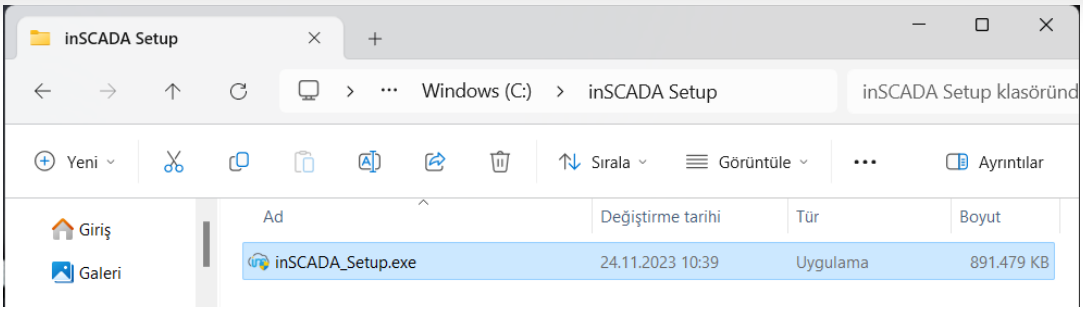
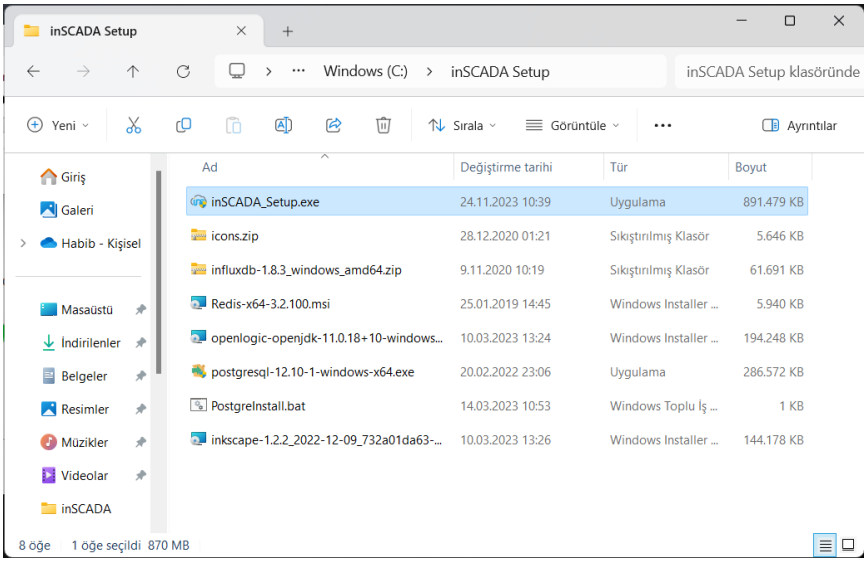
SCADA & IIoT Application Development Platform

inSCADA Installation for Windows

"inSCADA is a cross-platform application. It can run on Windows or Linux operating systems. In this document, the installation steps for Windows operating system are explained."



Copy the setup file into an empty folder. When run, the installation files will be opened in this folder.



Setup is extract to these files.

- icons.zip

This file is svg library. You can open it under any folder and use it in your designs.

- influxdb-1.8.3_windows_amd64.zip

Time series database setup file. This file is installed automatically.

- Redis x64-3.2.100.msi

In-memmory database setup file. This file is installed automatically.

- openlogic-openjdk-11.0.18 ..

JVM Setup file. This file is installed automatically.

- postgesql-12-10-1-windows .....

