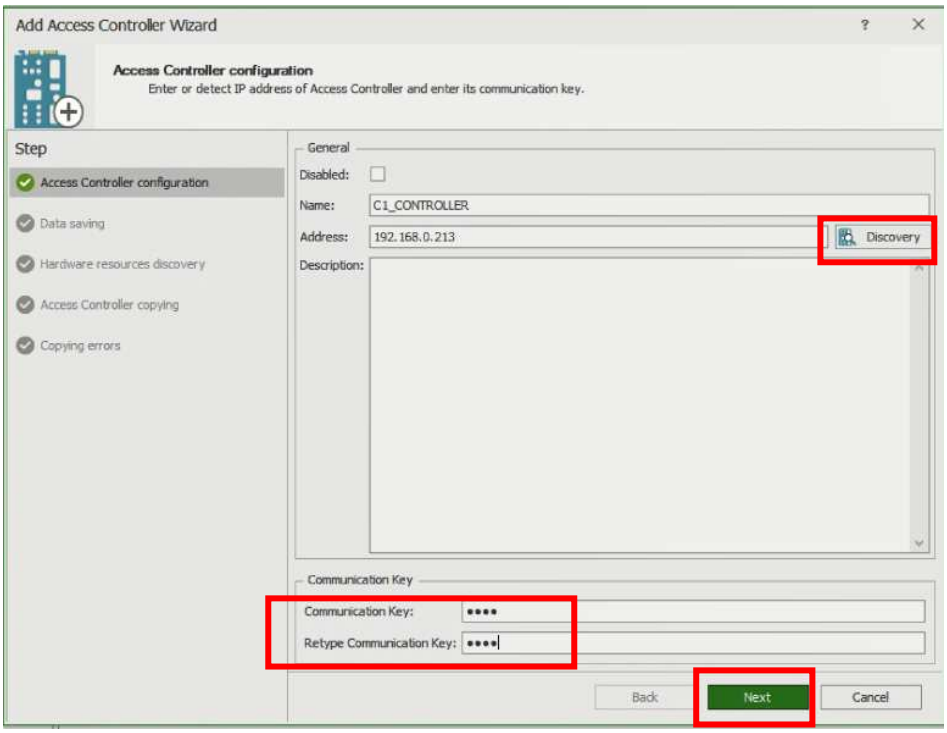
O novo controlador **de fábrica ac-MAX-CU** tem o endereço IP definido para **192.168.0.213** e a chave de comunicação é **1234**. Ambos podem ser alterados a um nível baixo.

- Ligue a alimentação ao controlador.
- Ligue o controlador ao computador com o cabo RJ45 Ethernet, certifique-se de que o endereço IP do adaptador de rede do seu computador está na mesma gama que o endereço do controlador, por exemplo. 192.168.0.99

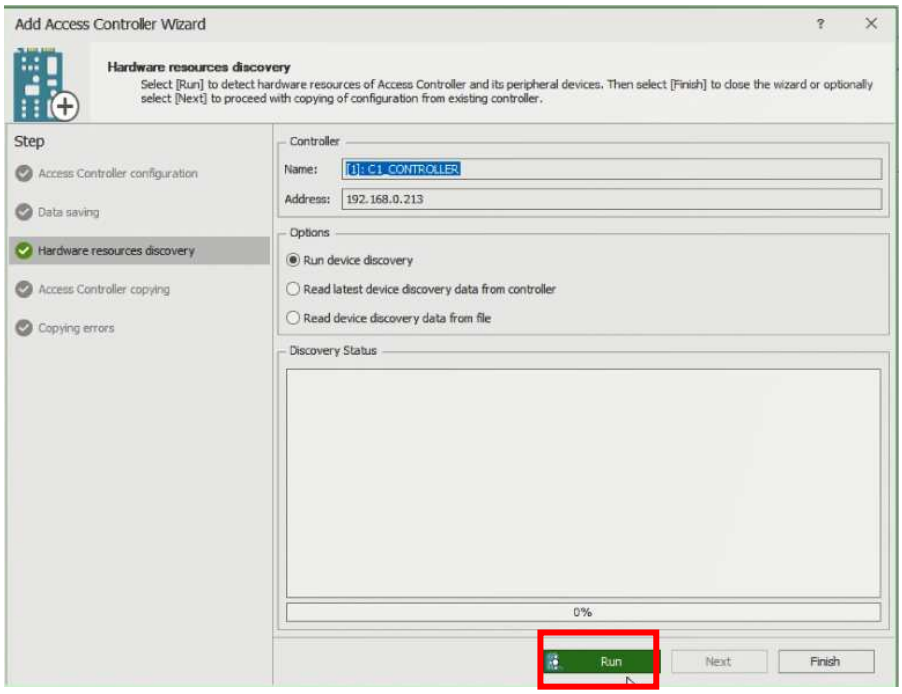
- Primeiro implementamos dispositivos e acima do controlador de acesso de clique direito selecione *Adicionar Controlador de Acesso*.



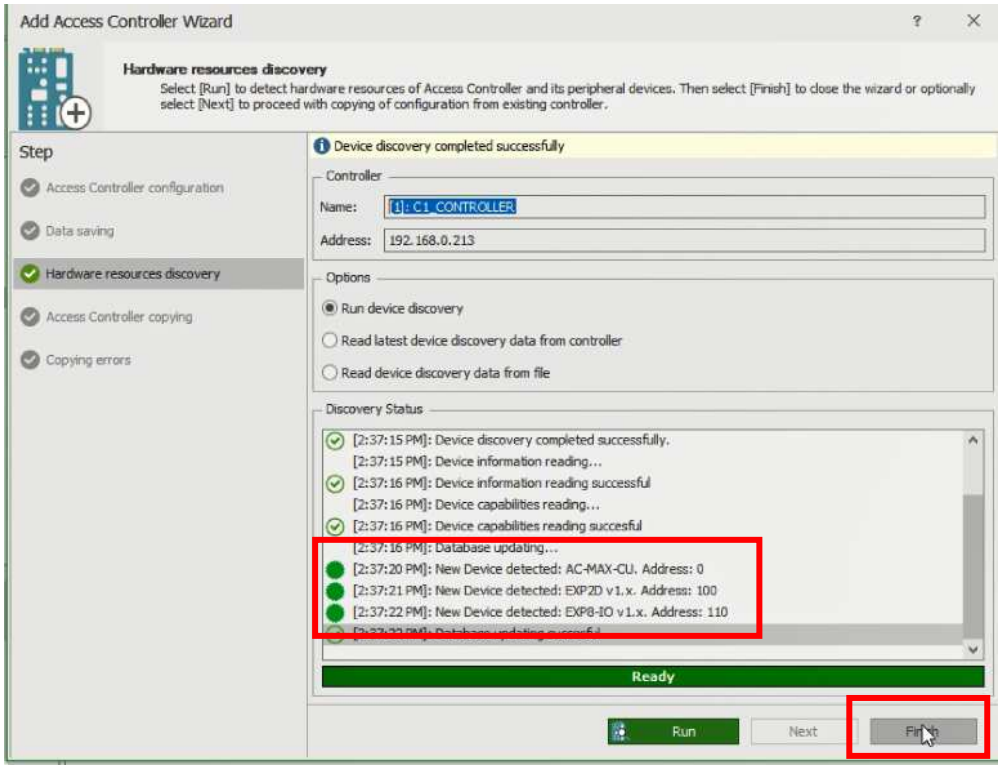
- Detetaremos a central de controlo e colocaremos a chave de comunicação ip **192.168.0.213. 1234.**



