



## NTFS Permissions

### Task 1

- In the C: drive, create a *Data Area* folder. Pause inheritance and delete all inherited permissions.
- View the owner of the folder.
- Give your administrator user FA rights and inherit them to all folders, files, and subfolders (the entire file system tree with the Data Range folder as the root).
- In addition, assign the *RA* permission to the Users group. Pass them on throughout the tree as well.

### Task 2

- In the data pane, create a *Sample Company* folder. Disable inheritance and delete all existing rights.
- Create the following directory structure:  
Musterfirma  
|-- Purchasing  
|-- Sale  
|-- Leadership  
|-- PR  
|-- Administration
- Create the users *erika*, *volker*, *ludwig*, *peter* and *veronika* . (If users with these names from previous exercises are still created, delete them first so that no incorrect system rights can be transferred.)
- Within the directory structure, assign NTFS rights according to the following table (the dashes stand for NA):

	Erika	Scott	Ludwig	Peter	Veronika
Purchase	MA	Go out	Go out	Go out	Go out
Sale	Go out	MA	Go out	Go out	Go out
Manageme nt	-	-	MA	-	Go out
PR	Go out	Go out	MA	MA	Go out
Administrati on	-	-	Go out	-	MA

- Give your account (as a simulated administrator) FA for all folders.
- Make a note of the difficulties that might arise with this approach in real companies. Develop solutions to these problems.



#### Task 3

- a. Modify the NTFS rights structure from the NTFS rights exercise by reorganizing the rights according to the AGP principle. The required groups should be called the same as the departments of the company.
- b. The employees Emil, Egon (both Purchasing), Vera (Administration) and Petra (PR) are hired. Create the users and assign the appropriate rights.
- c. Employees Veronika and Egon move to sales. Managing Director Ludwig retires and is replaced by Otto, who moves from a competitor to the model company and takes over the management. Otto wants to have full access in all departments. Adjust the rights of the changing employees and make the necessary arrangements for Ludwig and Otto.
- d. Due to the growth of the company, sales are divided into sales north and sales south. Volker and Egon work in Sales North, while Veronika and Collin are responsible for Sales South. Make the necessary changes to the directory structure and rights. In doing so, you assign the rights of the employees in your own as well as the external sales unit.