

Interface workshop

A person's hand is shown pointing at a digital interface. The background is a dark blue field with a network of white lines and glowing nodes. A semi-transparent grey rectangle is overlaid on the center of the image, containing the text 'Basics and login'.

Basics and login

Agenda

- 
- The background of the slide features a person in a dark suit and white shirt, pointing their right index finger towards a glowing blue circle on a network diagram. The network diagram consists of numerous white dots connected by thin white lines, creating a web-like structure. The person's hand and arm are in the foreground, slightly out of focus, while the background is a light blue gradient with the network diagram.
1. General remarks and basics
 2. Login/authentication

In general: access to DAT online customer environment

- CDN provider in order to improve the performance
- Please watch the requirements for an error-free access
- **HTTP/1.1** compatible



Call only via www.dat.de

Don't use IP addresses with activated firewall

Deactivate proxies

Basics - compatibility

- Data interchange in XML file format
- Adaptions of interfaces will be - if possible - always made downward compatible
- Incompatible changes will be announced at least six month before by newsletter
- The VXS will be enlarged continuously with every new product and every new function



Please use always an XML parser and deactivate the schema validation

Usage of services in the context of single products



Usage of service URL by taking the example of SilverDAT 3 PRO

[http\(s\)://www.dat.de/myClaim/soap/v2/VehicleSelectionService](http(s)://www.dat.de/myClaim/soap/v2/VehicleSelectionService)

[http\(s\)://www.dat.de/myClaim/soap/v2/VehicleIdentificationService](http(s)://www.dat.de/myClaim/soap/v2/VehicleIdentificationService)

[http\(s\)://www.dat.de/myClaim/soap/v2/ConversionFunctionsService](http(s)://www.dat.de/myClaim/soap/v2/ConversionFunctionsService)

[http\(s\)://www.dat.de/myClaim/soap/v2/VehicleRepairService](http(s)://www.dat.de/myClaim/soap/v2/VehicleRepairService)

[http\(s\)://www.dat.de/myClaim/soap/v2/ValuationService](http(s)://www.dat.de/myClaim/soap/v2/ValuationService)

[http\(s\)://www.dat.de/myClaim/soap/v2/MyClaimExternalService](http(s)://www.dat.de/myClaim/soap/v2/MyClaimExternalService)

Login



Authentication

Authentication in context of single products



Authentication in context of single products



Service-URL <http://www.dat.de/DATECodeSelection/soap/Authentication>

WSDL-URL <http://www.dat.de/DATECodeSelection/soap/Authentication?wsdl>

Authentication in context of single products



Service-URL <http://www.dat.de/VehicleRepairOnline/soap/Authentication>

WSDL-URL <http://www.dat.de/VehicleRepairOnline/soap/Authentication?wsdl>

Authentication in context of single products



Service-URL <http://www.dat.de/FinanceLine/soap/Authentication>

WSDL-URL <http://www.dat.de/FinanceLine/soap/Authentication?wsdl>

Authentication in context of single products



Service-URL <http://www.dat.de/myClaim/soap/v2/MyClaimExternalAuthenticationService>

WSDL-URL <http://www.dat.de/myClaim/soap/v2/MyClaimExternalAuthenticationService?wsdl>

Authentication in context of single products



Service-URL <http://www.dat.de/myClaim/soap/v2/MyClaimExternalAuthenticationService>

WSDL-URL <http://www.dat.de/myClaim/soap/v2/MyClaimExternalAuthenticationService?wsdl>

