

# BMW Group

## PRISMA - Rules and Standards for Protection of Vehicle Representations

Quick reference Version 2.1

Starting on 11.05.2015

### 1. Background

In the past PRISMA project permissions allowed each project member access to the total vehicle. Company security requires that authorization should be limited and that each member of a project staff should only see what they need for their task.

Therefore the PRISMA rules and standards for protection of vehicle representations for series development were adapted.

### 2. Everyone can only see what they need for their work (need to know principle)

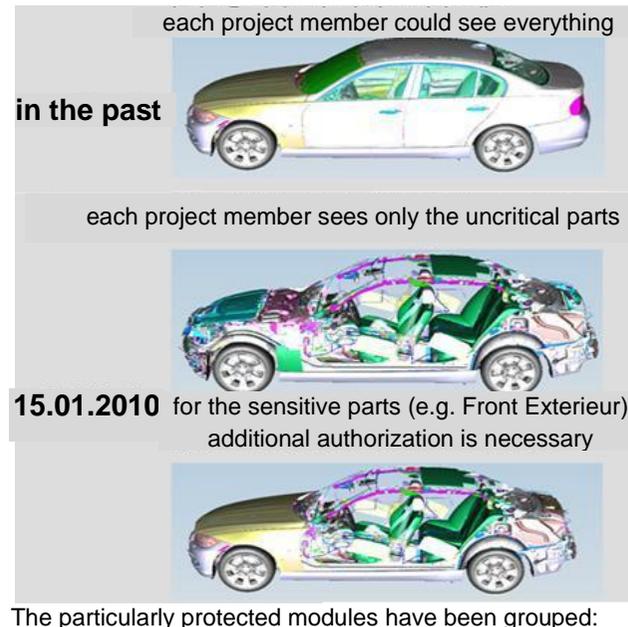
With the new PRISMA rules and standards, PRISMA projects have a general and a particularly protected section.

The general section can be accessed with the current PMA/PMR rights. The protected section can no longer be accessed.

All visible parts of the "Exterieur" and the "Front Interieur" of the vehicle and/or motorcycle projects which have not yet reached SOP are now protected.

The protection is based on PRISMA module entries. This means that all parts whose PRISMA version have a module entry with a protected module (see table), cannot no longer be accessed (read or write) with the PRISMA rights PMA/PMR.

Additional authorizations/rights are necessary to access the protected parts.



<b>Geschützte Module und deren Modulgruppen</b>		
<b>AHV</b>	<i>Außenhaut Vorn</i>	KA04 (Unterboden Anbauteile, Entdröhnung) KD01 (Stoßfänger) KD02 (Vorderwand, Luftführung) KD03 (Frontklappe, Seitenwand) KG03 (Scheinwerfer, Fanfaren)
<b>AHM</b>	<i>Außenhaut Mitte bzw. Außenhaut Motorrad</i>	KB01 (Seitengerippe, Dach) KB02 (Cabrio-Schutzsysteme) KB03 (Schiebe-Hebedach, Panoramadach) KB04 (Verdeck Softtop, Hardtop, Versenkbares H) KB05 (Verdeckdeckel, Verdeckkastenboden) KE01 (Türstruktur, feste Scheiben) KE02 (Türmechanik) KE03 (Türdichtsystem, Leisten seitlich) KG01 (Front-, Heckscheibe, Leisten, Reling) Modul 85 (Karosserie Motorrad) Modul 89 (Motorrad Gesamtfahrzeug)
<b>AHH</b>	<i>Außenhaut Hinten</i>	KF01 (Stoßfänger, Schwellerverkleidung) KF02 (Heckklappe, Wischsystem, Anbauteile) KG04 (Heckleuchten)

<b>Geschützte Module und deren Modulgruppen</b>		
<b>INV</b>	<i>Interieur Vorn</i>	IG01 (Bedienfelder, Schalter) IG02 (Schaltzentrum Lenksäule) IG03 (Innenleuchten) IG04 (Zentralbetätigung Heiz-, Klimagerät, Aud) IG05 (Gangwahlschalter Automatikgetriebe) IG06 (Zentrale Bedieneinheit) IG07 (Anschlussbuchsen) IH01 (Instrumenten-Tafel) IH02 (Mittelkonsole) IH04 (Beifahrer Airbag) KE04 (Türverkleidung, Seitenschutz)

Double-digit modules of new module structure like KA or KF are allowed only for structures (ST), not allowed i.e. for 5P or 5D.