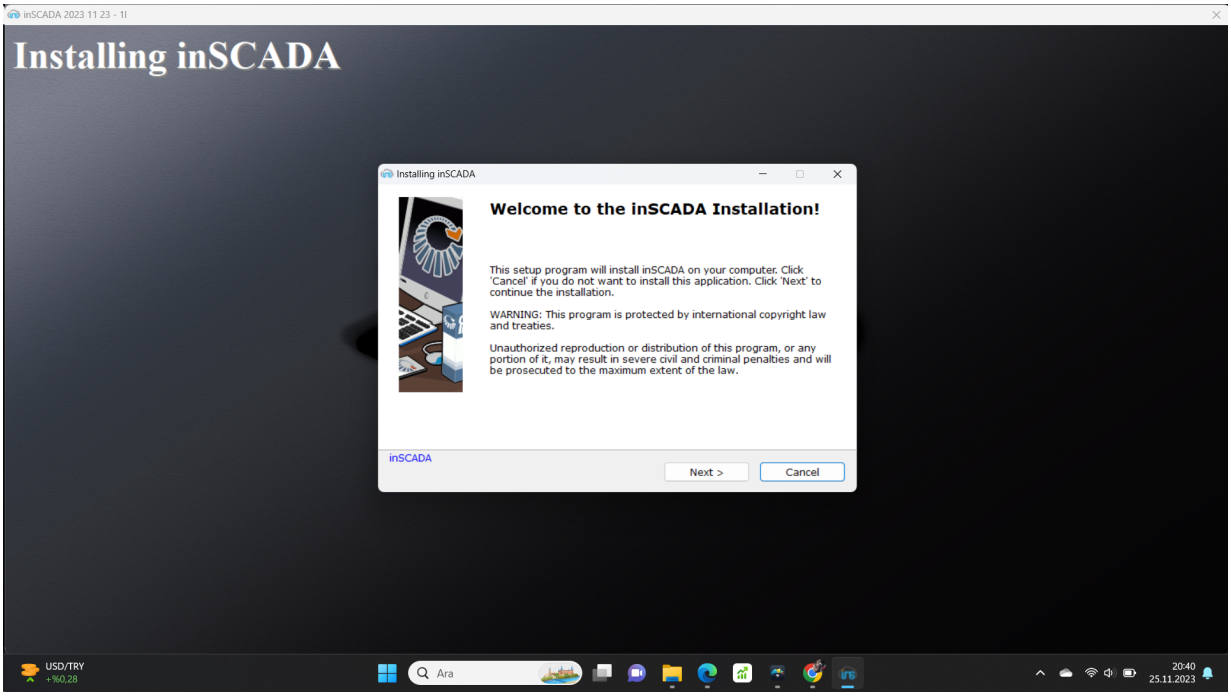
RDB setup file. This file is installed automatically.

- PostgreInstall.bat

Batch file for create database. This file is run automatically by the Install.

- inkscape-1.2.2.....

Designer application.



"To install in default settings, just press the next button."

Default settings

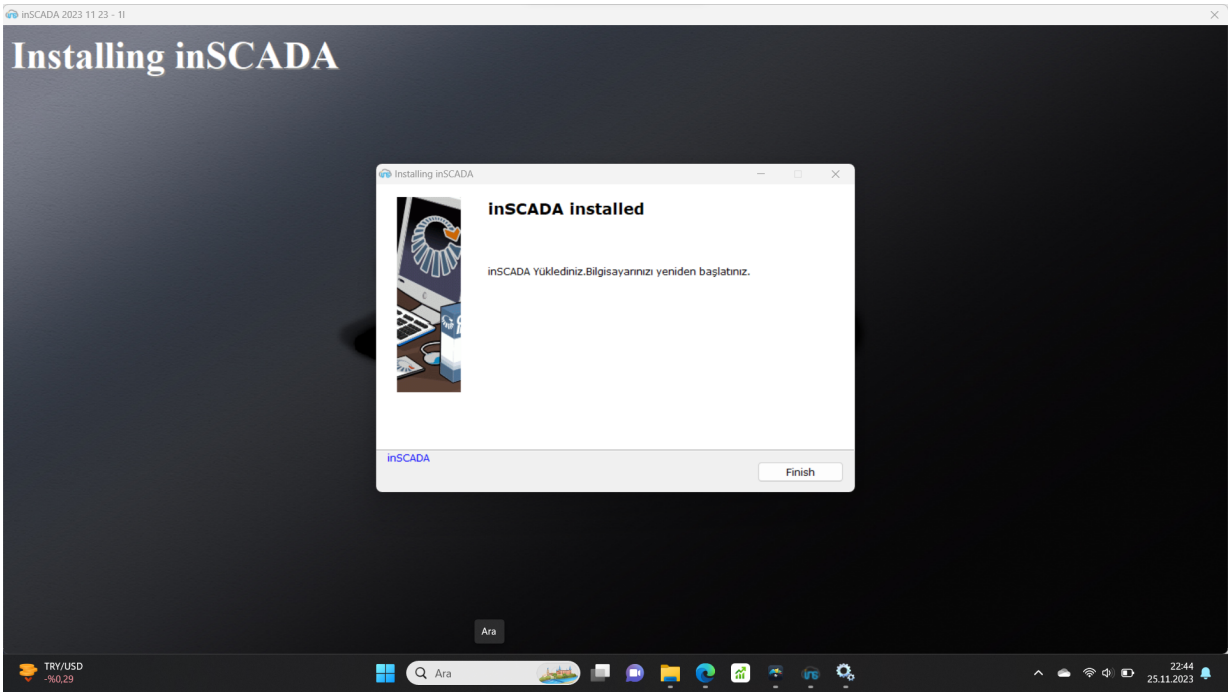
Installation Path : C:\Program Files\inSCADA
Influxdb (Timeseries DB) Installation Path : \ C:\Program Files\inSCADA\influxdb-1.8.3-1