Authentication in context of single products



Service-URL <http://www.dat.de/valuateNG/soap/Authentication>

WSDL-URL <http://www.dat.de/valuateNG/soap/Authentication?wsdl>

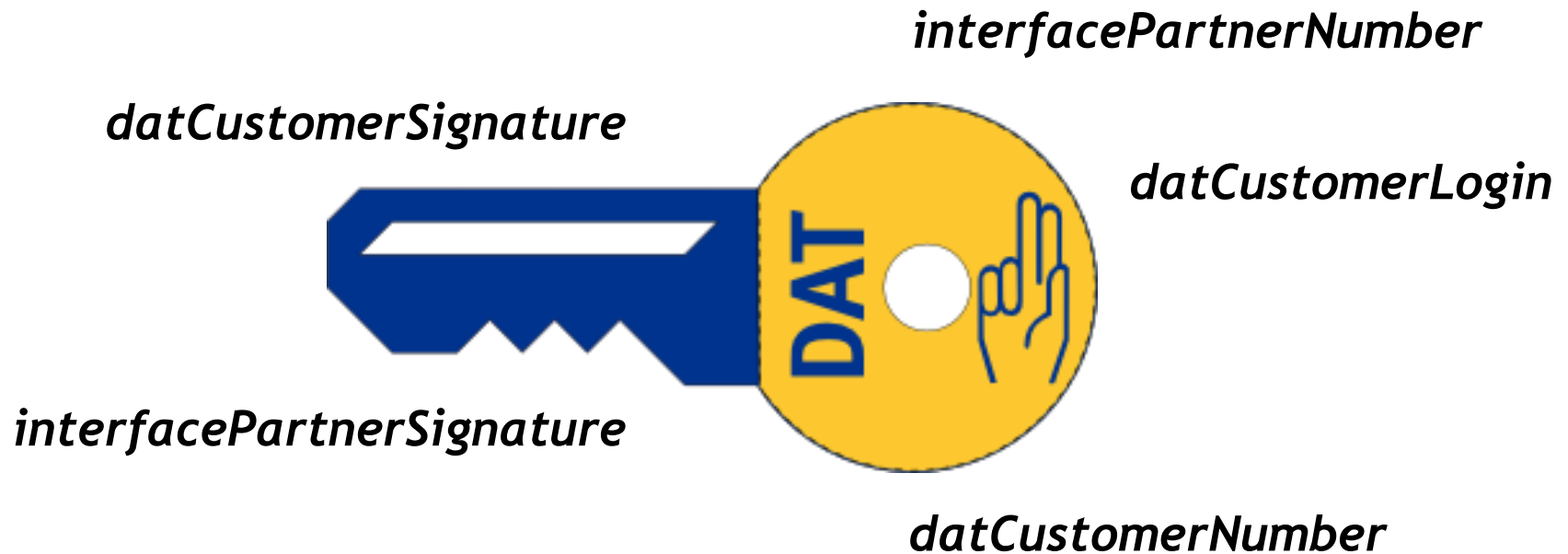
Authentication in context of single products



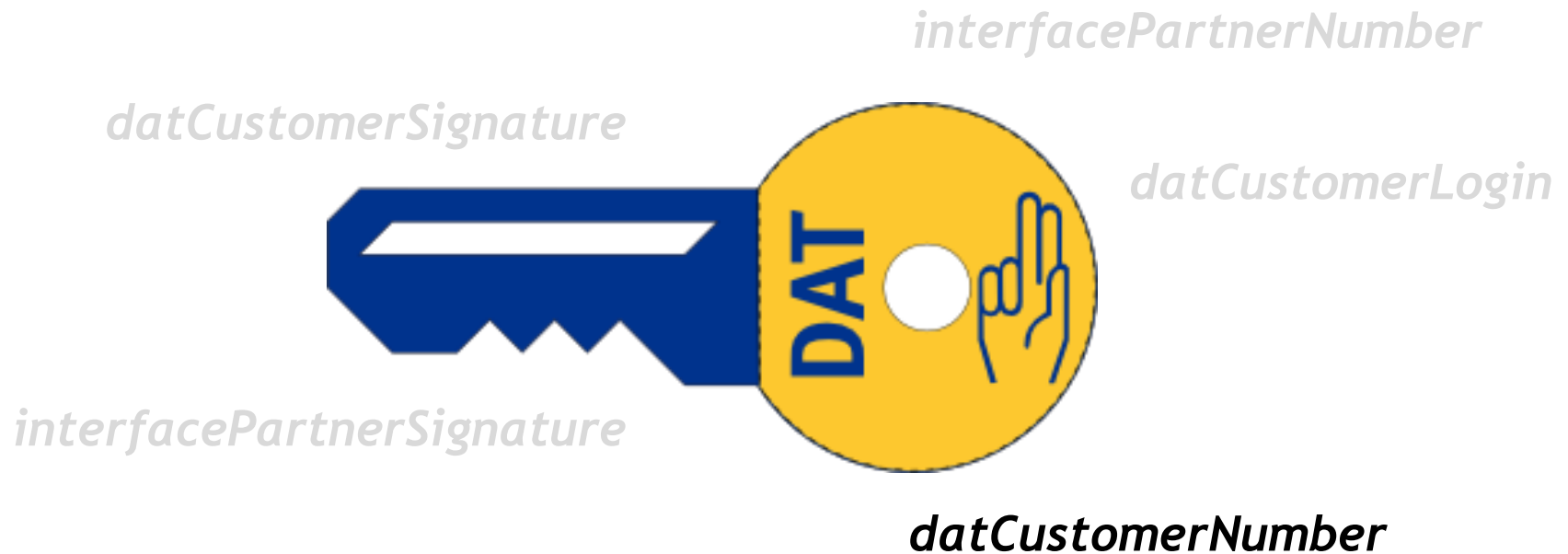
Service-URL <http://www.dat.de/<ProduktName>/soap/Authentication>

