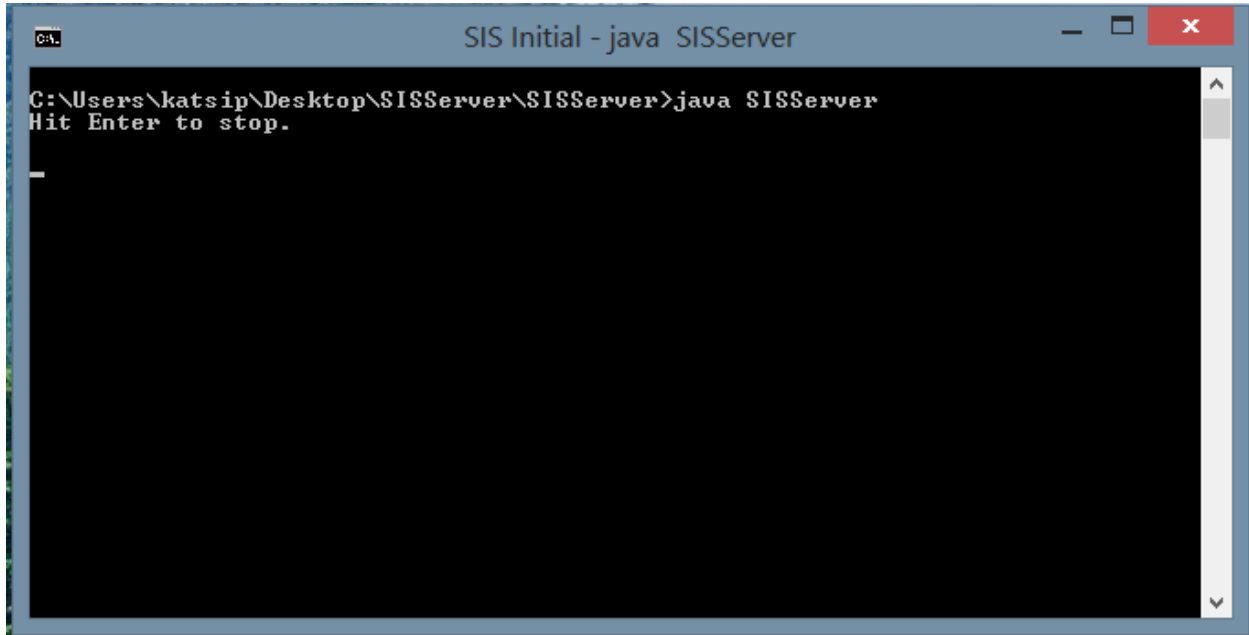


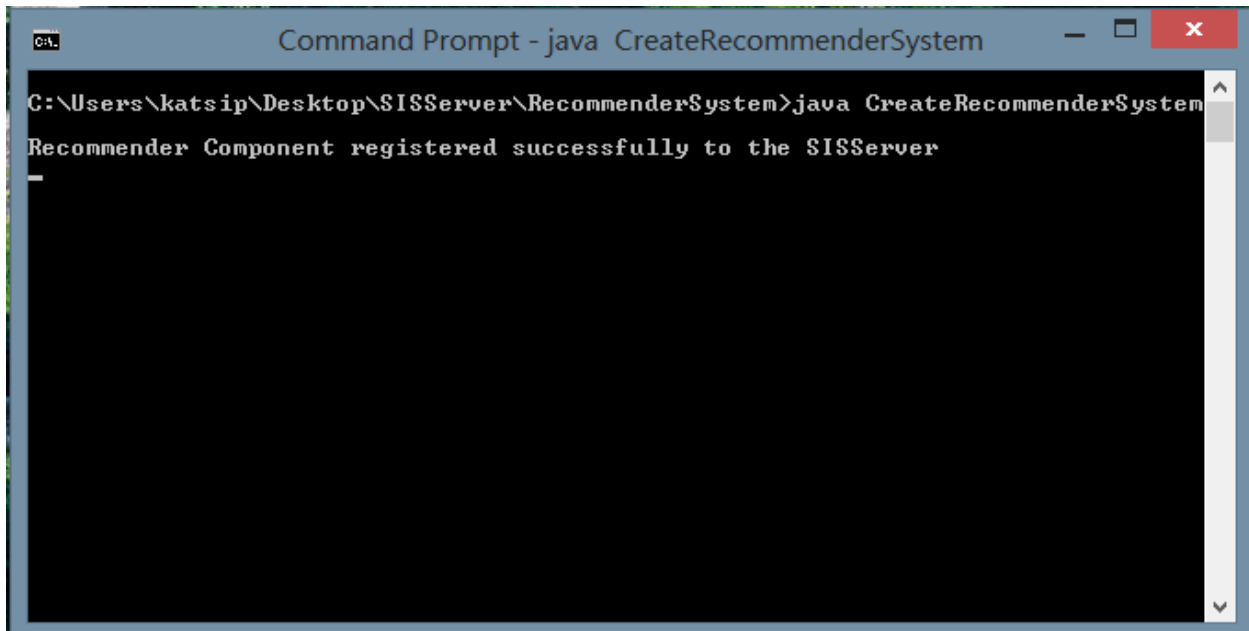
CS2310 – Milestone 2 Report
Nikolaos Romanos Katsipoulakis
Fall 2014