PostgreSQL Port : 5432
PostgreSQL User Name: postgres
PostgreSQL Database Name : promis
PostgreSQL Database Password : 1907

influxdb Port : 8086
influxdb Database Name : inscada
influxdb User Name : none
influxdb password : none

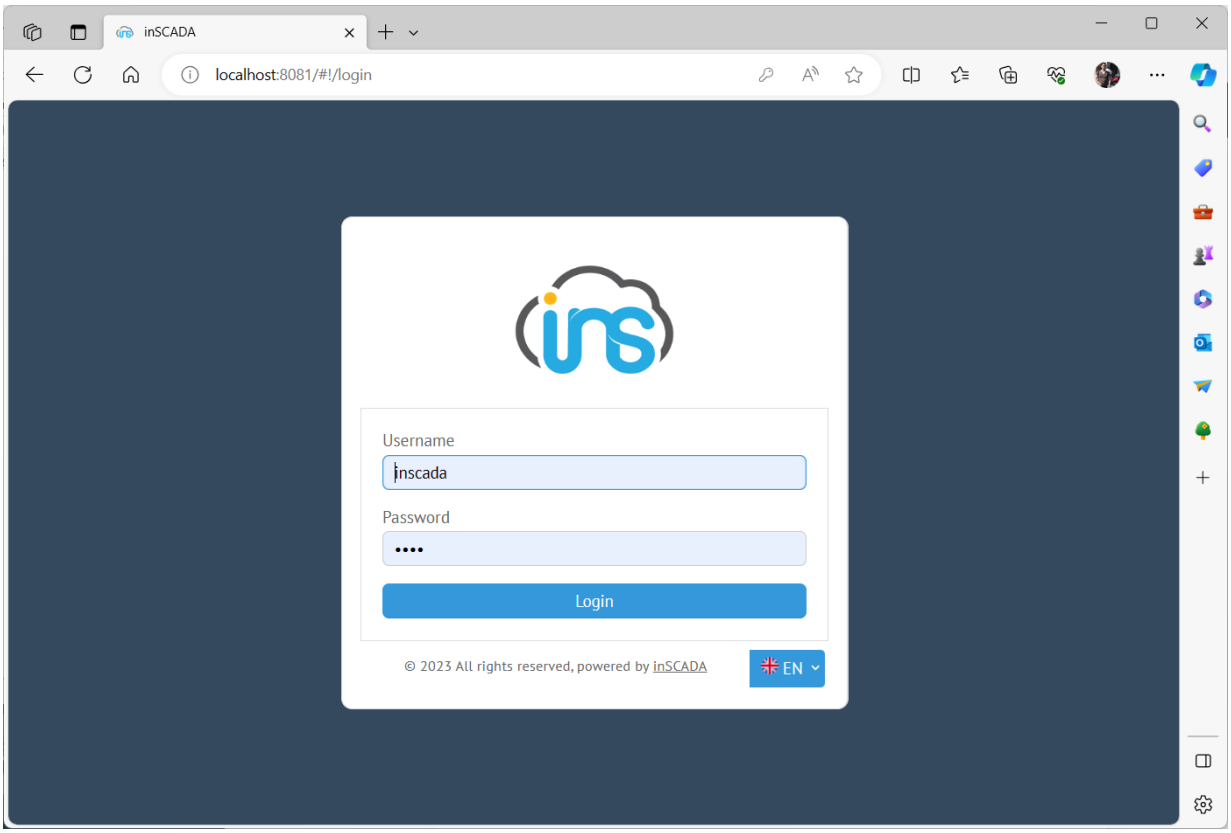
Redis Port : 6379

inscada http port : 8081
inscada https port : 8082
inscada login url : http://localhost:8081
inscada default Admin User : inscada
inscada default Admin Password : 1907

