

ITC

Short Instruction for start work with ITC program

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Starting the program

Start from the level of the Operating System window

- After downloading, the zip file should be unpacked anywhere on the disk (eg on the C: \ drive),
- Enter the ITC directory and find the ITC.jar file,
- For windows, double click on the above file.

After the above activities and a properly installed java environment, the program should start without any problem.

In the case of a poorly installed java environment or with older systems than windows 10, in rare cases it may happen that the operation will fail. In this case, first of all check the system paths and associations by file extensions.

Start from the command line

- After downloading, the zip file should be unpacked anywhere on the disk (eg on the C: \ drive),
- Enter the ITC directory and find the ITC.jar file,
- In the File Manager window in the address bar, remove the path to the ITC directory and enter the cmd command here.

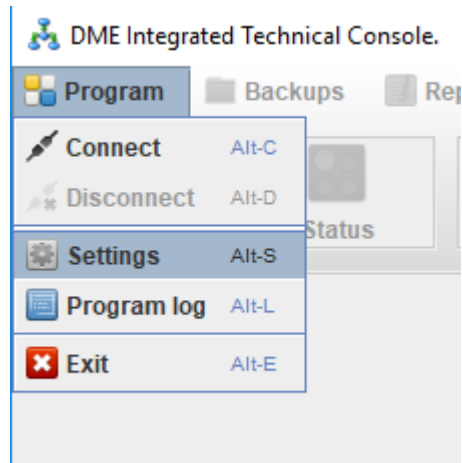
After the above actions, the terminal window will appear exactly in the place of the program file. Then we issue the command:

Java -jar ITC.jar

For practical reasons, it is recommended to use the previous method of running the program.

Program configuration

After starting the program in order to configure connections with the DME device, select Program and then Settings from the upper menu.



The settings window will appear.

A screenshot of the 'Settings' window. It features a table titled 'Stations' with columns: Name, IP Address, Port for SNMP, User, Password, and Port for WEB. The table contains three rows, with the second row 'DME TEST (local)' highlighted in red. Below the table is a section for 'Add / Edit / Delete' with input fields for Name (description), IP Address, Port for SNMP, User, Password, and Port for WEB. To the right of these fields are buttons for 'Add', 'Save Edit', and 'Delete'. At the bottom right are 'Save' and 'Cancel' buttons.

Name	IP Address	Port for SNMP	User	Password	Port for WEB
DME REF (remote)	192.168.8.150	34161	rest	nav	34080
DME TEST (local)	10.6.0.132	161	rest	nav	80
DME TEST (remote)	10.65.252.1	34161	rest	nav	34080

Add / Edit / Delete

Name (description): User:

IP Address: Password:

Port for SNMP: Port for WEB: See help...

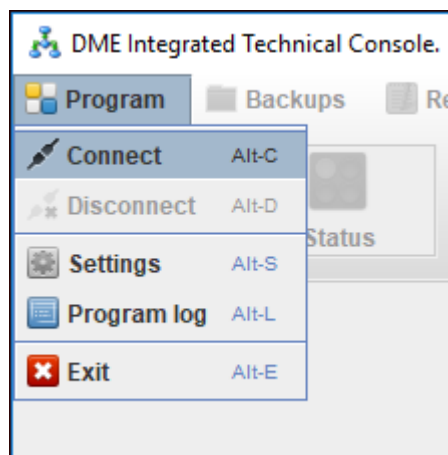
Description of configuration fields:

- **Name:** Any name that depends only on the user, identifies the device, can not be null (empty),
- **IP Address:** clean ip address (without http attachments, port, etc.). In the local network, typically 10.6.0.138/146 (CMU A / B). In the wide area network, any address set at the installation,
- **Port for SNMP:** for local network typically 161 (SNMP protocol), for wide area network 34161 (source: DME documentation). The field can not be null (empty),
- **User:** follows the documentation - typically "rest"
- **Password:** follows the documentation - typically "nav"
- **Port for WEB:** for a typical local network 80 (SNMP protocol), for a wide area network 34080 (source: DME documentation). Field can not be null (empty).

Connecting and detaching to DME

Connection setup with the device

After completing the program configuration, go to the main program window and select Program and then Connect.