Step 1 – Start SIS Server on my PC



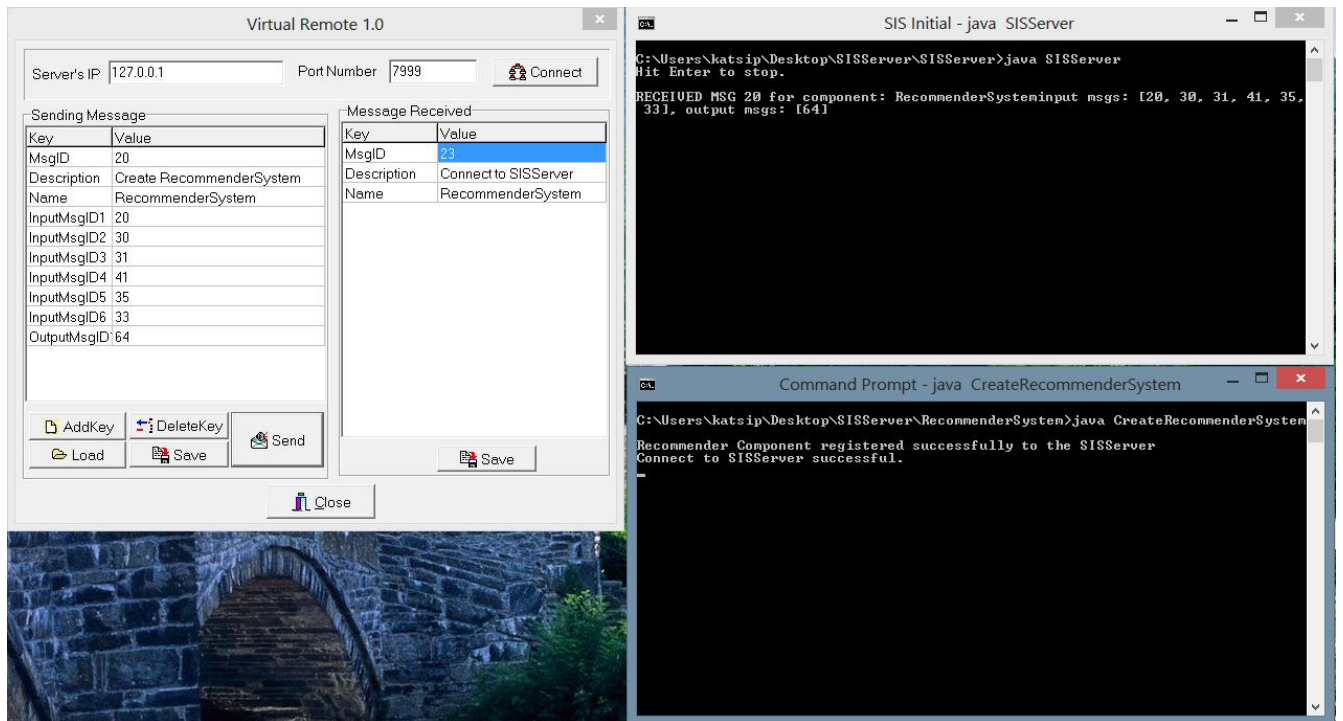
```
CH. SIS Initial - java SISServer
C:\Users\katsip\Desktop\SISServer\SISServer>java SISServer
Hit Enter to stop.
```

