Object Groups

Object groups

User access rights in the D2000 system are set up for users via so-called object groups. They can be created in the process D2000 CNF and then assigned to individual operators. For access to an object group, it is possible to define the access right level: **Read**, **Control**, **Modify** and **No access**. The lowest access priority has the level **Read**, the highest level has **No access**.

Access right level	Access to system objects
Read	Access to values of the objects.
Control	Change of values of the objects.
Modify	Change of the object configuration (via the process D2000 CNF, editing pictures in the process D2000 GrEditor, etc.).
No access	No access to the objects.

As one object can be a member of several groups, a situation when the user has various access right levels to the particular object can occur. In such a case, the access level with the highest priority is applied.

Example - object's membership in several groups with various access right level

The station *Station01* with its children (all the I/O tags whose parent is the station) is a member of the group *GroupA* with the access right level **Control** defined. A child of the object *Station01* - the I/O tag *Point* is a member of the group *GroupB* with the access right level **No access**. Then access to the object *Point* is denied for the user.

An object group is defined by its name and description. The content of the object group is the list of objects, that belong to it.

Related pages:

Create a new object group
Configuration of an object group
Home group
ReadOnly mode