Overall skin interior should be stored in module IH01 or IH02.

CAD models with complete 3D exterior views have to be stored in secret projects or they must to be split into the module groups and have each to be stored with modules out of the corresponding module groups (i.e. front date with KD1 or KD2 or another module of this group).

The additional authorization is valid for all access to PRISMA (CATIA, internal/external visualization, data exchange, Checkout). It is also valid for secret projects and for already approved data with projects before SOP.

### 3. Requesting special authorities

If a project member needs access to protected data, he can request the right directly in the PRISMA client of the PDM WebDesktop or ask a PRISMA VOB for doing this. To become operative the requests have to be approved by the line manager or one of his deputies also directly in the PRISMA client.

Access rights are applied and granted on the basis of the module groups, not for single modules.

Example: If access to the "Frontklappe" is needed, the right for the appropriate group of modules must be requested, in this case "AHV

**Internal Staff**

For internal staff the request for these special access rights must be placed directly in the PRISMA client in the Dialog „Personal Authorizations“. This can do the users by their own or a PRISMA VOB for other users.

For internal staff these rights (SFD) in PRISMA are managed as personal rights (e. g. AHV) and are valid for all projects where the respective employee has PMA or PMR rights.

**Example:** If an internal project member needs access to particularly protected parts of the Module Group "AHV" in project G26, he needs the project right "G26 PMA" and the personal right "AHV"

#### External Staff

For external staff the request for these special access rights must also be placed directly in the PRISMA client in the Dialog „Personal Authorizations“. This can do the users by their own or a PRISMA VOB for other users.

For external staff these rights (SFD) are managed as project-related rights (e. g. G26 AHV) and must be requested and registered for each PRISMA project. They are temporarily limited for external staff.

**Example:** If an external project member needs access to particularly protected parts of the Module Group "AHV" in project G26, it needs the project right "G26 PMA" and the project-specific special right "G26 AHV"

For the access to the particularly protected data the past project rights PMA/PMR and additionally the new special rights are always necessary.

If an internal or external employee needs the Complete Exterior, the special right "AHG" must be requested. If an employee needs all parts of the Exterior and Interieur, the special right "GES" must be requested.

Included rights		
<b>AHG</b>	<i>Außenhaut gesamt</i>	Includes all modules of Exterior (AHV/AHM/AHH)
<b>GES</b>	<i>Gesamtumfang</i>	Includes all modules of Exterior and Interieur (AHG/INV).

#### 4. Recognition of particularly protected parts

Module group and "SOP reached" are automatically determined on the basis of PRISMA tables.

In the PRISMA client You can see whether a document is protected or not. If the Module Group is allocated (i.e. for Module Group "AHM" You need the right "AHM")

Module		Module group
Module (No.)	Module	
KE01	Türstruktur, feste Sch...	AHM

and also the status of "SOP reached" is empty, this document is protected.

Project	Project name	SOP reached
G30	G30	

If the Module Group is not allocated, the part is not under additional protection and the part can be accessed PMA/PMR authorization.

If "SOP reached" has the status "X", documents of this project are no longer additionally protected and the user does not need special rights to access the document.

There is a new error messages for missing additional authorizations: "No read authorization for this project/module", but in some case it is only the known message "No read authorization"

#### 5. Access to particularly protected parts is logged

Access to particularly protected data is logged in PRISMA (Vaulting). Protocols are deleted after 3 months. The logging has been co-ordinated with the work council.