Step 2 – Start Recommender System Component

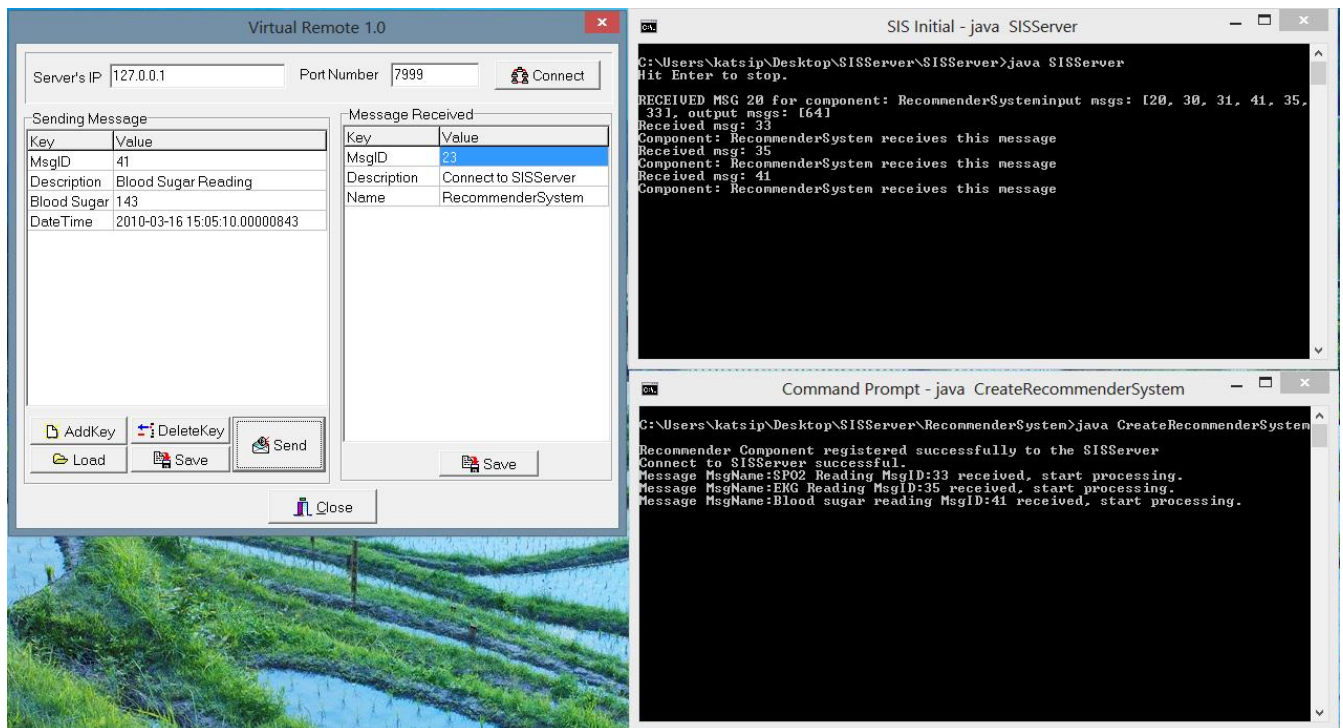


```
CH. Command Prompt - java CreateRecommenderSystem
C:\Users\katsip\Desktop\SISServer\RecommenderSystem>java CreateRecommenderSystem
Recommender Component registered successfully to the SISServer
```