WSDL-URL <http://www.dat.de/<ProduktName>/soap/Authentication?wsdl>

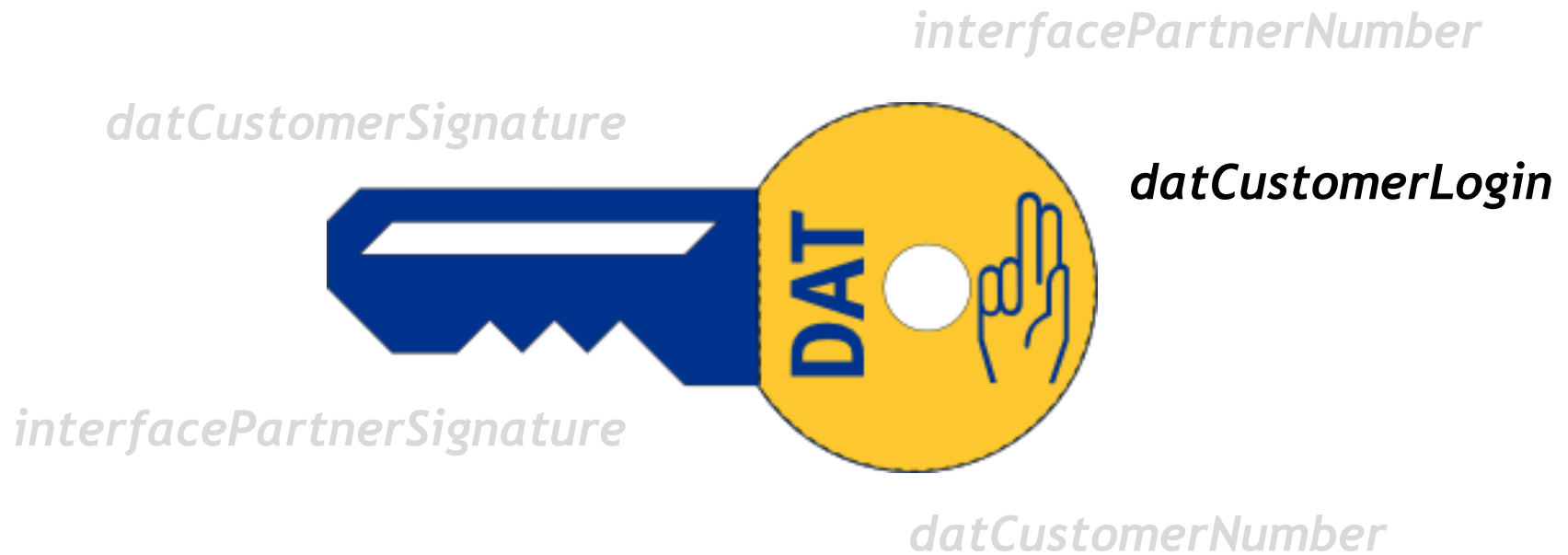
The five elements of authentication



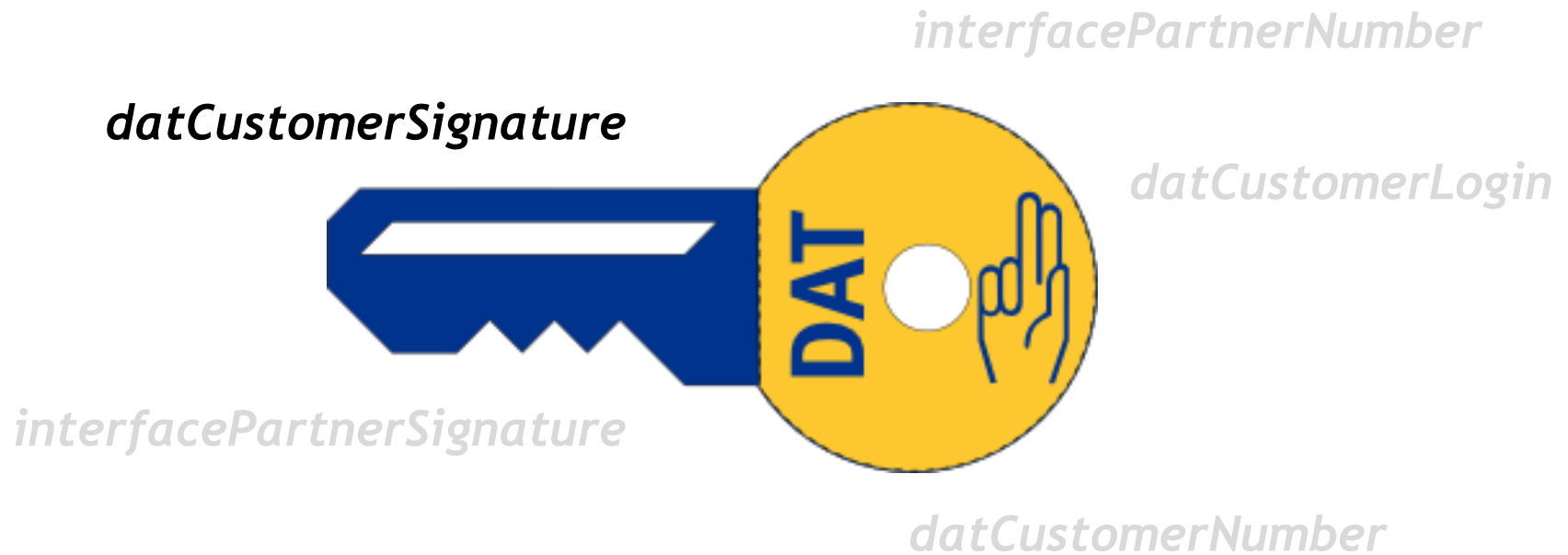
The five elements of authentication



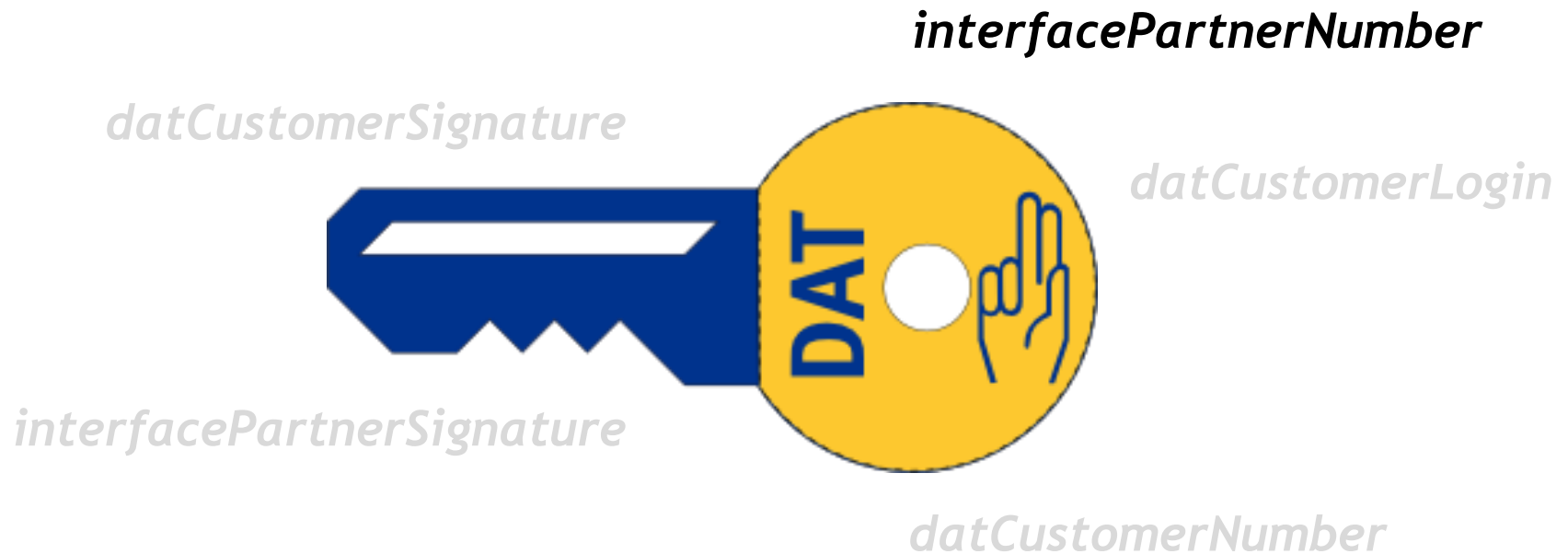
The five elements of authentication



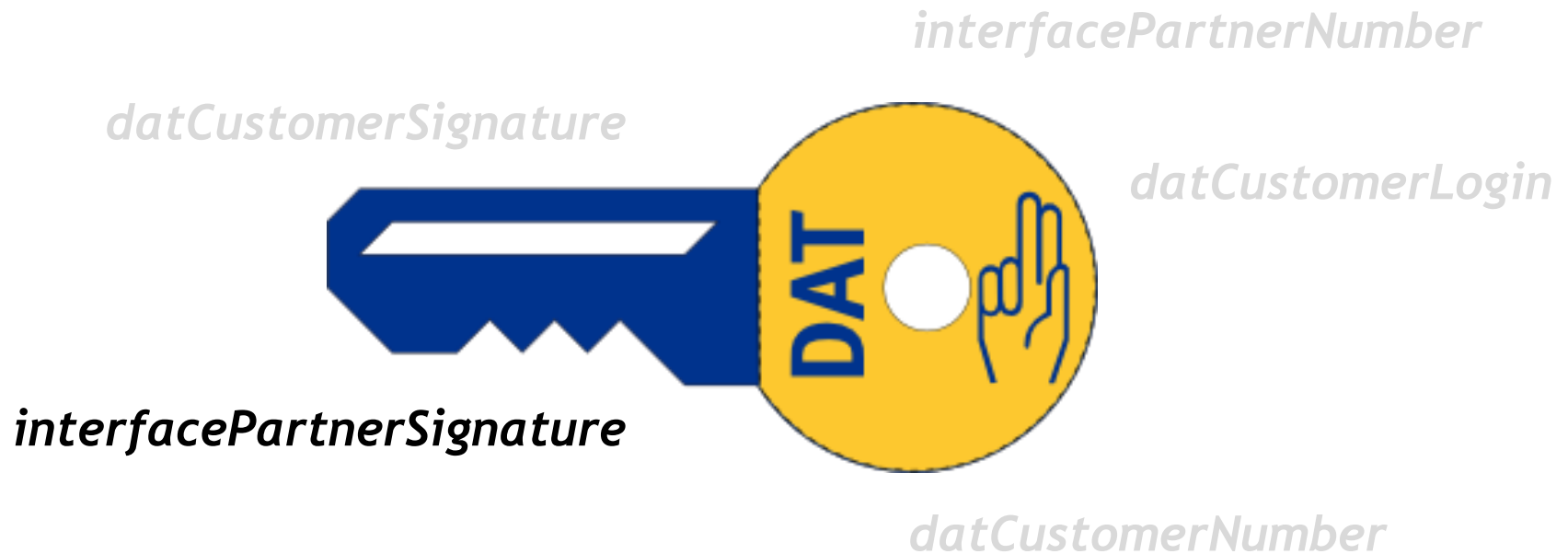
The five elements of authentication



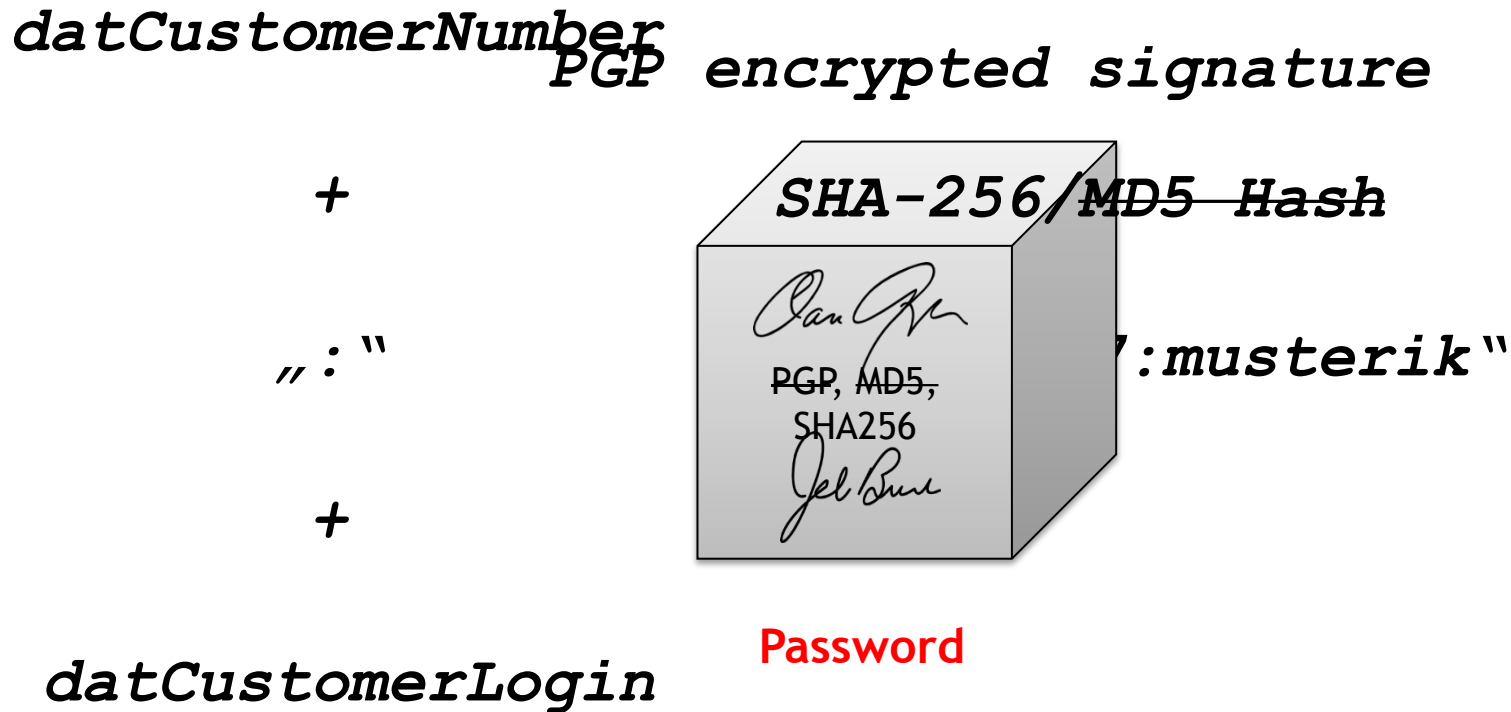
The five elements of authentication



