

## Overview

HanseVIEW allow for remote control through text files. This can be done on local computer or via file sharing. Basic concept is that a command written to a text file is read by HanseVIEW then executed and output placed to a text file.

This remote control capability allows for test stand integration. You can then use 1 of two models. Have test stand send set point commands or profile start stop commands to control chamber then read back current status. Other option is to have test stand read only status and react to conditions and time to perform necessary equipment test.

## Simple Demonstration:

**Run:** Notepad

**Open:** "C:\Program Files\HanseVIEW\Chamber.INI"

**Find Section:** "[System Parameters]"

**Add or Change:**

Remote Control File=C:\Program Files\HanseVIEW\RemoteControl.txt

**Save & Close file**

**Run:** HanseVIEW

**Run:** NotePad

**Open:** "C:\Program Files\HanseVIEW\RemoteControl.txt"

**Type:** run

**Save the File**

Hanseview will start with stop code "Remote Start"

## Defining Remote Control File

C:\Program Files\HanseVIEW\Chamber.INI contains section

[System Parameters]

Remote Control File=C:\Program Files\HanseVIEW\RemoteControl.txt

This specifies the file you will write to. HanseVIEW will only load new setting on startup

For Status see included "RemoteControl.txt" file and "RemoteControl.status" response file

HanseVIEW tracks changes to the file and executes ASCII text commands written to the text file.

## Basic Commands

### **Run**

Start the currently loaded profile to run

### **stop**

Stops currently executing test

### **status**

Writes current time/date and test status to RemoteControl.Status file (text file)

### **load c:\Program Files\HanseVIEW\Profiles\Default.vcm**

Loads profile Default.vcm into the controller

### [Added manual controls to file interface in 2.2.3](#)

#### **mant<set point>,<rate>**

Manual set point and rate for temperature

#### **manv<set point>,<rate>**

Manual set point and rate for vibration

#### **mana<set point>**

Manual auxiliaries

Example:

#### **Mant75,30**

Manual setpoint temprature 75 deg C 30 deg C/min

Notes: Remove <> around your inputs.

## Sample Programs:

### [Sample BASIC Program to run chamber](#)

```
fileno=FreeFile()
```

```
Open "c:\Program Files\HanseVIEW\RemoteControl.txt" for output as fileno
```

```
Print#fileno,"run"
```

```
Close fileno
```

### [Sample BASIC Program to stop chamber](#)

```
fileno=FreeFile()
```

```
Open "c:\Program Files\HanseVIEW\RemoteControl.txt" for output as fileno
```

```
Print#fileno,"stop"
```

```
Close fileno
```

### [Sample BASIC Program to load a profile](#)

```
fileno=FreeFile()
```

```
Open "c:\Program Files\HanseVIEW\RemoteControl.txt" for output as fileno
```

```
Print#fileno,"load c:\Program Files\HanseVIEW\Profiles\Default.vcm"
```

```
Close fileno
```

## Notes

These samples assume both programs are running on same computer. UNC network name can be substituted for "c:\Program Files\ChamberView\" to run remotely. Appropriate error handling must be added for unavailable files or machines. Actual "RemoteControl.txt" file spec is defined in HanseVIEW setup, but it should be local to HanseVIEW controller due to poll rates. We generally put the Remote Control file in a directory by itself with read/write privileges if network access is desired.

Response file is always C:\Program Files\HanseVIEW\RemoteControl.status  
If network access is desired this directory is shared with Read/Only Attributes.

### Status File Format

<Date Time Stamp><TAB><Test Status><LF><CR>

If you install the demo & HanseVIEW software on same computer this should also work for you. If you ran HansVIEW PRIOR to running the demo the first time, you would need to restart HanseVIEW to activate the remote control.