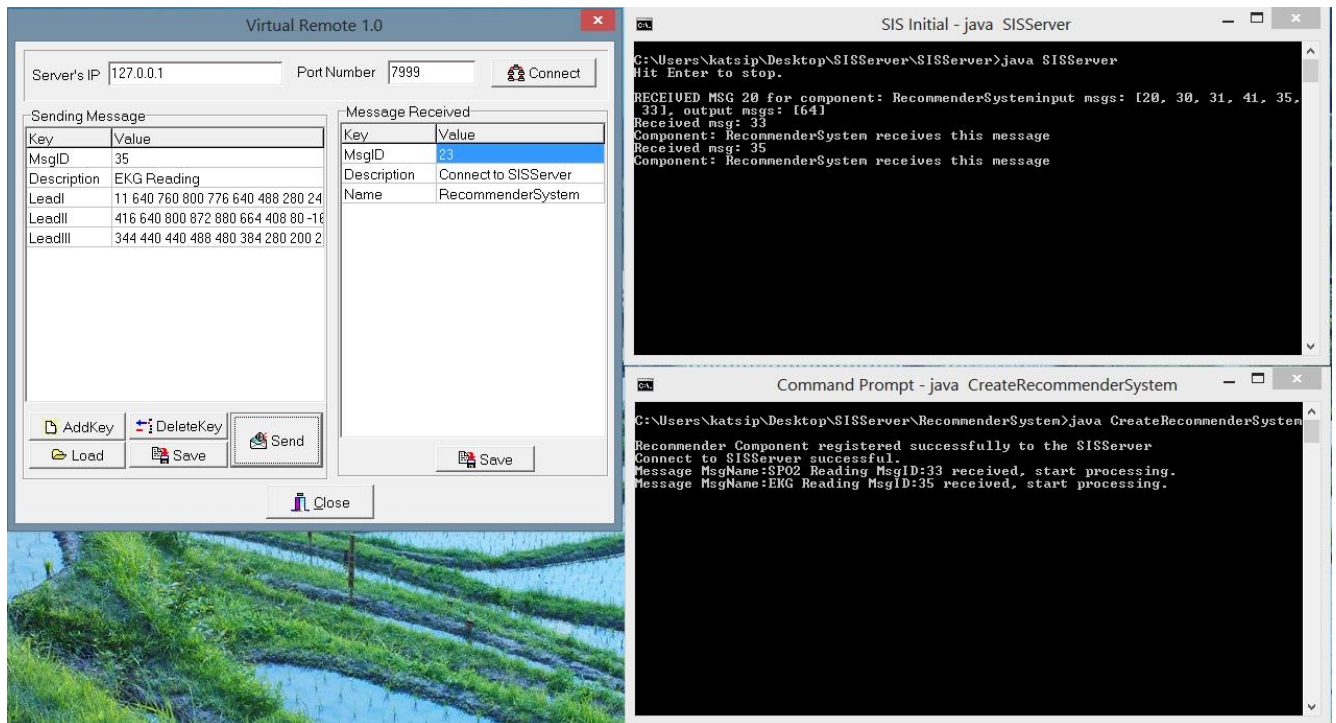
Step 3 – Run prjRemote.exe and Send a “CreateRecommenderSystem.xml” message



Step 4 – Send “Blood Sugar reading” message to the Recommender System



Step 5 – Send “EKG Reading” message to the Recommender System



The screenshot shows the Virtual Remote 1.0 interface and two command prompt windows. The Virtual Remote 1.0 window displays the 'Sending Message' section with the following data:

Key	Value
MsgID	35
Description	EKG Reading
LeadI	11 640 760 800 776 640 488 280 24
LeadII	416 640 800 872 880 664 408 80 -16
LeadIII	344 440 440 488 480 384 280 200 2

The 'Message Received' section shows:

