Special Settings

Special settings of the D2000 system

This topic describes some "special" settings of D2000 systems. The settings cannot be configured directly in the D2000 system, but they have to be configured in the registry of the operating system.

The settings are located in the key ***HKEY_LOCAL_MACHINE\SOFTWARE\Ipesoft\D2000V70*** and are described in the following table:

Parameter	Default value	Units	Description
ApplDir		-	Path to the application directory of D2000 system. Application data are stored in respective subdirectories of the directory. It is defined during the D2000 system installation.
Debug_Dir		-	Path to the directory that contains D2000 system log files of *Debug* category.
InstallDir		-	Path to the program files directory of D2000 system. It is defined during the D2000 system installation.
DefaultApplication		-	Default value of the application name (see start parameter /C). The name of the application is required, e.g. when configuring TLS encryption.
IPMask		-	Network IP mask. The parameter can be only used for redundancy of communication routes or redundancy of the application server. It is set during the D2000 system installation (the parameter **IPMask**).
Log_Dir		-	Path to the directory that contains D2000 system log files of *Log* category.
Max_Log_Size	10	MB	Maximum size of D2000 system log files. If the size of a **.log* file reaches a given size, D2000 system renames the file to *file_name.log.bak* and deletes the previous *.bak* file if it exists. Then the system writes into a clear *.log* file. **Note 1:** *Max_Log_Size*=0 defines the old system behavior - unlimited log file size. **Note 2:** The parameter also specifies the maximum size of files located in the directory D2000.EXE\Log\clients_log.
Perf_Dir		-	Path to the directory that contains D2000 system log files of the *Performance* category.
PreferredNetAddr		-	Mask of the network that is preferred - for redundancy of communication routes.
PreferredNetNr		-	The serial number of the network adapter that is preferred - for redundancy of communication routes.
IPAddr1 IPAddr2		-	IP addresses of the network interfaces through which the processes of the D2000 system communicate. **From version 7.1.18 these parameters can be used also for the MS Windows platform.** If they are not specified, the processes will automatically detect them (the default behavior for lower versions). **Note:** if the computer has more than 2 IP addresses, we recommend that you specify IpAddr1 and IpAddr2 so that the D2000 system deterministically uses the desired interfaces for communication. This is even more important if your computer has aliases configured as well. Then there is a risk that IP addresses/aliases configured on one interface will be used for communication and in case of failure of this interface the redundant communication between D2000 servers will stop working. This can result in a situation when two D2000 Servers enter the Hot Server (HS) state.

Note:
The registry also includes other parameters that are required for the correct functioning of the D2000 system.

!!! WARNING !!!
We strongly recommend NOT to change any of these settings, with the exception of network settings. Any change may damage the functionality of the D2000 system.