

Nuclet: Expense report (not yet available)

Language: [Deutsch](#) · [English](#)

Nuclet: Expense report (not yet available)

Data sheet and documentation entry point for the Expense report Nuclet (capturing and approving travel expense reports).

CONCEPT INTEGRATORS UPDATED: JUL 2026 APPLIES TO NUCLOS 4.2026.X

On this page

- Releases
- Overview
- Dependencies / prerequisites
- Integration
- Related pages

 Machine-translated – under review

This page was machine-translated from German as a first draft and is currently under review. The authoritative source remains the **German original** (see the language switch above).

- Nuclet: Expense report (not yet available)
 - Releases
 - Overview
 - Dependencies / prerequisites
 - Integration
 - Related pages
 - Supporting Nuclets
 - Nuclet Wiki

Releases

Version	Date	Notes	Compatibility
1.0.0	28.06.2019	First published version	From 3.34.0

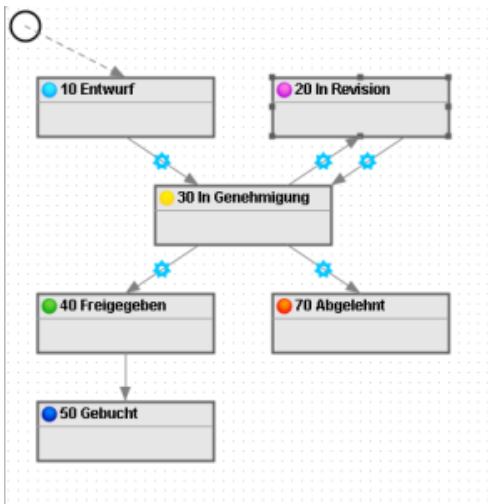
Overview

With the Nuclet **Spesenabrechnung** reimbursements for business trips or other expenses can be requested and approved.

The reimbursement amount is calculated automatically based on the distance travelled, meal allowances (including any deductions) and further - manually entered - receipts.

The approval process runs via a status model. On a status change, the person who handles the next step is informed by email (optional).

The approval is always carried out by the supervisor entered in the employee record.



Dependencies / prerequisites

In order to use the expense report Nuclet, it is necessary that the following Nuclets already exist in the system before installation:

Number ranges
Emailversand

Integration

The integration after a successful Nuclet import (see [Nuclet import](#)) is to be carried out as follows.

Step	Description	Example																														
1 - Integration points	Usually every project has a Nuclet in which most of the functionality is located ([haupt-Nuclet]). For the expense report Nuclet to function correctly, it must be connected to this one. For this purpose, two integration points are set up, to which the corresponding objects of the [haupt-Nuclet] must be connected.	Integrationpunkt Nuclet: org.nuclet.spesenabrechnung Name: Mitarbeiter Nur lesen?: ☐ Optional?: ☐ Mit Statusmodell?: ☐ Ziel Nuclet: org.nuclet.dummy Ziel Businessobjekt: Mitarbeiter View Name: Fehler?: ☐ Readme URL: Hinweis zur Integration: <table> <thead> <tr> <th>Attribute (1)</th><th>Fehler (0)</th><th>Verwendungen (2)</th></tr> <tr> <th>Name</th><th>Datenotyp</th><th>Feldbreite</th></tr> </thead> <tbody> <tr> <td>Nachname</td><td>java.lang.String</td><td>255</td></tr> <tr> <td>Vorname</td><td>java.lang.String</td><td>255</td></tr> <tr> <td>Benutzer</td><td>java.lang.String</td><td>255</td></tr> <tr> <td>Vorgesetzter</td><td>java.lang.String</td><td>255</td></tr> <tr> <td>Email</td><td>java.lang.String</td><td>255</td></tr> </tbody> </table> Integrationpunkt Nuclet: org.nuclet.spesenabrechnung Name: Land Nur lesen?: ☐ Optional?: ☐ Mit Statusmodell?: ☐ Ziel Nuclet: org.nuclet.dummy Ziel Businessobjekt: Land View Name: Fehler?: ☐ Readme URL: Hinweis zur Integration: <table> <thead> <tr> <th>Attribute (1)</th><th>Fehler (0)</th><th>Verwendungen (2)</th></tr> <tr> <th>Name</th><th>Datenotyp</th><th>Feldbreite</th></tr> </thead> <tbody> <tr> <td>Name</td><td>java.lang.String</td><td>255</td></tr> </tbody> </table>	Attribute (1)	Fehler (0)	Verwendungen (2)	Name	Datenotyp	Feldbreite	Nachname	java.lang.String	255	Vorname	java.lang.String	255	Benutzer	java.lang.String	255	Vorgesetzter	java.lang.String	255	Email	java.lang.String	255	Attribute (1)	Fehler (0)	Verwendungen (2)	Name	Datenotyp	Feldbreite	Name	java.lang.String	255
Attribute (1)	Fehler (0)	Verwendungen (2)																														
Name	Datenotyp	Feldbreite																														
Nachname	java.lang.String	255																														
Vorname	java.lang.String	255																														
Benutzer	java.lang.String	255																														
Vorgesetzter	java.lang.String	255																														
Email	java.lang.String	255																														
Attribute (1)	Fehler (0)	Verwendungen (2)																														
Name	Datenotyp	Feldbreite																														
Name	java.lang.String	255																														