#### Further changes in the PRISMA process:

##### 6. Retirement with organizational change

If an employee changed to another division, PRISMA project rights are time limited. He will be informed that his rights will expire automatically. Reorganizations and changes within a division (e. g. within EK) are not considered as changes.

Even if the employee needs the rights in his new function, he must request the extension of the rights with the new responsible PRISMA VOB.

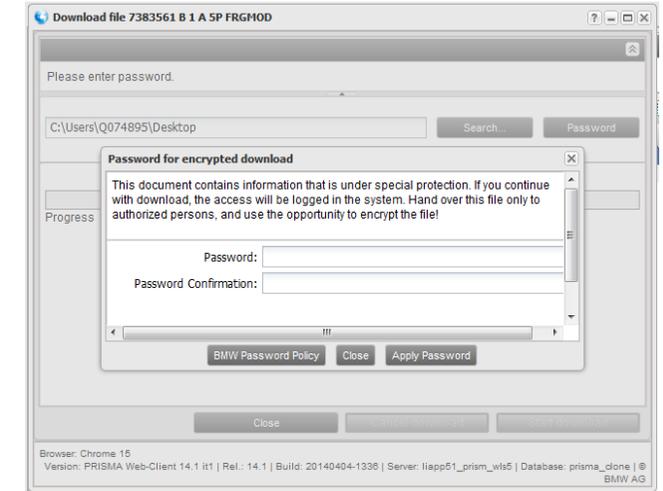
##### 7. Saving with CARISMA/STM (internally) only on protected ranges (CAD PDM)

Data that is to be saved with CARISMA/STM (internally) can only be saved to protected paths. These are either

„C:\documents and settings\user “, possible extensions of this path or network paths.

#### 8. Encoding at Checkout

With the PRISMA client particularly protected data is always encoded independently of write path, so that e.g. with loss of a portable data medium the finder cannot read this data.



Decoding takes place with WinZip and/or 7-zip and input of the encoding password.

#### VOB's EMAIL addresses

VOB's EMAIL addresses  
 for EK, EF, EI, EG: [vob.ek.ef.ei@bmw.de](mailto:vob.ek.ef.ei@bmw.de),  
 for EA: [vob.ea@bmw.de](mailto:vob.ea@bmw.de),  
 for TI: [vob.ti@bmw.de](mailto:vob.ti@bmw.de),  
 for TP-4: [TMO.PRISMA-VOB@list.bmw.de](mailto:TMO.PRISMA-VOB@list.bmw.de),  
 for UX (Munich): [support\\_ux-e\\_PRISMA@bmw-motorrad.de](mailto:support_ux-e_PRISMA@bmw-motorrad.de),  
 for UX (Berlin): [support\\_ux-t\\_PRISMA@bmw-motorrad.de](mailto:support_ux-t_PRISMA@bmw-motorrad.de),  
 Others please see [VOB-list](#)

## Appendix:

### Check of PRISMA Authorizations

Internal staff gets general authorization for special protected parts (SFD), external staff gets project specific authorization. Therefore these rights have to be requested and checked in different dialogs.

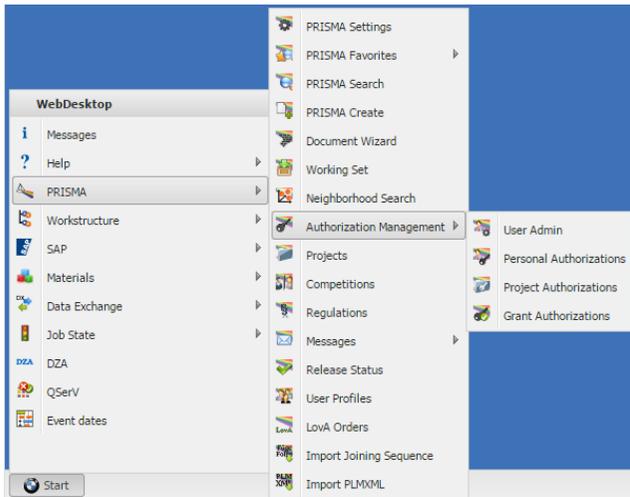
#### 1. Check of SFD rights for internal staff

Internal staff gets personal SFD authorizations. Therefore these rights will be found in the dialog “Personal Authorizations”.