The five elements of authentication



Creating a signature



Creating a signature for the usage of web soap

- [client number]:[user name]:[password] encrypt with SHA256
- Example: 1300553:Anwender01:MyserPwd
- Hash:
e25f0e275607688a8616bbb0df1f23ac582c022faae92824718c4057c5f19abc
- User tool: <http://hashgenerator.de/> (safer with library function)



**This construct *[client number]:[user name]:[password]*
May not contain any further characters (e.g. blank or carriage
return or the like).**

Web service „Authentication“



- The web service „Authentication“ is used within all new DAT applications
- The URL of the service changes accordingly to the products which is applied
- For the login five parameter will be needed
- The signature can be encrypted in the following formats: ~~PGP~~-, SHA-256 or ~~MD5~~
- For using the transaction-based authentication all five parameter must be delivered for each call of function
- If necessary the product variety must be set in addition

SOAP call with http header



POST http://www.dat.de/... HTTP/1.1

Accept-Encoding: gzip,deflate

Content-Type: text/xml;charset=UTF-8

SOAPAction: "createValuation"

customerSignature: cfa6...

customerNumber: 1234567

interfacePartnerNumber: 1234567

interfacePartnerSignature: dfb4a05d...

customerLogin: username

Content-Length: ...

Any questions? E-Mail: interfaces@dat.eu | Tel: +49 711 / 4503-0



Thank you for your
intention!