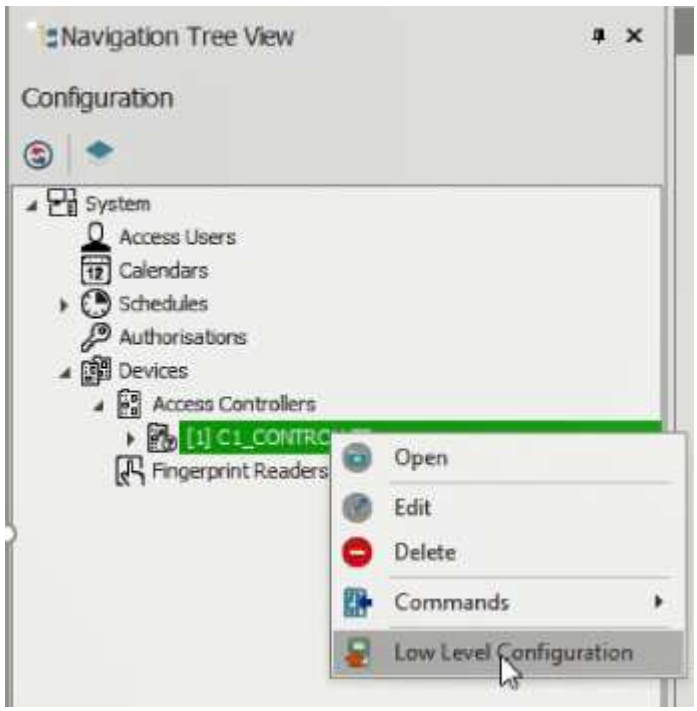
- Em seguida, corremos a descoberta do dispositivo.



- Uma vez detetado, fechamos a janela

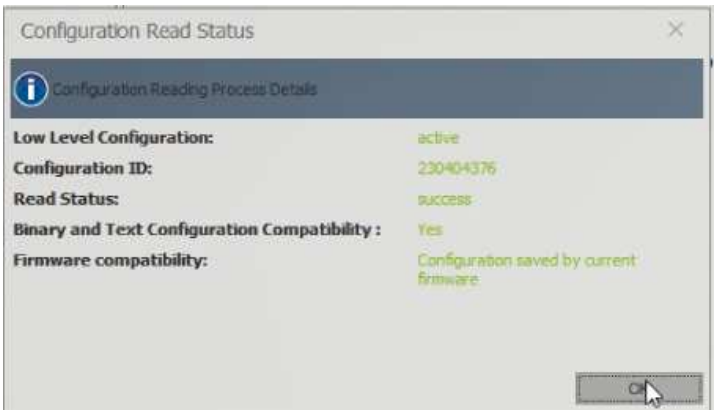


- Agora vamos configurar o controlador detetado para alterar o endereço IP na gama pretendida.

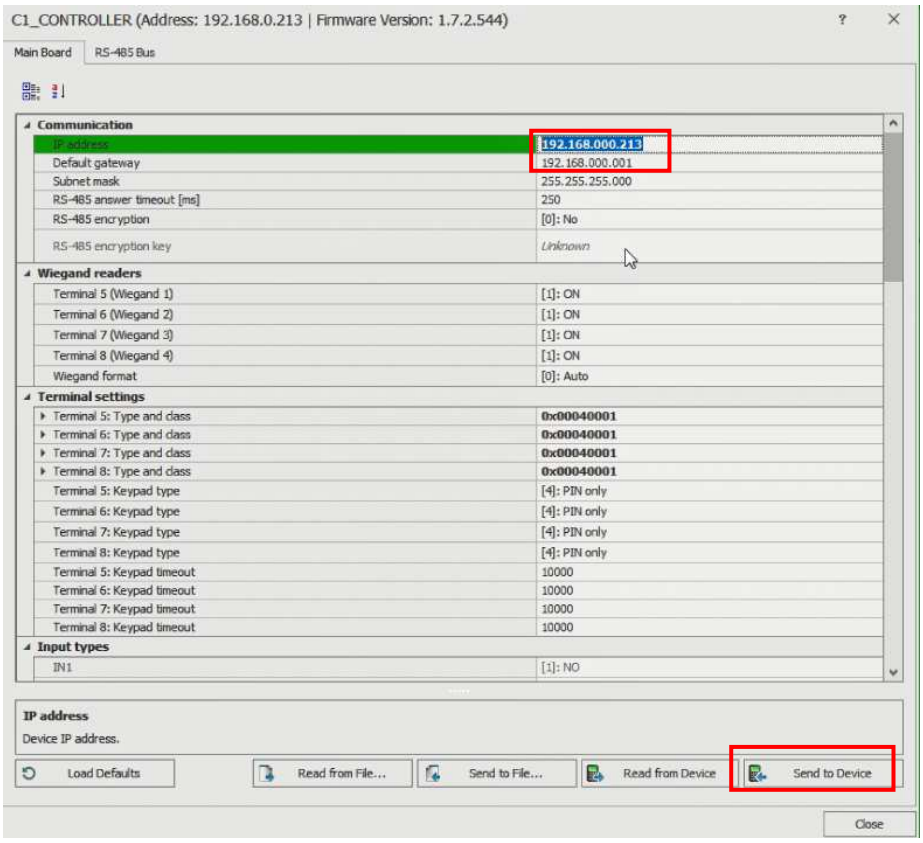


- Um aviso parece que irá mudar para o modo de serviço. Clique em Sim.

- A seguinte mensagem aparece. Ok.