Therefore, in the **[haupt-Nuclet]** there must be two BOs in which data for *Empl oyees* and *Co untry* are stored.

The BO for *E mployees* must have equivalents for the following columns:

- First name
- Last name
- E-Mail
- User (reference to nuclos-user)
- Supervisor (reference to *Empl oyees* itself)

The BO for *Co untry* must have an equivalent for the following column:

- Name

Navigate to Configuration Integration points and configure these (see also link).

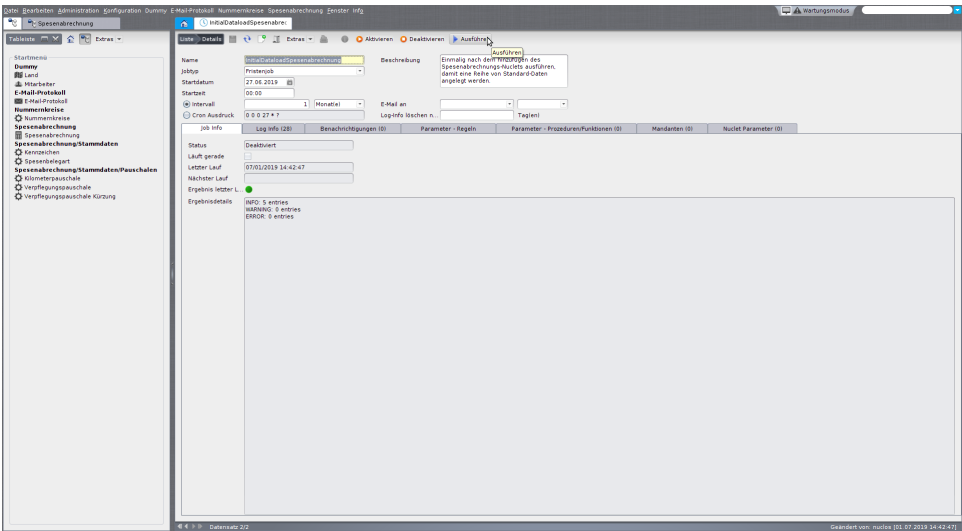
2 - Preset for Germany (optional)

In your previously connected Country-BO an entry "Deutschland" or "Germany".

Navigate to Administration Job control and run the job InitialData loadSpesena brechnung .

The tables Kilometerpauschale, Verpflegungspauschale and Verpflegungspauschale Reduction should now have a number of entries.

If your Country - BO had no entry for "Deutschland" or "Germany", you must, for the newly generated entries of the table, Verpflegungspauschale still add the country.



3 -
Create
numbe
r
range

Now
configure the
Nummernkreis
for the
expense
report BO.

To do this, in
the BO *Numb
er ranges*
create a new
entry that
stores the
corresponding
settings.

Make sure
that under Co
nfiguration R
egelwerke Ge
nerische
Implementieru
ng there is an
entry for the
expense
report object,
so that it
implements
the generic
object *Numme
rierbar* is
implemented.

Make sure
that under the
BO *Spesenab
rechnung*
under Configu
ration Server
rule manager
the insert rule
**GeneriereNu
mmer** is
assigned.