The following window will be displayed



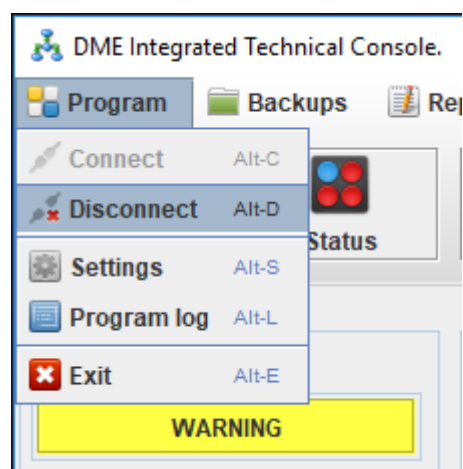
In this window, in the Select section, we select the connection that interests us. It is possible to check the connection status with the device (Test connect button ...)



At the end, choose the Connect button. After a while, the data downloaded from the remote device will be displayed in the program window.

Disconnecting

Disconnect the connection to the remote equipment at any time by leaving the program or selecting Program and then Disconnect.

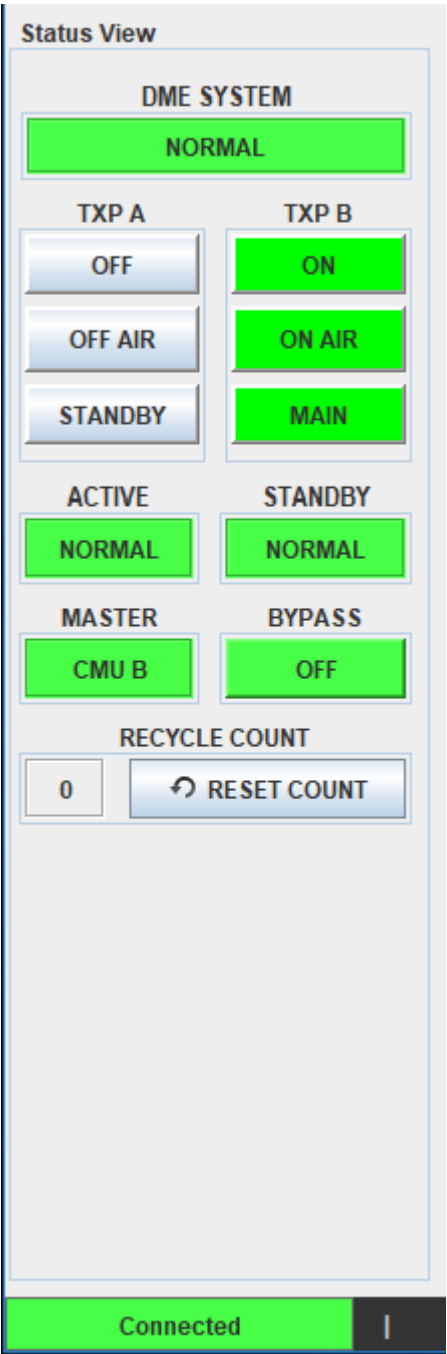


Frequent connection problems

1. No network connection: check the connection cable and that the plug is fully inserted.
2. There is a network connection, there is no connection to the device:
 - a. Program configuration: check the correctness of program configuration,
 - b. Network card: check the configuration of the network card, its address should be from the same address pool as the external address of the device,
 - c. Firewall / antivirus: check if the antivirus program does not block the connection. Port numbers above 1024 are often blocked by a firewall or anti-virus program as standard. Reconfigure the firewall, set an exception in the antivirus program for the ITC program.

Panel Status View

The Staus View panel is the basic indicator of the device's operation..



For this reason, his work and markings are different than in the browser window.

From the top the first indicator is the general state of the device - the same function as in the WEB window.

Subsequent buttons / indicators are divided into two groups related to transmitter A and B.

Turn:

ON / OFF - switching the transmitter on and off - independent buttons, possible states are ON (green) and OFF (application color)

ON / OFF AIR - switching of transmitters to the antenna - dependent buttons, possible states are ON AIR (green) and OFF AIR (application color)

MAIN / STANDBY - transmitter priority switch - dependent buttons, possible states are MAIN (green) and STANDBY (application color)

Below are the status indicators of the ACTIVE and STANDBY sets and CMU activities, all in line with the web version of the program.

At the end

BYPASS - switching on and switching off the bypass of the device - independent buttons, possible states are ON (yellow) and OFF (green).

The specifics of the work of this panel is mainly focused around the buttons. After selecting any of the buttons, its status changes permanently only after receiving confirmation from the supervised device that the command has been issued. Otherwise, the status will not change.