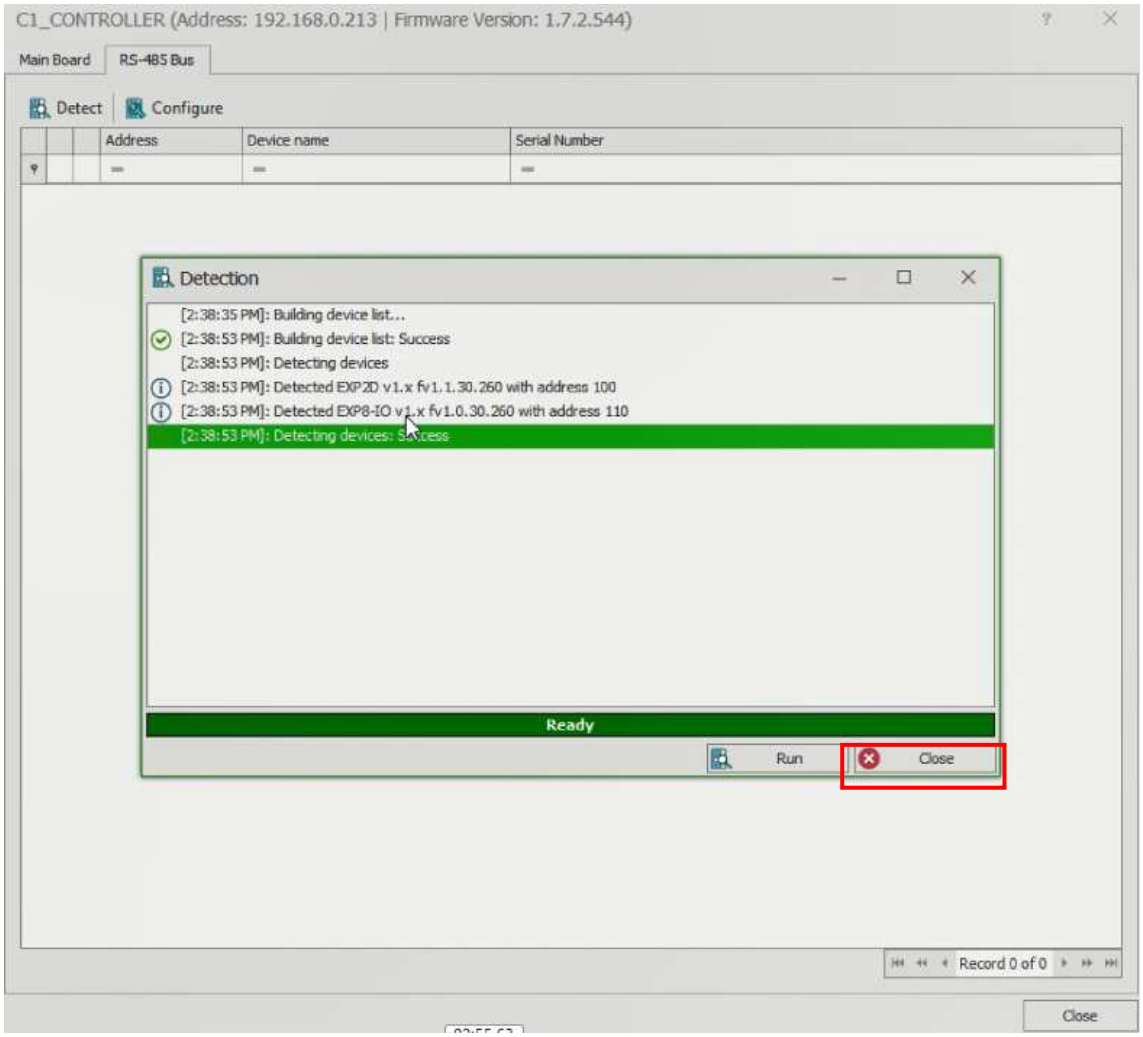


- Configure o endereço IP e os parâmetros necessários e envie-o para o dispositivo.

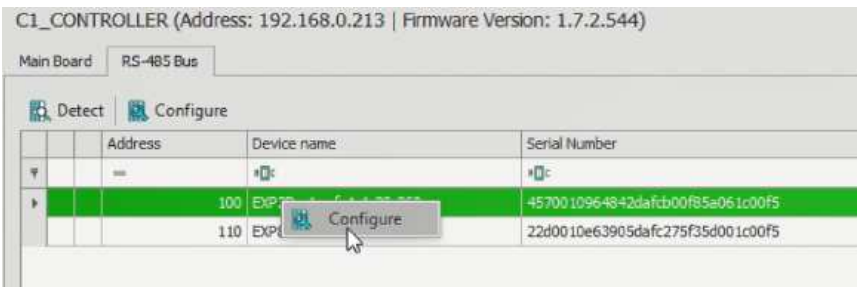


- Em seguida, configuure os expansores detetados no autocarro RS-485 a um nível baixo selecionando o Bus RS-485.

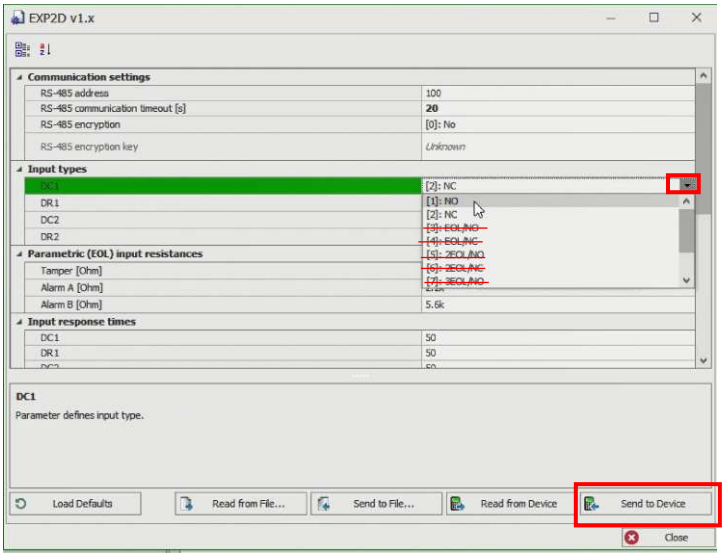
- A descoberta do dispositivo será executada automaticamente.



- Clique com o botão direito no expansor que pretende configurar. Se tiver expansores EXP8-IO, eles devem ter endereços diferentes.

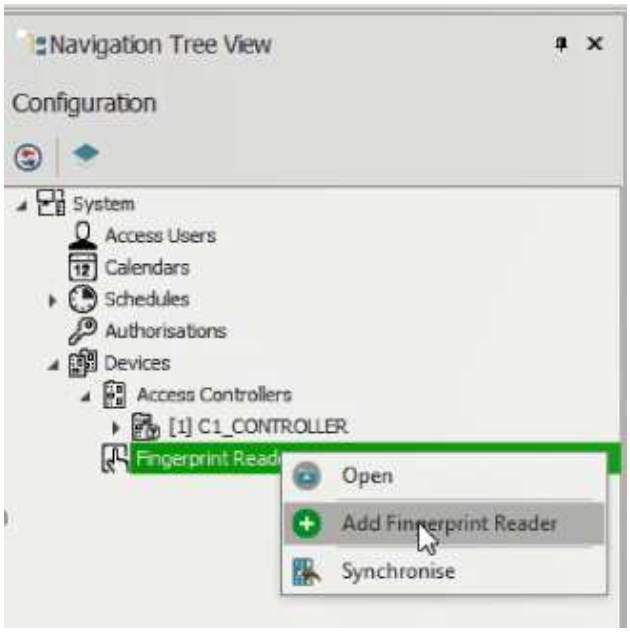


- Se desejar, pode alterar alguns parâmetros, tais como tipos de entrada. Só pode selecionar NO (normalmente aberto) ou NC (normalmente fechado). Todas as outras funções não estão disponíveis em AC-MAX. Em seguida, *envie para o dispositivo* se alguma alteração tiver sido feita. Todos os expansores da instalação devem ter um endereço RS-485 diferente para que sejam detetados corretamente.