Internal staff check it's own rights:

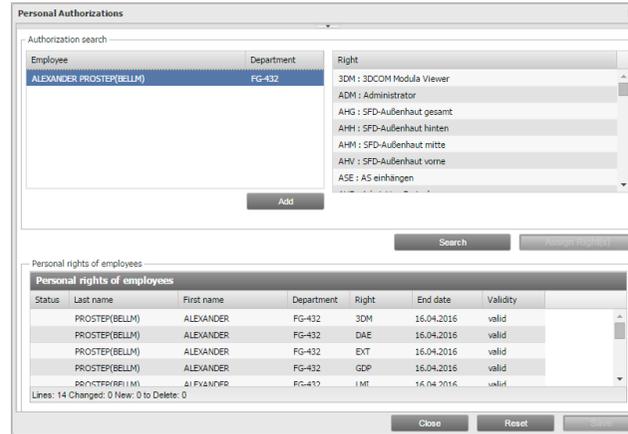
Start PDM WebDesktop

Select “PRISMA” > “Authorization Management” -> “Personal Authorizations”



In the dialog area “Employee” use the “Add” button to search for yourself. Select “own” and use “Apply and Close”.

By using the “Search” button, all your personal rights will be displayed in the lower area of the dialog.



If you now find out, that the required special rights (SFD) are missing, you can request them by selecting the right in the upper right field and pressing the “Assign Right(s)” button. To confirm your request please use the “Save” button.

#### Check of SFD rights for another user

By adding other users in the area “Employee”, you can also search for their rights. You can therefore use attributes like Name, User-ID or Department for the search. You can also use wildcards for this search, as for example searching the department “EK-19\*”. You will then find all departments starting with “EK-19”.

#### 2. Check of PRISMA SFD rights for external staff

External staff gets SFD rights not in general like internal users, they get it for each vehicle project. Therefore you must search them in the dialog “Project Authorizations”

#### Check of SFD rights for external staff

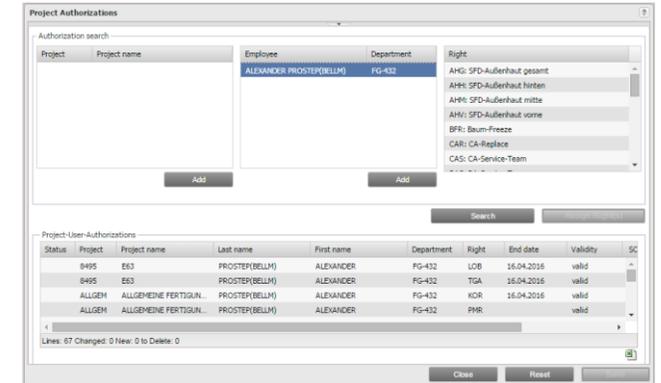
Start PDM WebDesktop

Select “PRISMA” > “Authorization Management” -> “Project Authorizations”.

In the dialog area “Employee” use the “Add” button to search for yourself. Select “own” and use “Apply and Close”.

By using the “Search” button, all your project rights will be displayed in the lower area of the dialog.

Now you can check if you have the necessary rights or if you have to request permission for highly sensitive data.