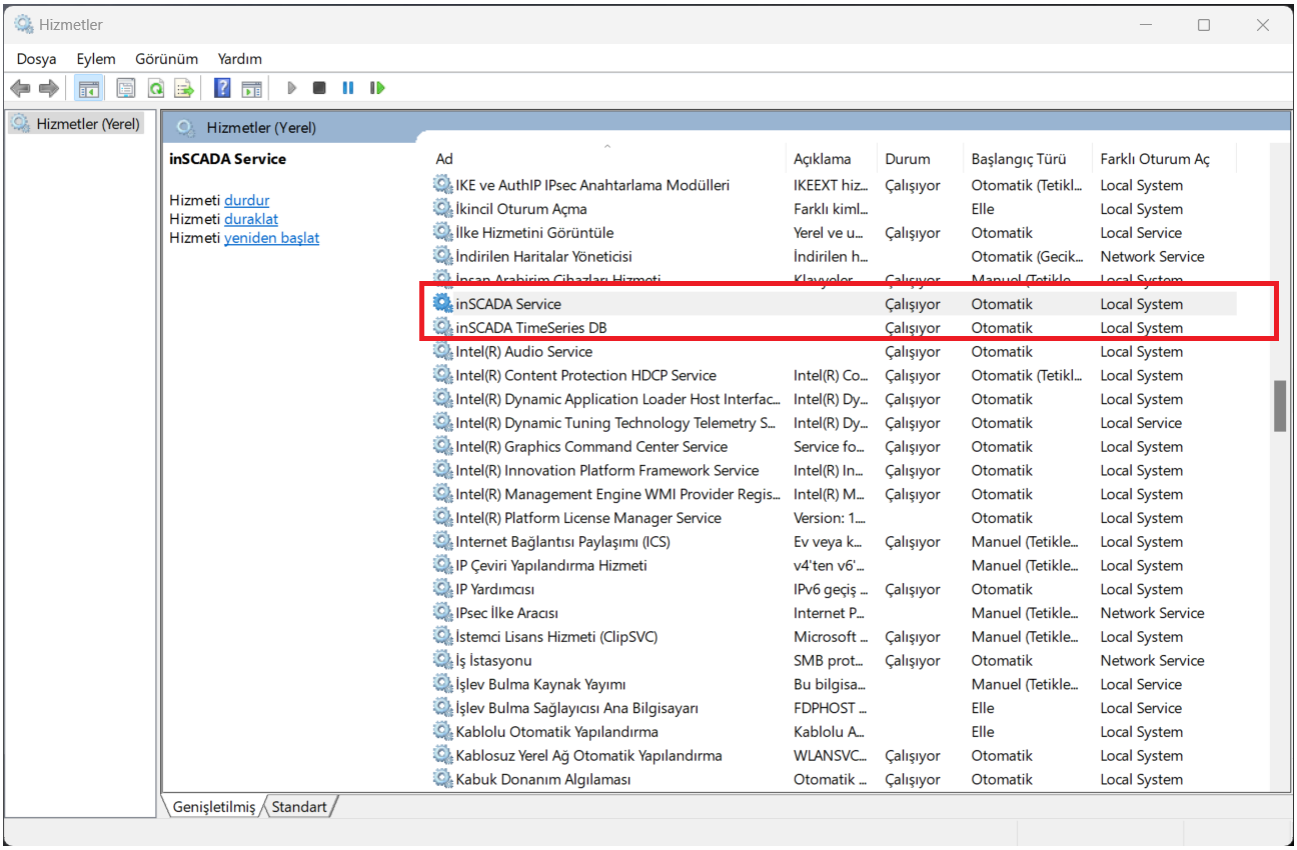


"After the installation is completed, restart your computer."

To check that the installation has been completed successfully after restarting your computer; Enter "http://localhost:8081" in the browser address bar.



If the installation fails, check the services. Reinstall the service that is not working. Use the setup files.