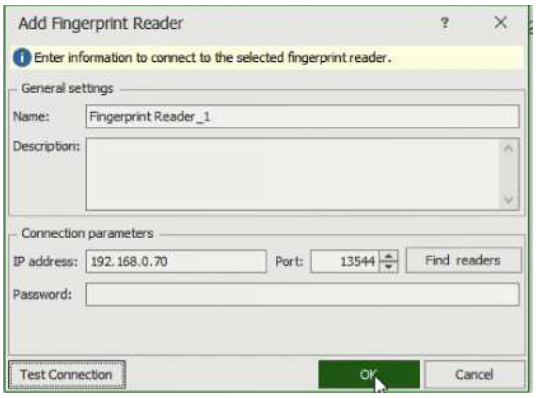
- No final, pergunta-nos se queremos re-inicializar os dispositivos se quisermos detetá-los novamente. Se alterarmos o endereço IP do controlador, teremos de alterar o novo endereço e definir a sua chave de comunicação 1234. Por enquanto, diremos que não.

- Então vamos adicionar os leitores de impressões digitais

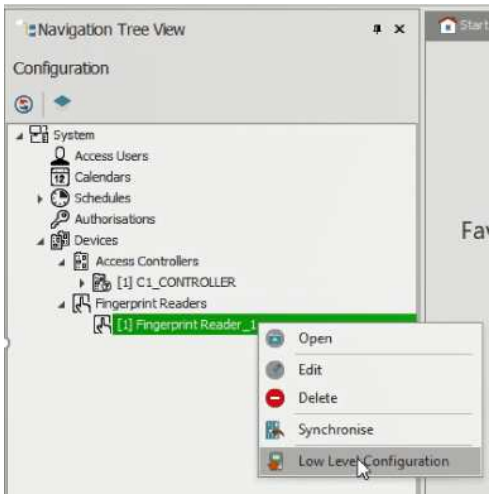


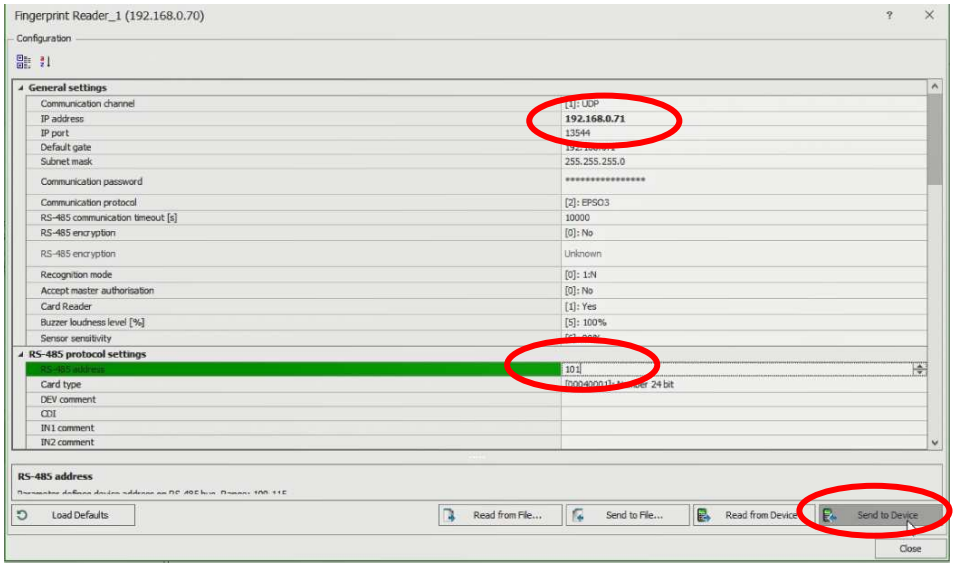
- Introduziremos o endereço predefinido manualmente e verificaremos a ligação correta.

192.168.0.70

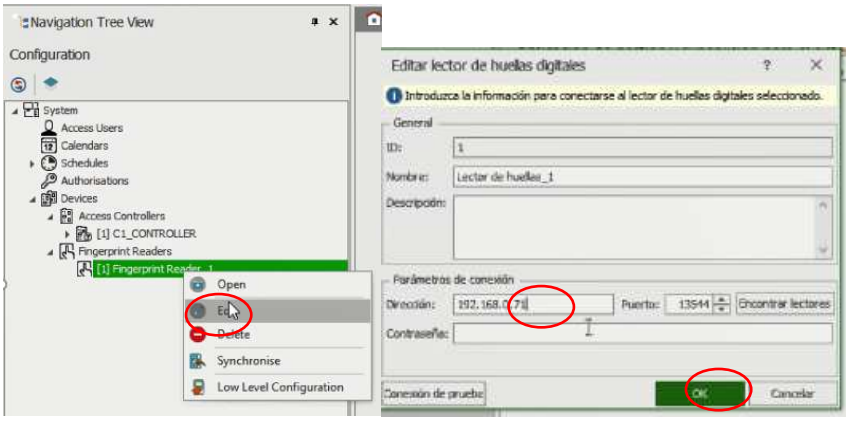


- Uma vez adicionado, vamos configurá-lo a um nível baixo para definir o novo endereço IP e o seu endereço RS-485. Exemplo 192.168.0.71 e endereço 101 e enviaremos para o dispositivo.



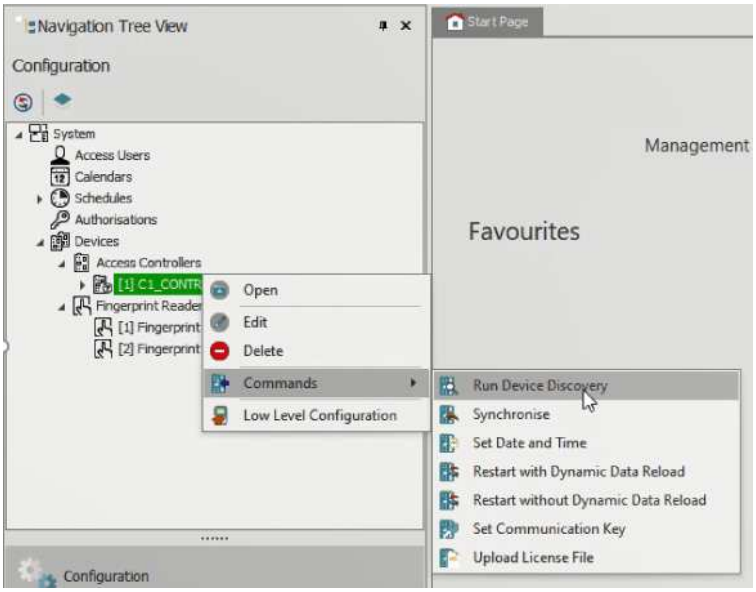


- O encerramento dir-nos-á que os parâmetros foram alterados e que a ligação será encerrada.
  Por isso, reabrimos o leitor de impressões digitais que criámos com o botão direito Editar e voltar a usar o endereço IP para o novo endereço que definimos para ele.



