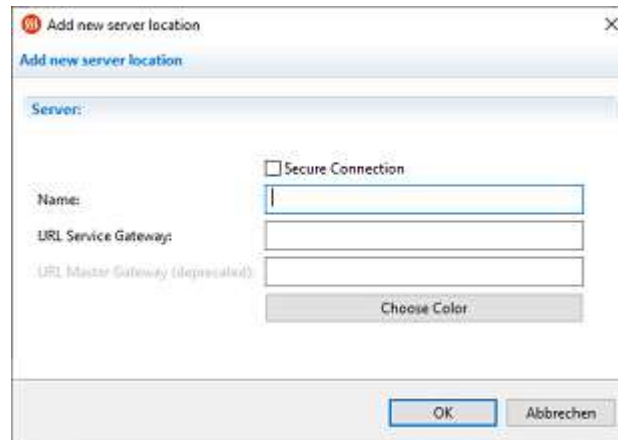


1. FD: Connection to main application v1.0 2023-04-27

- Flight Deck Download and Flight Deck Web connect to the main application (which provides the authentication - currently Midgard, Kronos, Eos, Top Client) via the service gateway. The url to the service gateway is configured differently:
- **FD Download:** Users enter the service gateway url in the login dialog by themselves. They have to enter a name and the url. If it is a secure connection, they have to check the respective checkbox. **The protocol prefix of the url will be ignored.** FD determines the protocol according to the checkbox's state.



- **FD Web:** Users do not configure the url, this is done within the deployment. FD Web has two different approaches (in both cases the url will be read when FD Web deployment is started):
 - A) FD Web's primary config file is **configuration.fd**, which is located (according to QC standards) in `/apps/qc/flightdeck/conf`. This is a key-value file. The key for the server location is "serverLocations". The value's pattern is derived from the way server locations are handled in FD Download. The pattern is: **Name->URL->Secure Connection Flag**, for example:
 - Non-secure connection: "serverLocations=LH Midgard Dev->10.10.123.50:8080/midgard-service-gateway" (Secure Connection flag defaults to *false*)
 - Secure Connection (with Secure Connection flag set to true): "serverLocations=LH Midgard Live->prod.lh.quintessence.de/midgard-service-gateway->true"It is actually possible to define multiple server locations (using # as separator). In this case, a drop down will be available on the login page. However, this is only meant to be used internally (resp. for development).
 - B) When the *serverLocations* key described above is not set, FD Web tries to automatically create the service gateway url with <http://localhost>, using the main application's configuration files (*install.cfg* and *runtime.cfg*) to get the port and service gateway's deployment name. This, of course, works only when FD Web is deployed on the same server as the main application.