Hizmetler
Dosya Eylem Görünüm Yardım
Hizmetler (Yerel)
Hizmetler (Yerel)
inSCADA Service
Hizmeti durdur
Hizmeti duraklat
Hizmeti yeniden başlat
Ad
Açıklama
Durum
Başlangıç Türü
Farklı Oturum Aç
IKE ve AuthIP IPsec Anahtarlama Modülleri IKEEXT hiz... Çalışıyor Otomatik (Tetikl... Local System
İkincil Oturum Açma Farklı kiml... Elle Local System
İlke Hizmetini Görüntüle Yerel ve u... Çalışıyor Otomatik Local Service
İndirilen Haritalar Yöneticisi İndirilen h... Otomatik (Gecik... Network Service
inSCADA Service Çalışıyor Otomatik Local System
inSCADA TimeSeries DB Çalışıyor Otomatik Local System
Intel(R) Audio Service Çalışıyor Otomatik Local System
Intel(R) Content Protection HDCP Service Intel(R) Co... Çalışıyor Otomatik (Tetikl... Local System
Intel(R) Dynamic Application Loader Host Interfac... Intel(R) Dy... Çalışıyor Otomatik Local System
Intel(R) Dynamic Tuning Technology Telemetry S... Intel(R) Dy... Çalışıyor Otomatik Local Service
Intel(R) Graphics Command Center Service Service fo... Çalışıyor Otomatik Local System
Intel(R) Innovation Platform Framework Service Intel(R) In... Çalışıyor Otomatik Local System
Intel(R) Management Engine WMI Provider Regis... Intel(R) M... Çalışıyor Otomatik Local System
Intel(R) Platform License Manager Service Version: 1... Otomatik Local System
Internet Bağlantısı Paylaşımı (ICS) Ev veya k... Çalışıyor Manuel (Tetikle... Local System
IP Çeviri Yapılandırma Hizmeti v4'ten v6'... Manuel (Tetikle... Local System
IP Yardımcısı IPv6 geçiş ... Çalışıyor Otomatik Local System
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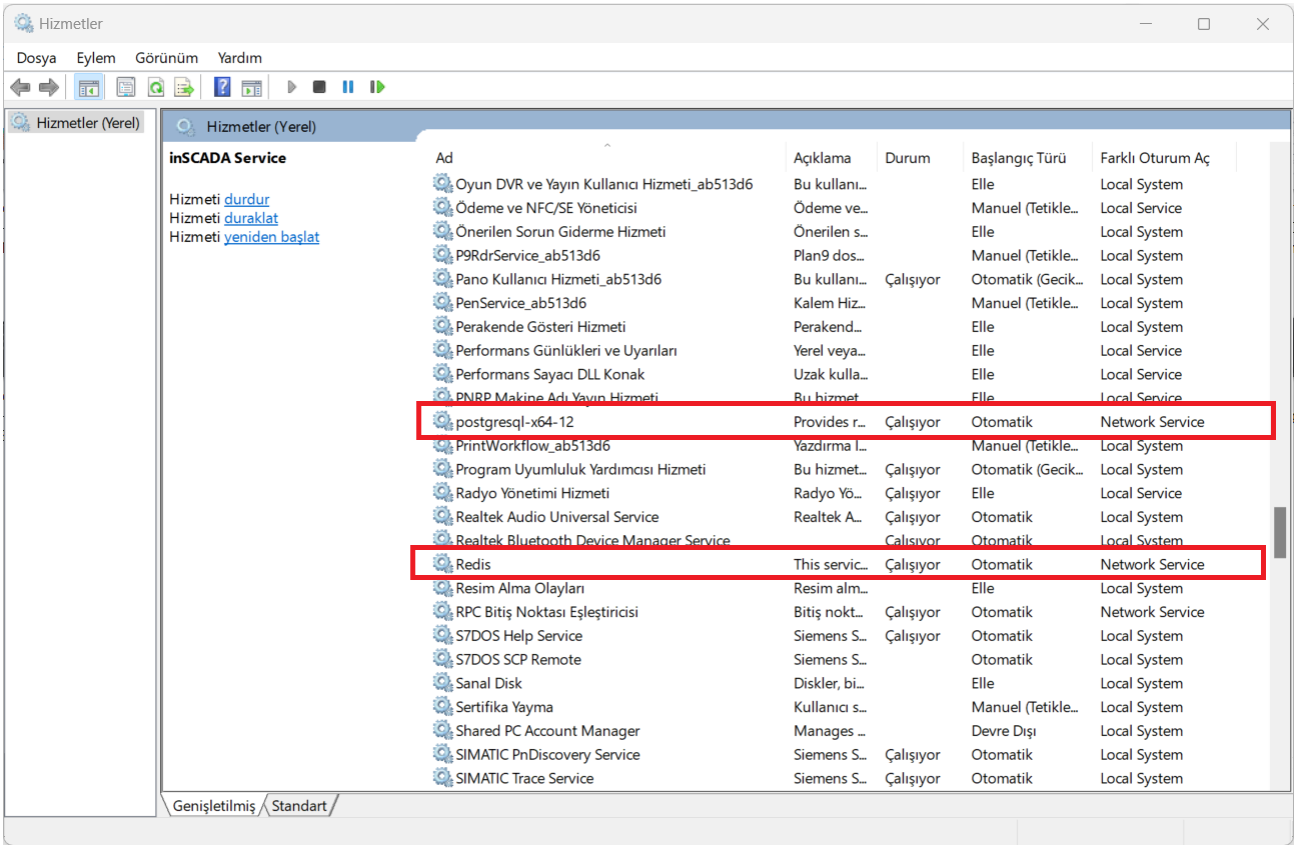
İş İstasyonu SMB prot... Çalışıyor Otomatik Network Service
İşlev Bulma Kaynak Yayımı Bu bilgisa... Manuel (Tetikle... Local Service
İşlev Bulma Sağlayıcısı Ana Bilgisayarı FDPHOST ... Elle Local Service
Kablolu Otomatik Yapılandırma Kablolu A... Elle Local System