Key	Value
MsgID	23
Description	Connect to SISServer
Name	RecommenderSystem

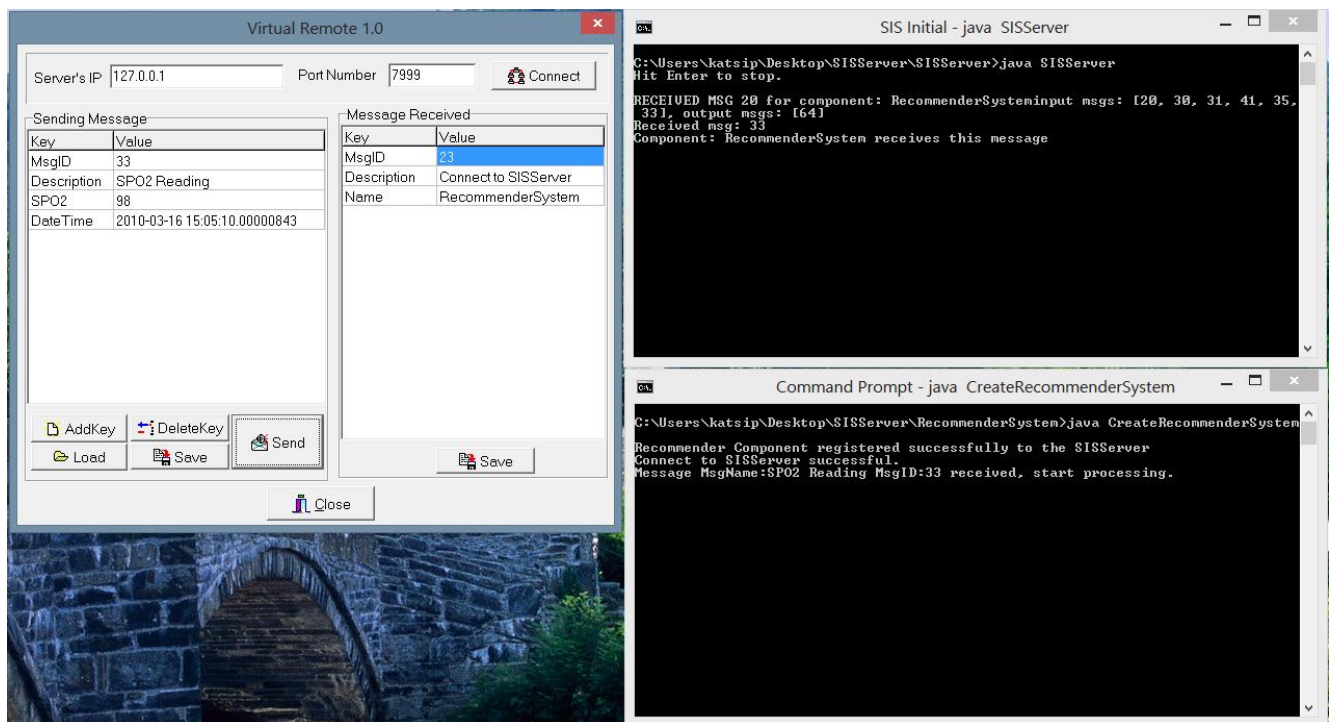
The 'SIS Initial - java SISServer' command prompt shows the following output:

```
C:\Users\katsip\Desktop\SISServer\SISServer>java SISServer
Hit Enter to stop.
RECEIVED MSG 20 for component: RecommenderSysteminput msgs: [20, 30, 31, 41, 35, 33], output msgs: [64]
Received msg: 33
Component: RecommenderSystem receives this message
Received msg: 35
Component: RecommenderSystem receives this message
```

The 'Command Prompt - java CreateRecommenderSystem' window shows the following output:

```
C:\Users\katsip\Desktop\SISServer\RecommenderSystem>java CreateRecommenderSystem
Recommender Component registered successfully to the SISServer
Connect to SISServer successful.
Message MsgName:SP02 Reading MsgID:33 received, start processing.
Message MsgName:EKG Reading MsgID:35 received, start processing.
```

Step 6 – Send “SPO2 Reading” message to Recommender System



The screenshot shows the Virtual Remote 1.0 interface and two command prompt windows. The Virtual Remote 1.0 window displays the 'Sending Message' section with the following data:

Key	Value
MsgID	33
Description	SPO2 Reading
SPO2	98
DateTime	2010-03-16 15:05:10.00000843

The 'Message Received' section shows:

