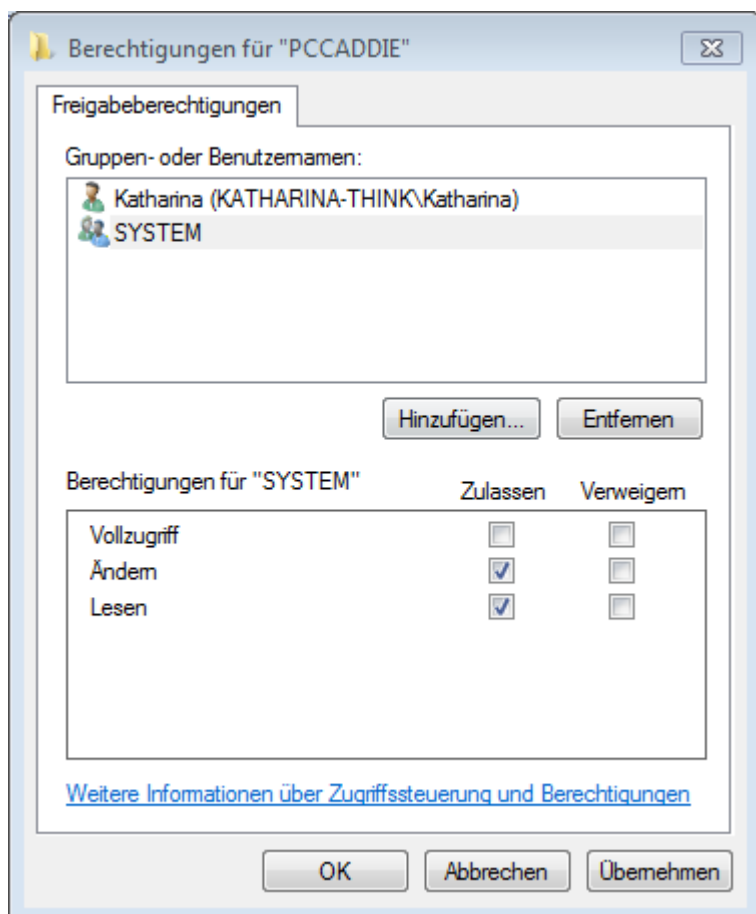


# Firewall and access rights

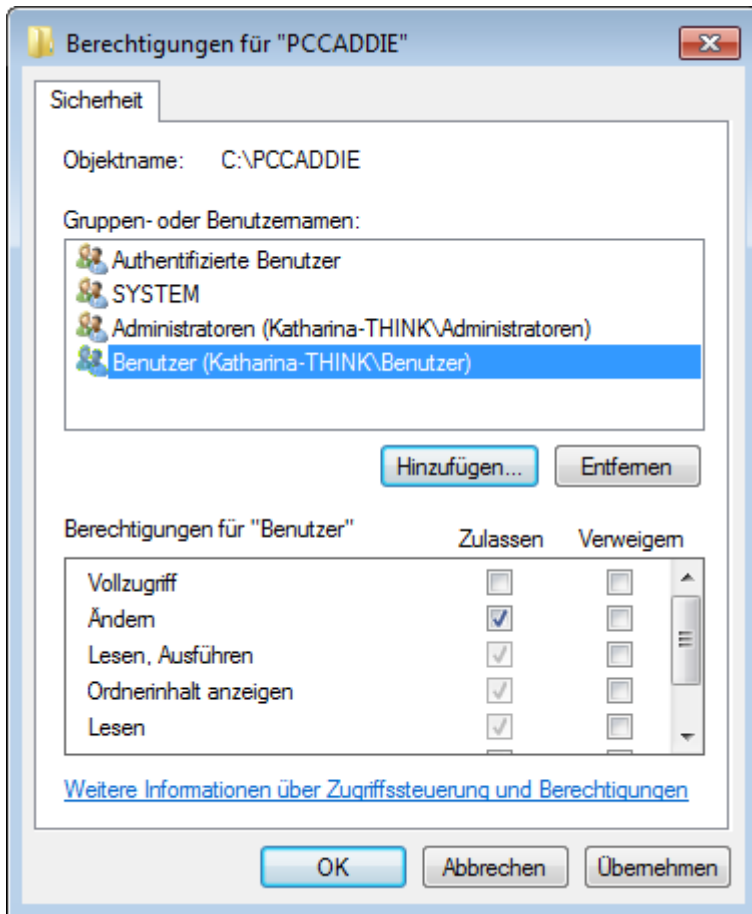
## Approvals

The PC CADDIE main directory must be shared on the server. It should also be noted that the share authorisations must be installed for each PC CADDIE user. All PC CADDIE users, including the local system account, require full rights (read, write, change, delete).



## Windows authorisations

In the Windows permissions, all Windows users who use PC CADDIE must be authorised to read, create, change and delete files in the PC CADDIE folder and all subdirectories.



If required, it is possible to start PC CADDIE under a different Windows user with the appropriate rights.

For some special functions, PC CADDIE creates new folders in the data directory. It must be ensured that this is included in the authorisations.

## Firewall settings, routing

The following ports must be enabled for smooth operation with PC CADDIE:

### Public, Internet (outgoing only!)



These ports must only be **outgoing** be opened (In-To-Out)! These ports must of course **not** be accessible from the Internet.

<b>TCP 80 (HTTP), 443 (HTTPS), 21 (FTP)</b>	Intranet/PC CADDIE updates: <a href="http://www.pccaddie.com">www.pccaddie.com</a> and <a href="http://update.pccaddie.com">update.pccaddie.com</a>
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- The following domains are systematically accessed:
  - [www.pccaddie.com](http://www.pccaddie.com)
  - [update.pccaddie.com](http://update.pccaddie.com)
  - [www.pccaddie.net](http://www.pccaddie.net)

- sms.pccaddie.net
- gateway.pccaddie.net
- [www.startzeitenserver.de](http://www.startzeitenserver.de)
- iis.dgv-intranet.de
- [www.dgv-intranet.de](http://www.dgv-intranet.de)
- nominatim.openstreetmap.org
- In Switzerland, the following domains are required instead of dgv-intranet.de:
  - iis.asg-intranet.ch
  - [www.asg-intranet.ch](http://www.asg-intranet.ch)
  - [www.golfsuisse.ch](http://www.golfsuisse.ch)
- In addition, for connection to the Swiss Golf Network:
  - [www.swissgolfnetwork.ch](http://www.swissgolfnetwork.ch)
  - t-time.swissgolfnetwork.ch



Please note that when using a proxy server, these ports must also be released.

## Local, within the company network

### from workstations to the PC CADDIE database server

<b>UDP 6262</b>	ADS <a href="#">Advantage Database Server</a>
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### from the PC CADDIE card system server to the machines

online ball machines, doors, vending machines, barriers, caddie boxes, etc..:

<b>TCP 950, 951, 966, 967</b>	necessary for operation
<b>TCP 23, 80</b>	for configuration and fault diagnosis



If you are working with several subnets, please remember the correct routing between them.