Kablosuz Yerel Ağ Otomatik Yapılandırma WLANSVC... Çalışıyor Otomatik Local System
Kabuk Donanım Algılaması Otomatik ... Çalışıyor Otomatik Local System
Genişletilmiş Standart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Farklı Oturum Aç
Oyun DVR ve Yayın Kullanıcı Hizmeti_ab513d6 Bu kullanı... Elle Local System
Ödeme ve NFC/SE Yöneticisi Ödeme ve... Manuel (Tetikle... Local Service
Önerilen Sorun Giderme Hizmeti Önerilen s... Elle Local System
P9RdrService_ab513d6 Plan9 dos... Manuel (Tetikle... Local System
Pano Kullanıcı Hizmeti_ab513d6 Bu kullanı... Çalışıyor Otomatik (Gecik... Local System
PenService_ab513d6 Kalem Hiz... Manuel (Tetikle... Local System
Perakende Gösteri Hizmeti Perakend... Elle Local System
Performans Günlükleri ve Uyarıları Yerel veya... Elle Local Service
Performans Sayacı DLL Konak Uzak kulla... Elle Local Service
postgresql-x64-12 Provides r... Çalışıyor Otomatik Network Service
PrintWorkflow_ab513d6 Yazdırma İ... Manuel (Tetikle... Local System
Program Uyumluluk Yardımcısı Hizmeti Bu hizmet... Çalışıyor Otomatik (Gecik... Local System
Radyo Yönetimi Hizmeti Radyo Yö... Çalışıyor Elle Local Service
Realtek Audio Universal Service Realtek A... Çalışıyor Otomatik Local System
Redis This servic... Çalışıyor Otomatik Network Service
Resim Alma Olayları Resim alm... Elle Local System
RPC Bitiş Noktası Eşleştiricisi Bitiş nokt... Çalışıyor Otomatik Network Service
S7DOS Help Service Siemens S... Çalışıyor Otomatik Local System
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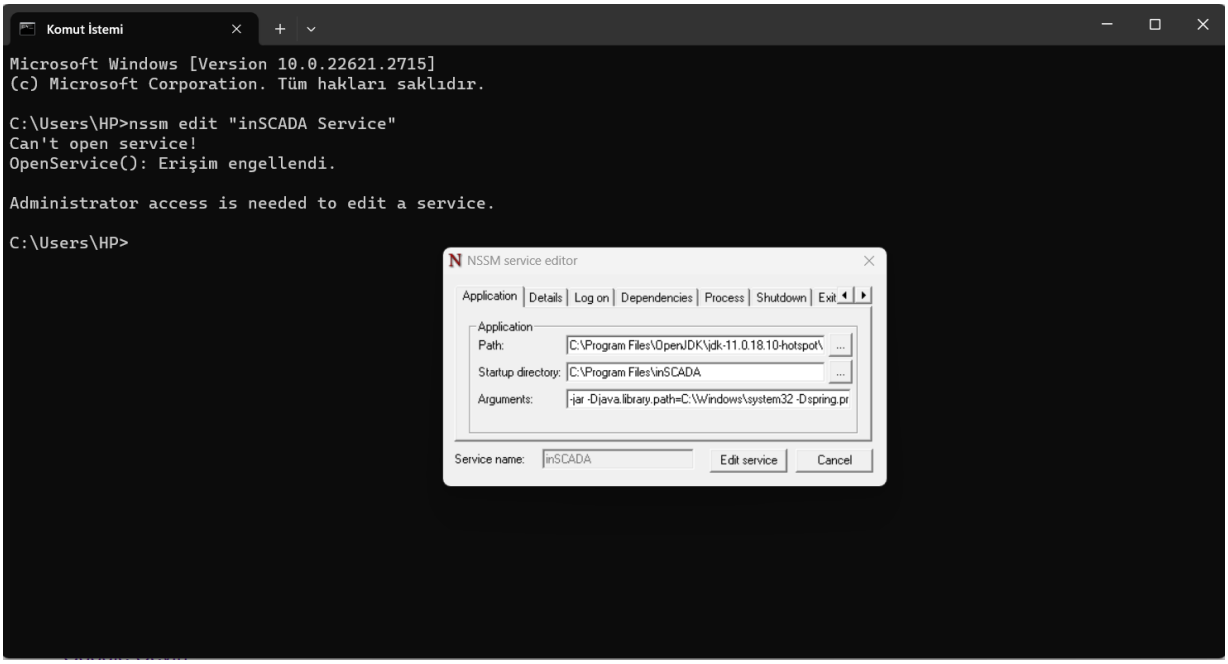
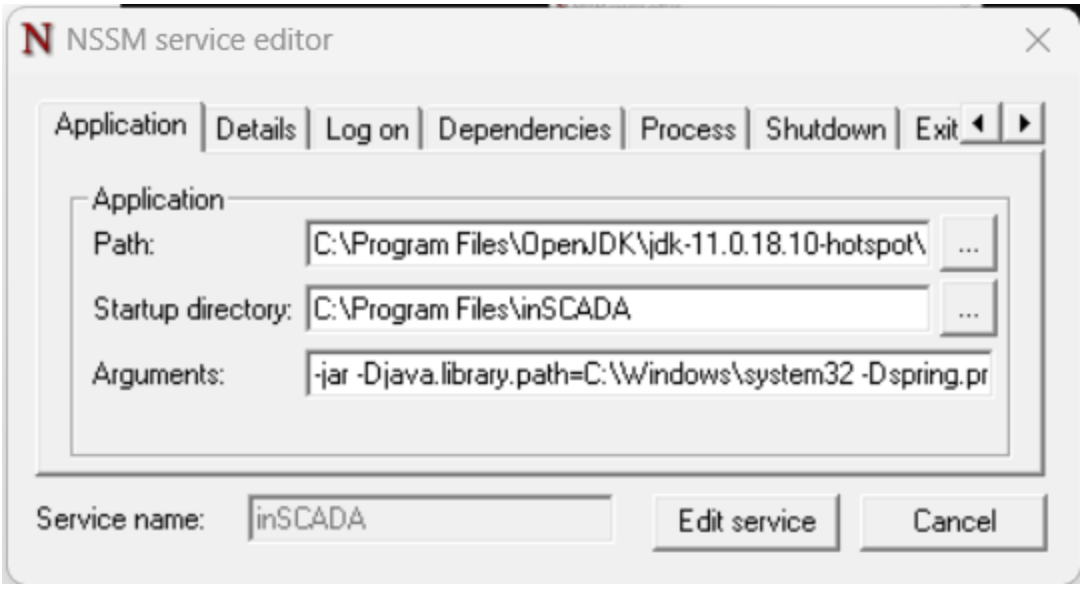
Sanal Disk Diskler, bi... Elle Local System
Sertifika Yayma Kullanıcı s... Manuel (Tetikle... Local System
Shared PC Account Manager Manages ... Devre Dışı Local System
SIMATIC PnDiscovery Service Siemens S... Çalışıyor Otomatik Local System
SIMATIC Trace Service Siemens S... Çalışıyor Otomatik Local System
Genişletilmiş Standart