[Weitere Infos
zu Nuclet:
Nummernkrei
se](#)

The screenshot shows the 'Details' view for the 'Spesenabrechnung' (Expense Report) business object. The 'Name des Businessobjektes' is 'Spesenabrechnung'. The 'Präfix' is 'SPA' with a note '(Beispiel: PO{yyyymm})'. Below this, it states: 'Ein Präfix kann aus statischen Strings und aus Datumsanteilen bestehen. Folgende Datumsanteile (anzugeben in geschweiften Klammern) werden unterstützt: yyyy, yyyymm, mmyyyy, yyyyMMdd, yyyyddmm, ddmmyyyy, mmdyyyyy, mm, mmd, ddmm, yymm, mmyy, dd, mm, yy'. The 'Stellenanzahl' (Number of digits) is set to 3, and the 'Nächster Wert' (Next value) is set to 9.

This screenshot shows the 'Details' view for 'Spesenabrechnung' with a focus on attribute mapping. The 'Generisches Businessobjekt' (Generic Business Object) is 'Nummerierbar' (Numberable), and the 'Implementierendes Businessobjekt' (Implementing Business Object) is 'Spesenabrechnung'. Under the 'Attribute (1)' section, there is a table with two columns: 'Generisches Attribut' (Generic Attribute) and 'Zugeordnetes Attribut' (Assigned Attribute). The row shows 'nummer' mapped to 'nummer'.

The screenshot shows the 'Server Regelmanager' (Server Rule Manager) interface. The left pane shows a tree view of rules, with 'Spesenabrechnung' selected. The right pane shows the details of the 'Spesenabrechnung' rule, including its name, status, and a list of associated rules.

4 -
Configure
email
Nuclet

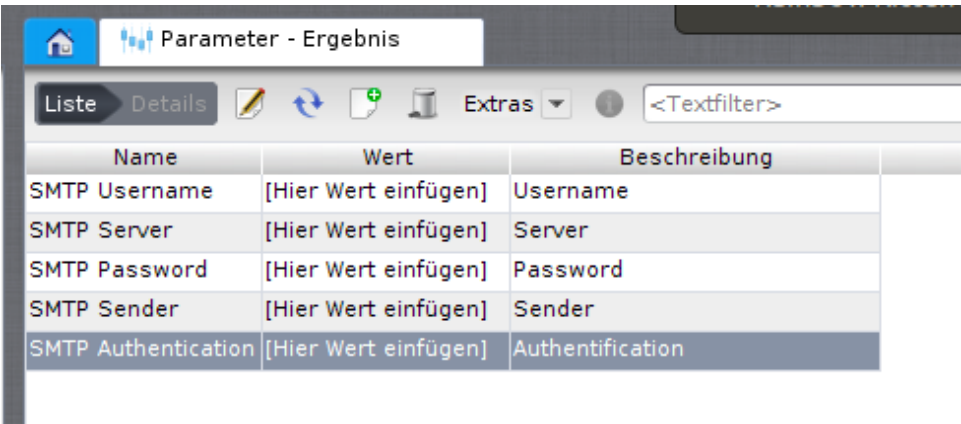
Configure the E-Mail-Versand Nuclet if you are using it for the first time.

For this purpose, refer to the wiki article [Nuclet: Email sending](#).

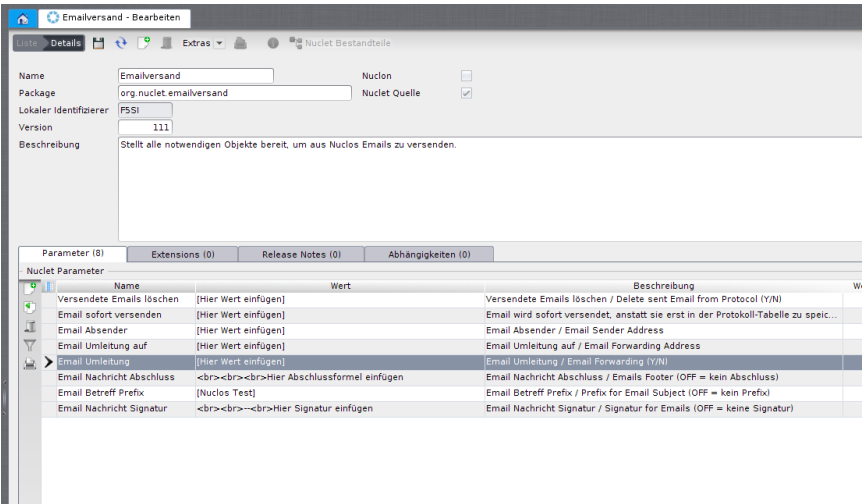
If you wish, you can use the Nuclet parameter (of the expense report Nuclet!) **Email sAktiv** to switch off all email notifications.

