Authentication

The following authentication methods are available in IT systems:

Local authentication

IT systems with the local authentication (LA) method manage the credentials locally on the system. On this type of IT system, a combination of user name & password must therefore be generated and maintained, users & users thus **may** receive multiple user names with multiple passwords on multiple IT systems of this type.

- IT systems with the local authentication method use individual credentials.
- Users may receive multiple combinations of usernames & passwords.
- Login required on each IT system

Single Password

IT systems with the single password authentication method (SP) query a central user administration for the correctness of the credentials entered. With this type of IT system, users **always use the same user name and password**, only the user name has a slightly different form in rare cases (cf. Standard and Domain Login).

- IT systems with the single password authentication method use centrally stored credentials.
- Users receive exactly one combination of user name & password
- Login required on every IT system

Single Sign-On

IT systems with the Single Sign-On Authentication method (SSO) ask a central identity provider for the correctness of the credentials entered. With this type of IT system, users **always use the same user name and password. By means of authorisation, these systems are also able to pass on their login information to other systems**.

* IT systems with the single sign-on authentication method use an identity provider to verify credentials.

- Users receive exactly one combination of user name & password
- Login only once within the system families

Kerberos and OAuth / OpenID Connect / SAML are required.

IT-Systeme

Service	Authentication method	Comments
Collaboration Cloud	Single Password	
Data drives	Single Password	In the PC network system: SSO - Kerberos
Document management	Single Password	
Printing	Single Password	In the PC network system: SSO - Kerberos
E-Mail - Exchange Online	Single Password	
eCampus	Single Password	
Moodle	Single Password	SSO in preparation
Multifunction Devices	Single Password	In the PC network system: SSO - Kerberos
PC-Verbundsystem	SSO - Kerberos	
Plotting	Single Password	In the PC network system: SSO - Kerberos
Videokonferenz	SSO	
Virtual Desktops	Single Password	
VPN	Single Password	
Time Recording	SSO	

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