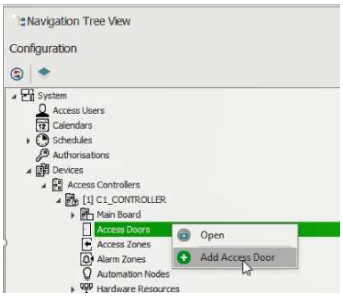
Vamos remarcar os mesmos passos para todos os outros leitores de impressões digitais, se eles existirem.

- Quando a configuração de todos os dispositivos estiver concluída, re-inicializaremos os dispositivos de modo a que sejam novamente detetados com os novos parâmetros e depois sincronizar-se-emos.

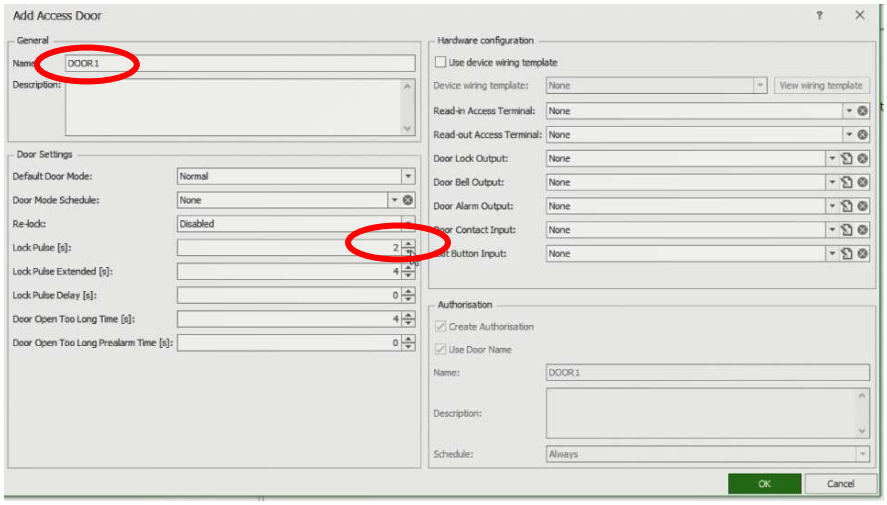


Passo 4: Configurar a instalação. Adicionar portas, utilizadores, etc:

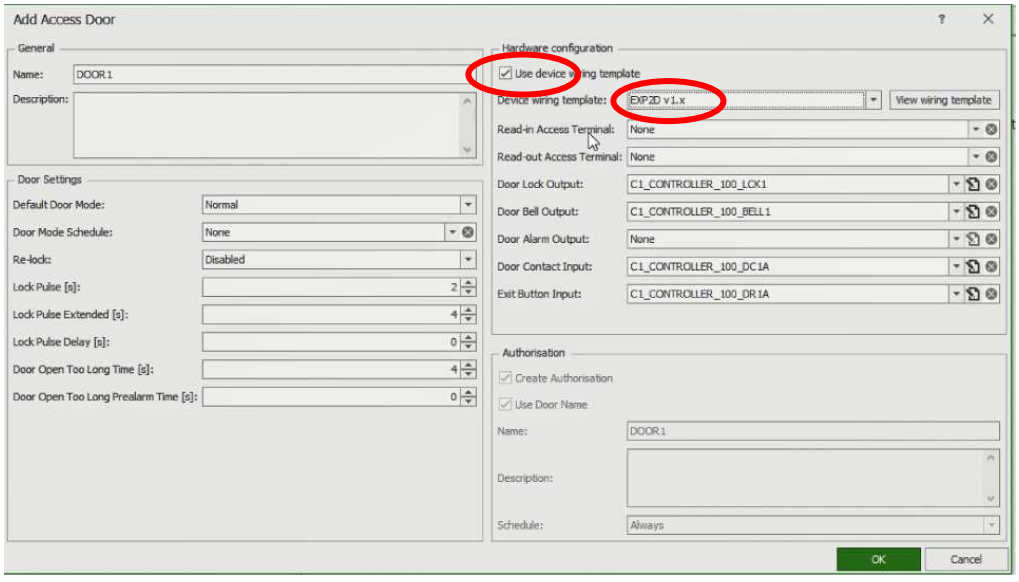
- Adicione a porta 1.



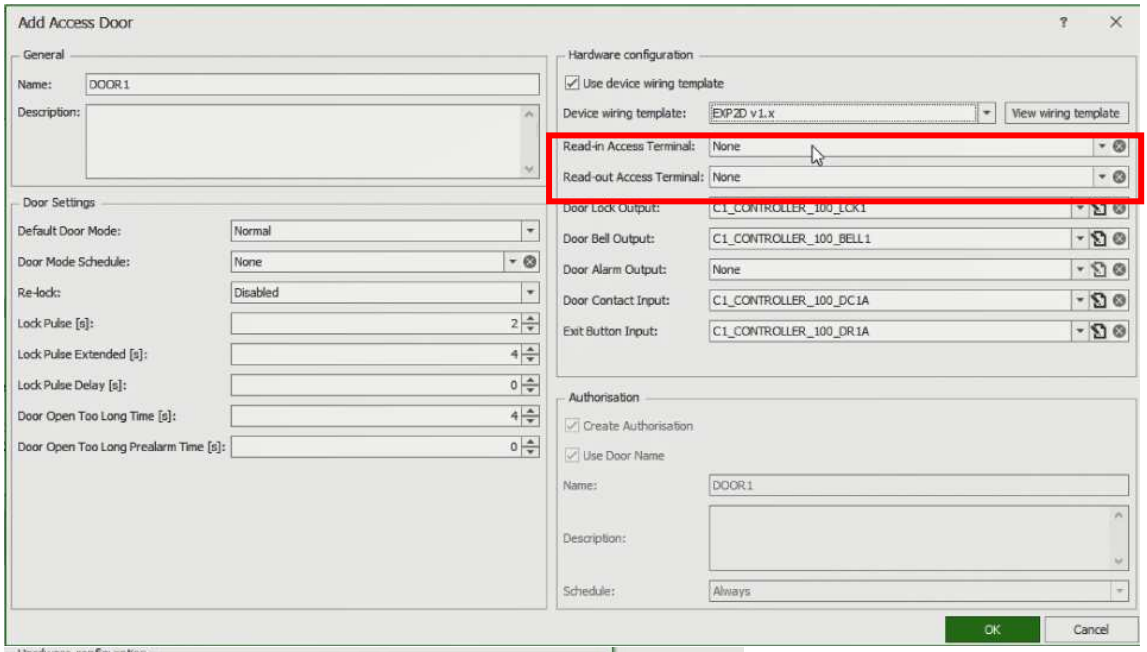
- Vamos atribuir o nome da porta e a hora de abertura.