In this case, you also do not need to configure the E-Mail-Versand Nuclet any further.

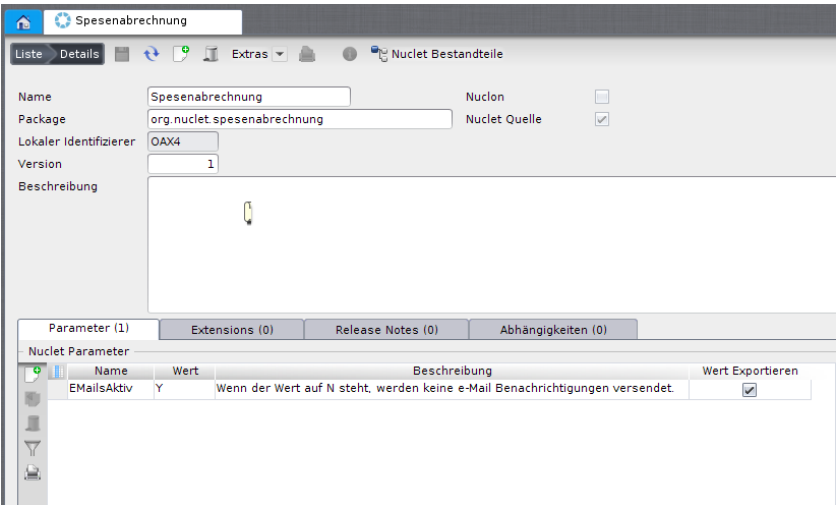
⚠ Please note, however, that the existence of the E-Mail-Versand Nuclet is still a prerequisite for the expense report Nuclet to work.



Name	Wert	Beschreibung
SMTP Username	[Hier Wert einfügen]	Username
SMTP Server	[Hier Wert einfügen]	Server
SMTP Password	[Hier Wert einfügen]	Password
SMTP Sender	[Hier Wert einfügen]	Sender
SMTP Authentication	[Hier Wert einfügen]	Authentification



Name	Wert	Beschreibung
Versendete Emails löschen	[Hier Wert einfügen]	Versendete Emails löschen / Delete sent Email from Protocol (Y/N)
Email sofort versenden	[Hier Wert einfügen]	Email wird sofort versendet, anstatt sie erst in der Protokoll-Tabelle zu speic...
Email Absender	[Hier Wert einfügen]	Email Absender / Email Sender Address
Email Umleitung auf	[Hier Wert einfügen]	Email Umleitung auf / Email Forwarding Address
Email Umleitung	[Hier Wert einfügen]	Email Umleitung / Email Forwarding (Y/N)
Email Nachricht Abschluss	 [Hier Abschlussformel einfügen]	Email Nachricht Abschluss / Emails Footer (OFF = kein Abschluss)
Email Betreff Prefix	[Nuclos Test]	Email Betreff Prefix / Prefix for Email Subject (OFF = kein Prefix)
Email Nachricht Signatur	 [Hier Signatur einfügen]	Email Nachricht Signatur / Signatur for Emails (OFF = keine Signatur)



Name	Wert	Beschreibung	Wert Exportieren
EmailsAktiv	Y	Wenn der Wert auf N steht, werden keine e-Mail Benachrichtigungen versendet.	☒

5 - Create master data

Fill the master data tables according to your requirements.

If you have carried out step 2, the tables *Kilomet erpauschale*, *Verpflegungsp auschale* and *Verpflegungsp auschale Red uction* are preset with Germany-specific values. Also note that different meal allowances may apply for business trips abroad - these must be added manually.

In the table *Ke nnzeichen* you can manage the number plates of the vehicles used.

In the table *Sp esenbelegart* you can create types of expense receipts and determine whether they are billable.

⚠ Do not forget to check the master data before use - the reimbursemen t amounts of the expense reports are calculated based on the values entered here.

The Nuclet is now integrated and can be used!

Kennzeichen
ASD125
F425RR
BQ234F
BTSA2A

Spesenbelegart - Ergebnis	
Liste	Details
Name	Abrechenbar?
Hotel / Übernachtung	☒
Büromaterial	☒
Mietwagen	☐
Kraftstoffe	☒
Hotel, bezahlt durch Unternehmen	☐

Related pages

Supporting Nuclets

Back to Supporting Nuclets

[Open](#)

Nuclet Wiki

Nuclet Wiki home

[Open](#)