If you have installed other than default settings, you may need to change the inSCADA startup parameters.

To change inSCADA Startup parameters, use the following command on the command line.

nssm edit "inSCADA Service"





Default Arguments of service :

-jar
-Djava.library.path=C:\Windows\system32
-Dspring.profiles.active=production
-Djava.io.tmpdir=%tmp% -Dins.files.path="C:\Program Files\inSCADA\files"
"C:\Program Files\inSCADA\inscada.jar"

Scheme of Startup parameters

```
spring:
  datasource:
   driver-class-name: org.postgresql.Driver
   jdbc-url: jdbc:postgresql://localhost:5432/promis
   username: postgres
   password: 1907
   hikari:
    maximum-pool-size: 25
  redis:
   host: localhost
   port: 6379

  influxdb:
   database: inscada
   url: http://localhost:8086
 servlet:
  multipart:
   max-file-size: 50MB
   max-request-size: 50MB
 data:
  web:
   pageable:
    max-page-size: 10000

 server:
    port: 8082
     http:
         port: 8081

ins:
 files:
  path: ./fs
 notification:
  period: 500
```

For example : We want to change the Postgresql port to 5433
To do this, we need to change the jdbc-url parameter.
Default parameters : jdbc-url: jdbc:postgresql://localhost:5432/promis
new parameter : -Dspring.datasource.jdbc-url = jdbc:postgresql://localhost:5433/promis
We need to add the new parameter to the service argument.