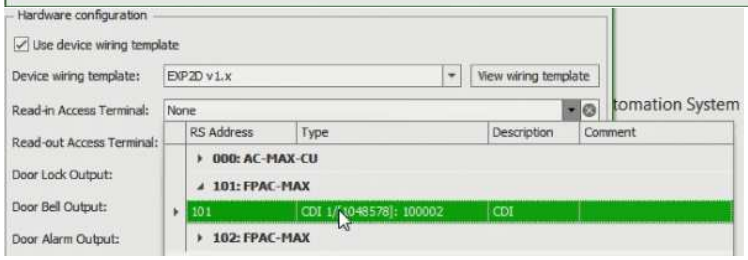


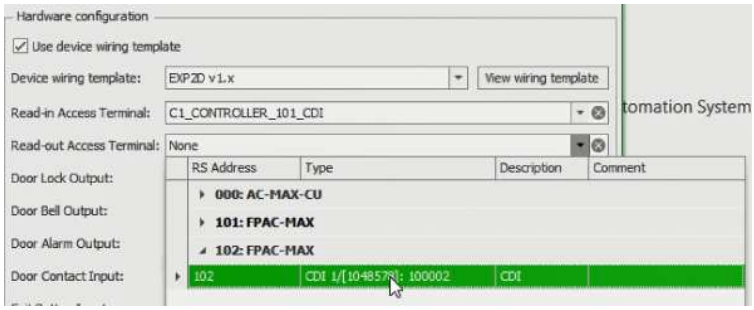
- Em **seguida, vamos selecionar o modelo IMPORTANT** para selecionar o **modelo expansor 2D/4D**



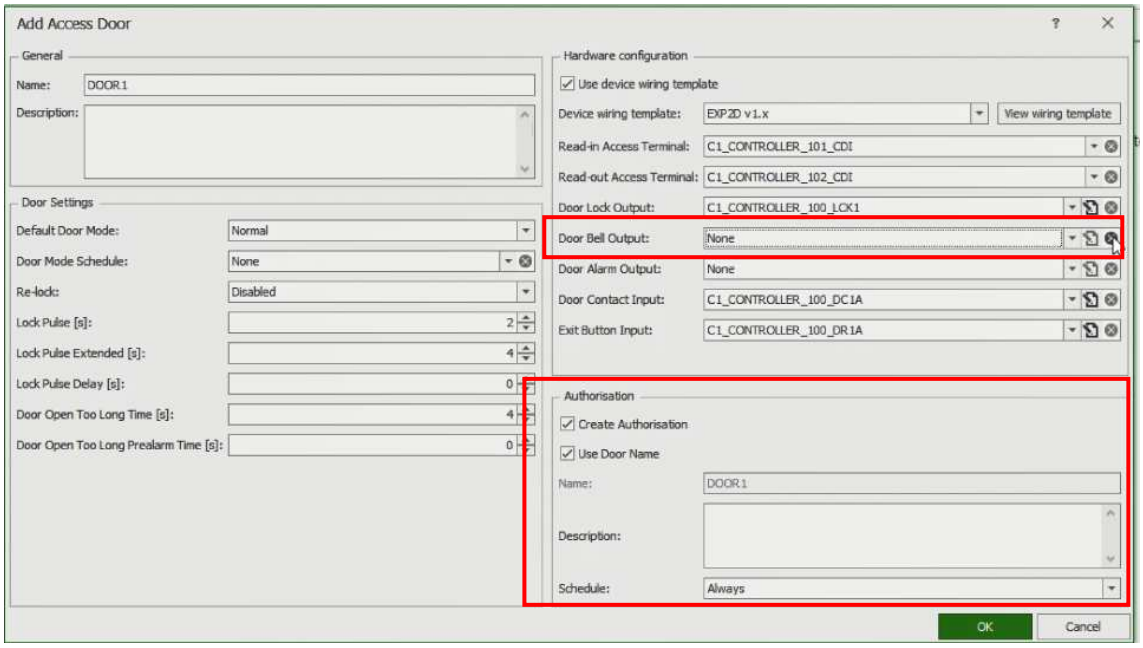
Em seguida, selecionaremos o leitor de entrada (leitor de impressões digitais definido para 101) e o leitor de saída (leitor de impressões digitais definido para 102)