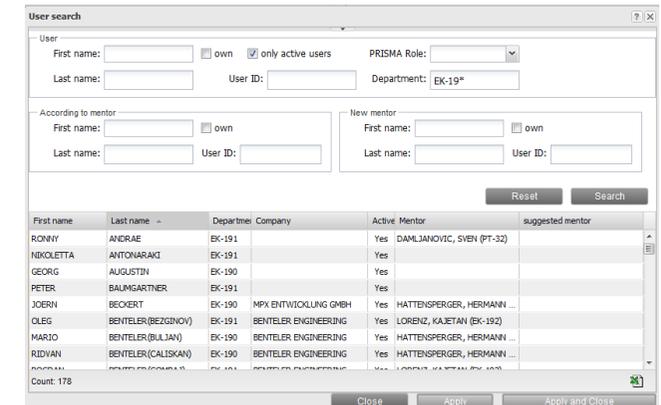


The result list can be filtered by adding a project to the upper left area of the dialog or selecting rights in the upper right area. The search always uses only the selected rows in the areas “Project”, “Employee” and “Right” for creating the result list.

Some examples:

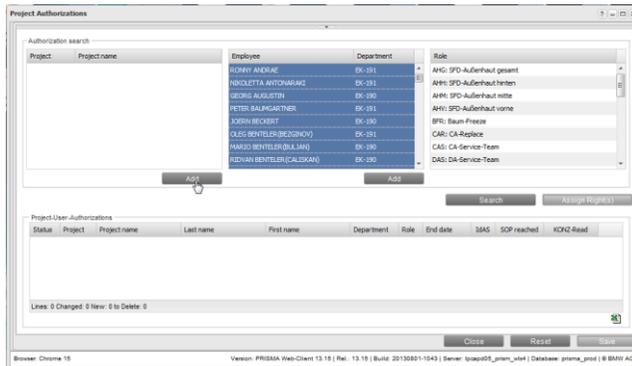
#### a. project authorizations within a department:

By inserting a department code (possibly with wildcard) you will get all project rights for all users of this department (internal and external staff):



**b) project authorizations for one vehicle project within a department**

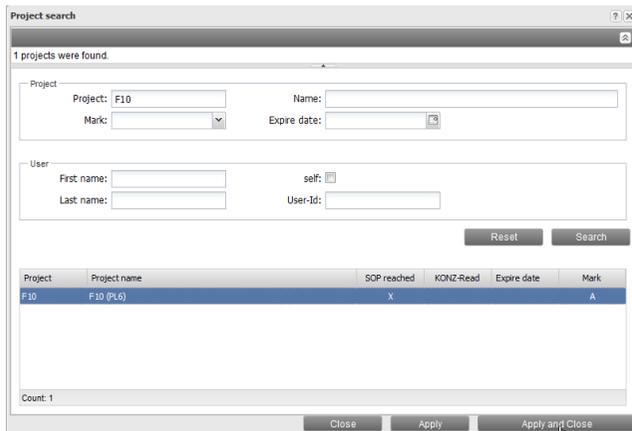
For this method you must additionally insert a project: In the area "Project" select "Add".



Now the window "Project search" will appear.

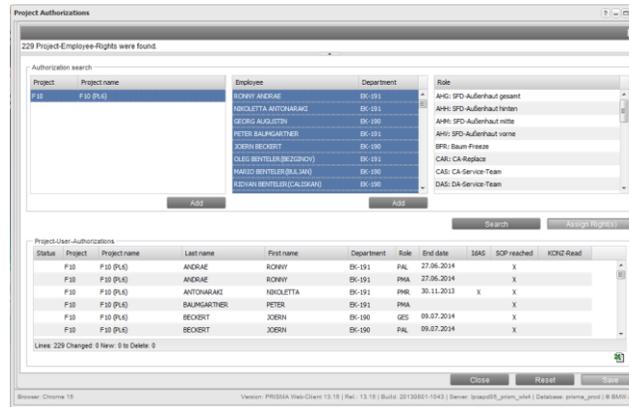
Insert the project name and start the search.

A line with the project name will appear. Select the line and press "Apply and Close".