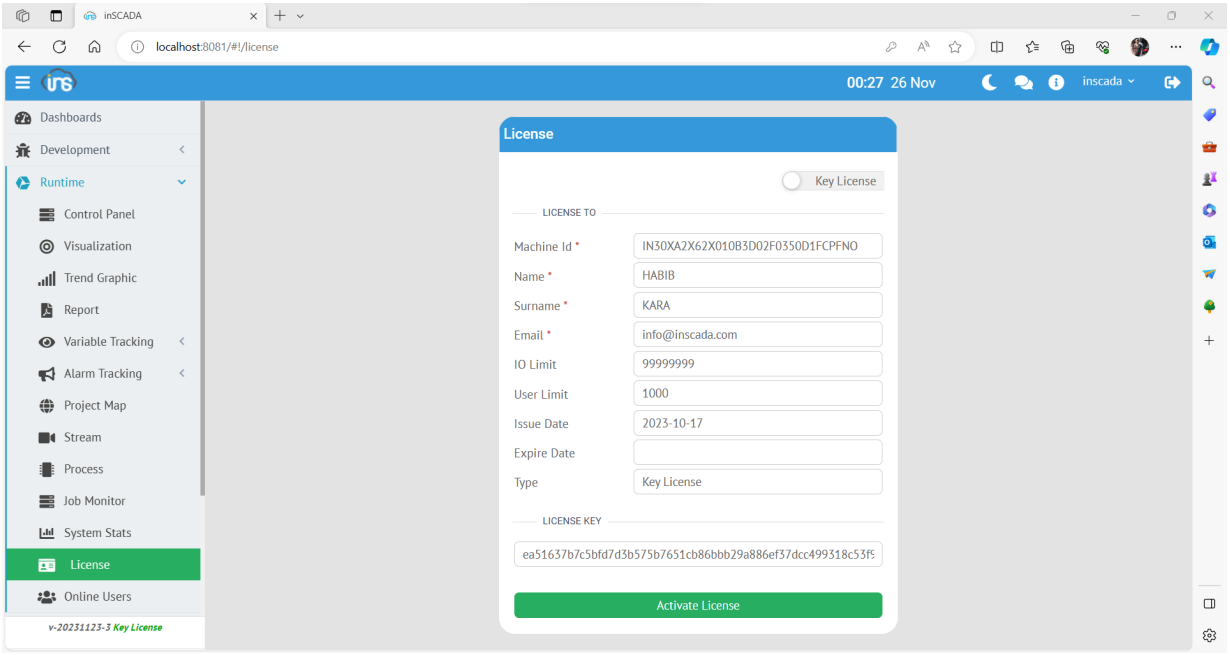
-jar -Dspring.datasource.jdbc-url = jdbc:postgresql://localhost:5433/promis
-Djava.library.path= C:\Windows\system32 -Dspring.profiles.active=production
-Duser.timezone=Europe/Istanbul -Djava.io.tmpdir=%tmp%
-Dins.files.path="C:\Program Files\inSCADA\files"
"C:\Program Files\inSCADA\inscada.jar"

For example : We want to change the Time Zone !
To do this, we need to change the user.timezone parameter.
Default parameters : user.timezone=Europe/Istanbul
new parameter : -Duser.timezone=America/Los_Angeles
We need to add the new parameter to the service argument

-jar -Dspring.datasource.jdbc-url = jdbc:postgresql://localhost:5433/promis
-Djava.library.path= C:\Windows\system32 -Dspring.profiles.active=production
-Duser.timezone=America/Los_Angeles -Djava.io.tmpdir=%tmp%
-Dins.files.path="C:\Program Files\inSCADA\files"
"C:\Program Files\inSCADA\inscada.jar"

Licensing

After logging into the inSCADA Platform via a browser, click on the "Runtime - License" menu. Send the machine ID to info@inscada.com from the interface that opens. Your license information will be sent to you as soon as possible.



Note :

inSCADA will be installed as demo by default. In demo mode, the application will restart every 15 minutes. Therefore, you must log in to the system every time.

Default login user name: inscada password: 1907

For further assistance, you can send an e-mail to info@inscada.com.
You can also review these links.

https://inscada.gitbook.io/ins/v/en-1/
https://en.inscada.com/
https://www.youtube.com/channel/UC5j6KrRHyLJWB3XCy8njDCQ