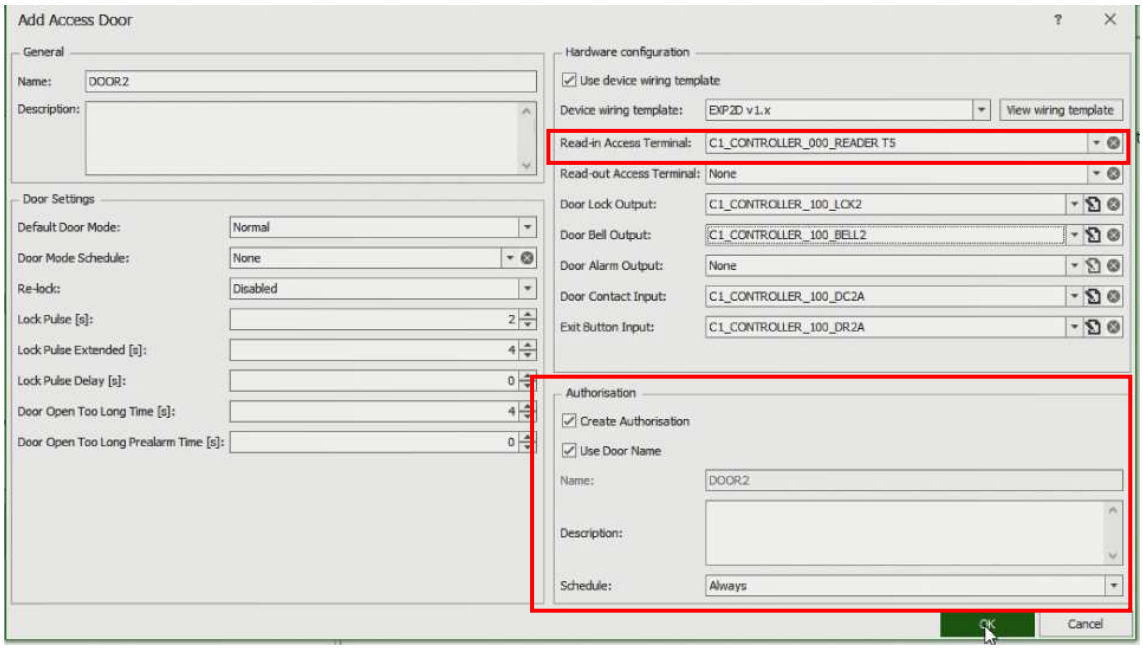




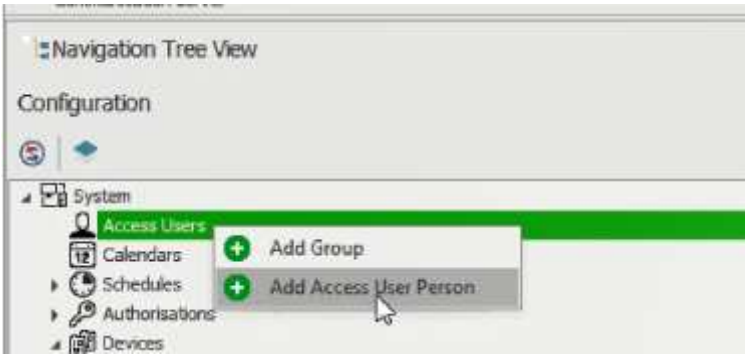
- E vamos selecionar ou substituir dispositivos que não usamos.
  Vemos que neste exemplo com o x cancelamos a campainha BELL 1.
- Também selecionamos Criar uma nova Autorização usando o mesmo nome da porta e em sempre agendar.



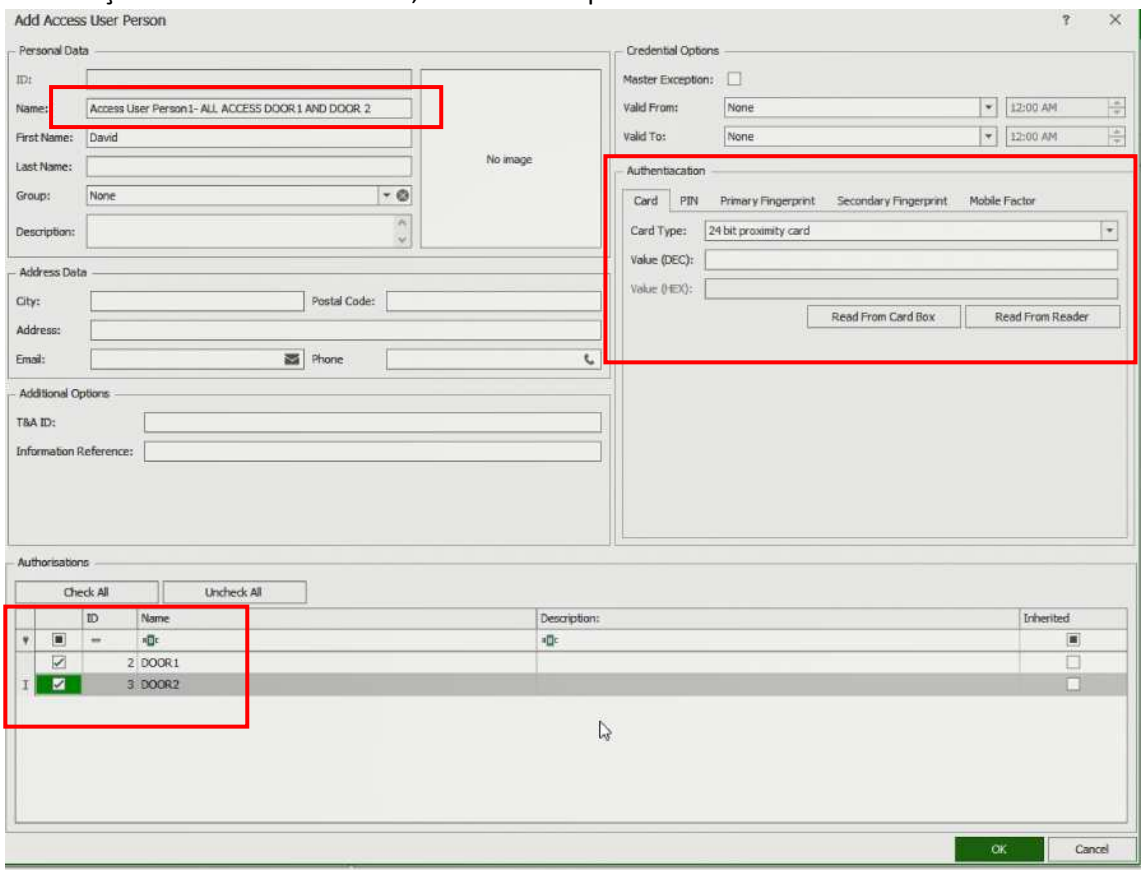
- Faremos o mesmo com o Portão 2 mas desta vez selecionando o leitor de entradas o terminal T5 que corresponde ao leitor wiegand 1. O ligado entre os terminais IN1(D0), IN2(D1).



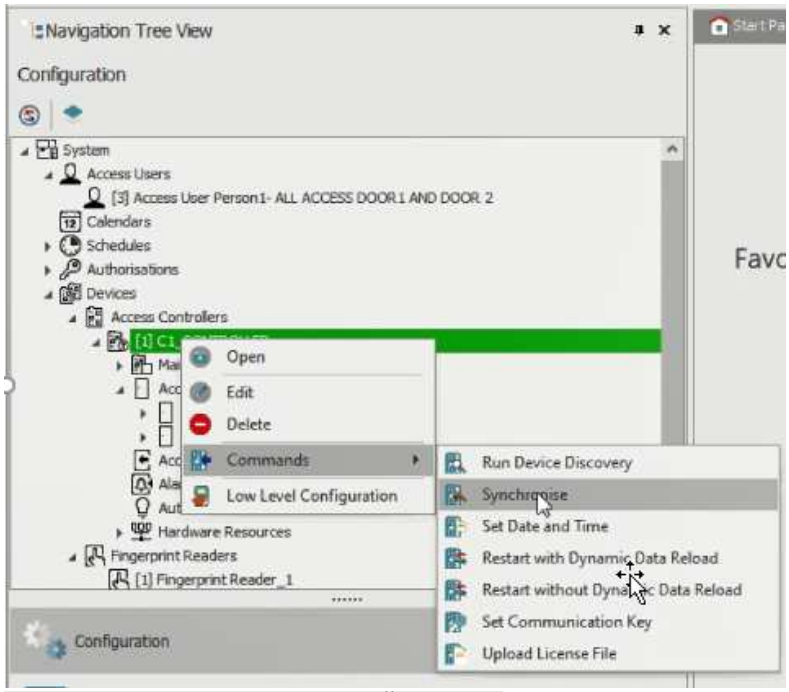
- Em seguida, adicionaremos os utilizadores necessários.