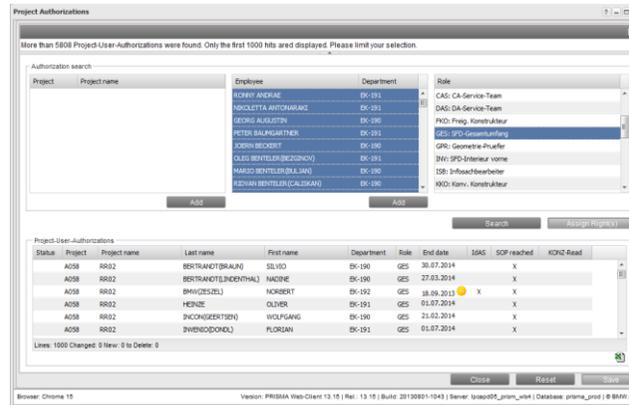
The project appears in the window „Project“.

By selecting "Search" the project rights will appear for the selected criteria, in this case F10 and EK19\*.



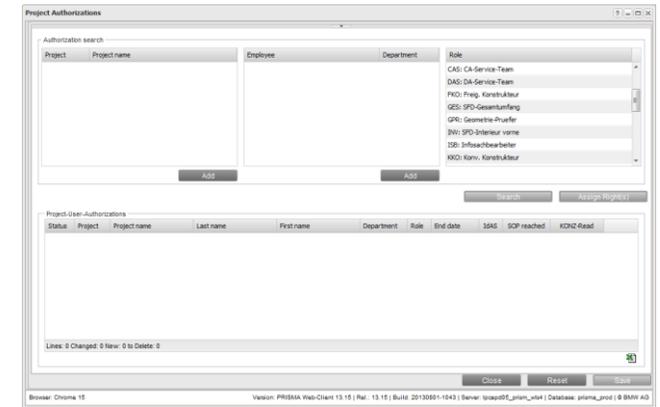
**c) Which user in a department has a defined project right?**

In the window „Project Authorization“ select "Add" in the area "Employee". Search for "EK-19\*", select all search results and press "Apply and Close". Select the right you want to search for, in this case the right "GES". Start the search:



**d) Check project rights by name or user ID**

Open the dialog "Project Authorization" (see description above).



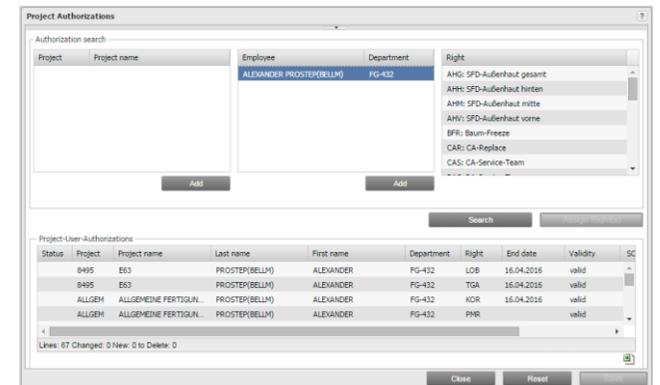
Select „Add“ in the area "Employee":

Now the window „User search“ appears. There you can insert user name or user ID.

As a result you get a list of users matching the search criteria. Select the desired lines and press "Apply and Close".

The users are now added to the "Project Authorization" dialog.

If you start the search, the list of project rights for the selected user is displayed:



Each SFD-right / project combination is displayed in an extra line.

## How to request SFD permissions

### How to do it right:

- SFD rights are only necessary for projects before “start of production”
- For internal staff SFD rights in PRISMA are managed as personal right (e. g. AHV)
- For external staff SFD rights are managed as project rights (e. g. G26 AHV)
- Requests can be created in the dialogs “Project Authorization” and “Personal Authorizations” by the corresponding selection in the upper areas of the dialogs and using the “Assign Right(s)” button. To confirm your request please use the “Save” button.
- Requests can be created by the user himself or PRISMA VOBs