Key	Value
MsgID	23
Description	Connect to SISServer
Name	RecommenderSystem

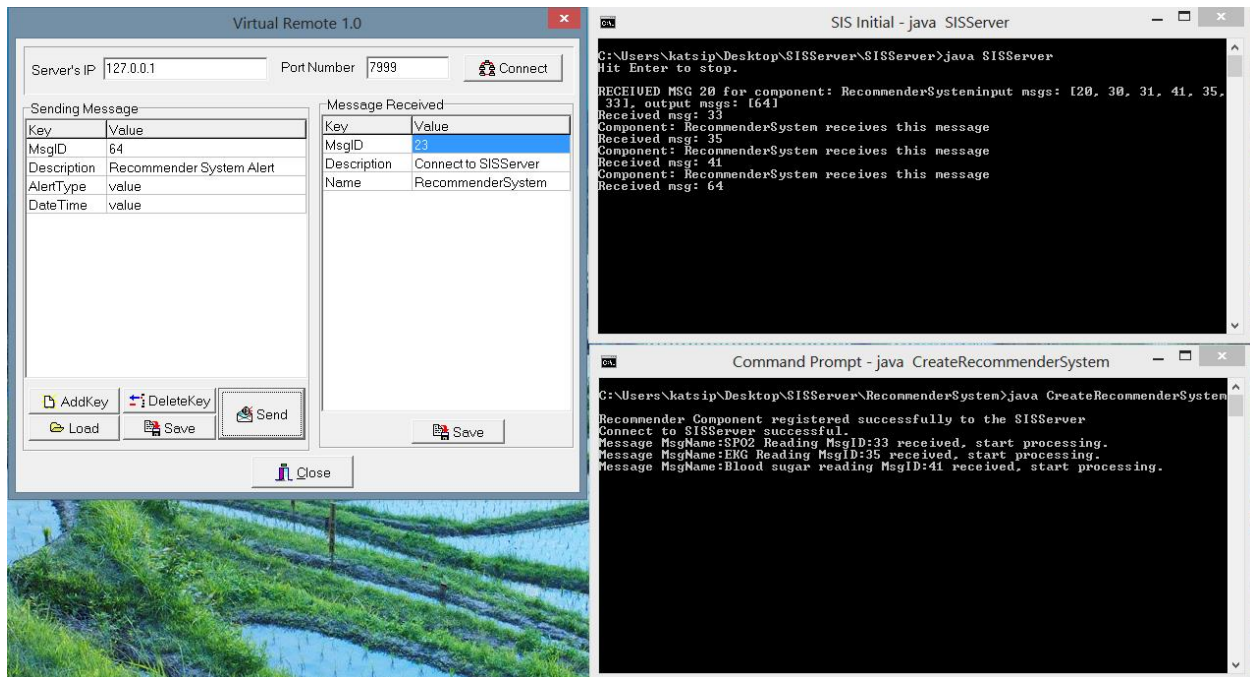
The 'SIS Initial - java SISServer' command prompt shows the following output:

```
C:\Users\katsip\Desktop\SISServer\SISServer>java SISServer
Hit Enter to stop.
RECEIVED MSG 20 for component: RecommenderSysteminput msgs: [20, 30, 31, 41, 35, 33], output msgs: [64]
Received msg: 33
Component: RecommenderSystem receives this message
```

The 'Command Prompt - java CreateRecommenderSystem' window shows the following output:

```
C:\Users\katsip\Desktop\SISServer\RecommenderSystem>java CreateRecommenderSystem
Recommender Component registered successfully to the SISServer
Connect to SISServer successful.
Message MsgName:SPO2 Reading MsgID:33 received, start processing.
```

Step 7 – Recommender System sends out an alert message to the SIS Server



The screenshot displays three windows from a virtual remote session:

- Virtual Remote 1.0**: A window for sending and receiving messages. The "Sending Message" table shows a message with MsgID 64, Description "Recommender System Alert", AlertType "value", and DateTime "value". The "Message Received" table shows a message with MsgID 23, Description "Connect to SISServer", and Name "RecommenderSystem".
- SIS Initial - java SISServer**: A command prompt window showing the server's output. It displays a list of received messages (20, 30, 31, 41, 35, 33) and confirms that the RecommenderSystem component has received these messages.
- Command Prompt - java CreateRecommenderSystem**: A command prompt window showing the client's output. It confirms that the Recommender Component was registered successfully to the SISServer and that it has received and started processing messages for SP02 Reading (MsgID:33), EKG Reading (MsgID:35), and Blood sugar reading (MsgID:41).

Key	Value
MsgID	64
Description	Recommender System Alert
AlertType	value
DateTime	value

Key	Value
MsgID	23
Description	Connect to SISServer
Name	RecommenderSystem

```
C:\Users\katsip\Desktop\SISServer\SISServer>java SISServer
Hit Enter to stop.

RECEIVED MSG 20 for component: RecommenderSysteminput msgs: [20, 30, 31, 41, 35, 33]. output msgs: [64]
Received msg: 33
Component: RecommenderSystem receives this message
Received msg: 35
Component: RecommenderSystem receives this message
Received msg: 41
Component: RecommenderSystem receives this message
Received msg: 64
```

```
C:\Users\katsip\Desktop\SISServer\RecommenderSystem>java CreateRecommenderSystem

Recommender Component registered successfully to the SISServer
Connect to SISServer successful.
Message MsgName:SP02 Reading MsgID:33 received, start processing.
Message MsgName:EKG Reading MsgID:35 received, start processing.
Message MsgName:Blood sugar reading MsgID:41 received, start processing.
```