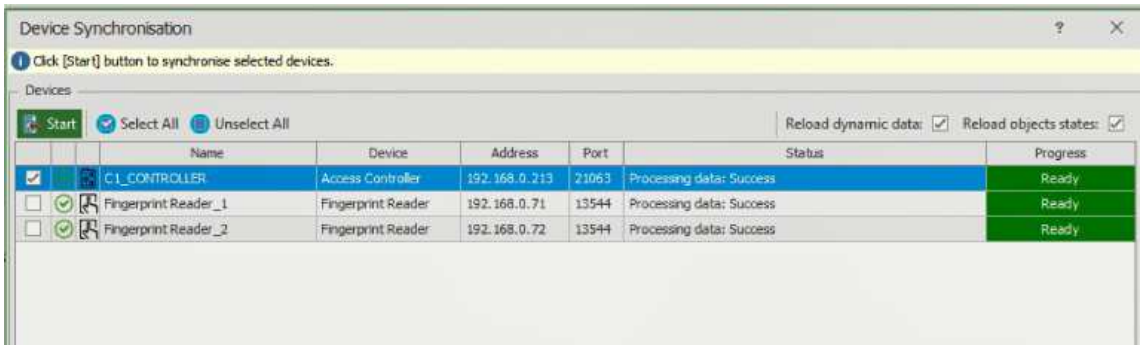


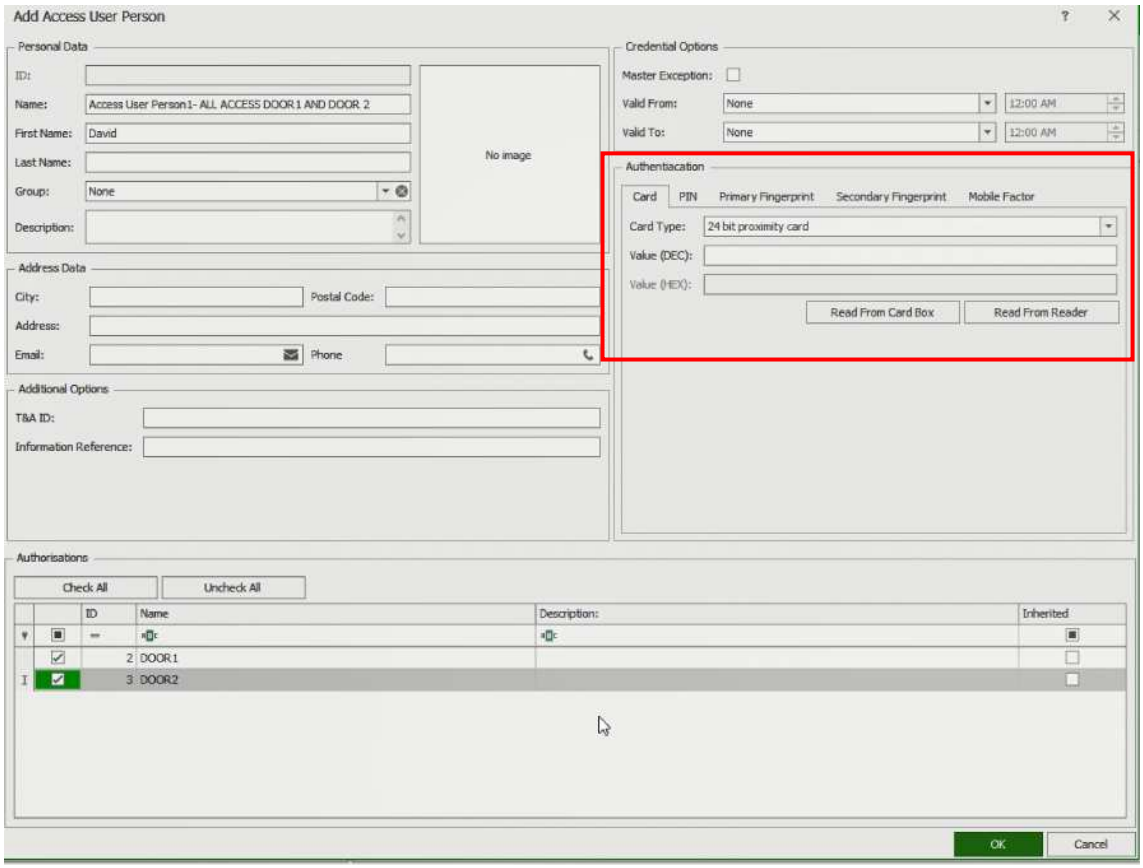
Daremos-lhe o nome e os dados pessoais e selecionamos onde queremos dar-lhe autorização de acesso. Neste caso, em ambas as portas.



- Então adicionaremos os identificadores correspondentes.
  Primeiro Sincronise







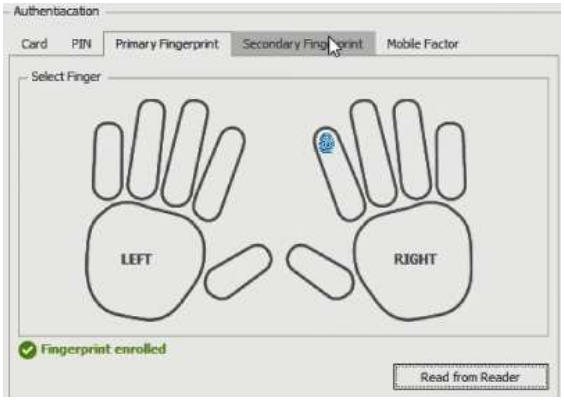
Cartão, PIN, Impressões Digitais e Segunda Iimpressões Digitais. Clique em Ler no Leitor e selecione o leitor correspondente.

CARTÃO

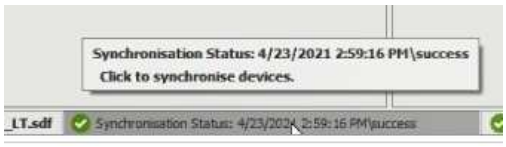
PIN

Em informações de referência indicam o número introduzido para consultas posteriores.

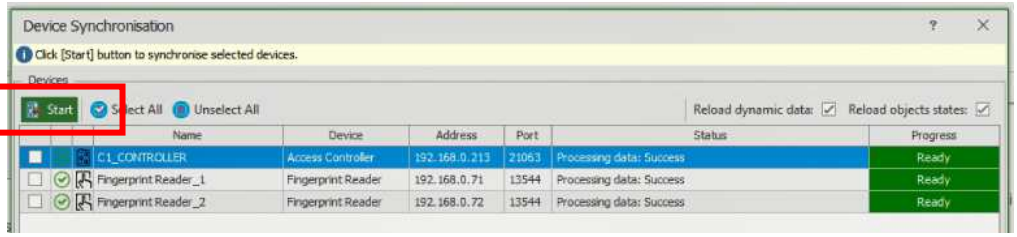
Impressões Digitais



- No final e depois de entrar em todos os utilizadores sincronizam o projeto com o controlador.



- E sincronize todos os dispositivos selecionando Sync na barra inferior.



- Verificaremos o correto funcionamento *e no Event Monitor* podemos visualizar a reação do sistema apresentando os identificadores nos acessos e visualizando os detalhes de cada evento.