# Data-Transfer

## 1 . Preparation

* Install IVMS server to the file path,  for example ( C:\Program Files (x86)\IVMS Server\ )
* Copy the file ”ini“ to  C:\Program Files (x86)\IVMS Server
* Create a path C:\Program Files (x86)\IVMS Server\IVMSPublisher\, (notes: it is not path of bin)
* Copy the push program to the newly created directory C:\Program Files (x86)\IVMS Server\IVMSPublisher

Configure the correct web server ip, port, url, username, password, etc. in IVMSDataPublisher.ini

## 2 . Configure the file “ini”

(1) Open the file “libgpstran\_kt\_publisher.ini” , modify “video\_url”, point out the right IP and port.

[Settings]

video\_url=http://192.168.168.40:8089/video/RealVideo.html

(2) Open the file “IVMSDataPublisher.ini” , modify all url, point out the right IP and port

[Settings]

Token=0497552d-149b-4b7d-acb8-85e61fdeddcd

WebServerIP=kurumsal.sakarya.bel.tr

WebServerPort=83

PostStatusURL=/api/Ulasim/AracKonumlariGonder

PostAlarmURL=/api/Ulasim/AracAcilDurumGonder

(3) User name, password. etc

## 3 . Install “IVMSDataPublisher.exe” as a service

In the installation directory, as an administrator input “ cmd “

Install the services command:  IVMSDataPublisher.exe  /install

After the command installation, you can find related services in the service management of the system, click start.



If the service has to delete, the command is: IVMSDataPublisher.exe  /uninstall

## 4 . Other

The data of IVMS will be sent to IVMSDataPublisher via redis.

**The channel as below :**

Device Alarm:  GW\_TK\_ALARM

Device status :  GW\_TK\_STATUS

The current API:

Status API       http://IP:Port/api/Ulasim/AracKonumlariGonder

Alarm API       http://IP:Port/api/Ulasim/AracAcilDurumGonder

## 5. Simulating the client's server description

(1) configure the java environment to install jdk-8u131-windows-i586\_8.0.1310.11

(2) configure the jdk environment



(3) find the turkeyAPI-0.0.1-SNAPSHOT server directory cmd

Java -jar turkeyAPI-0.0.1-SNAPSHOT.jar



The analog device is reported to the IVMS server.



Result：

