



COOL Days 2022 – Technical Day

EGroupware and COOL Integration

Business Day



Collabora Online



EGroupware

SMART ONLINE OFFICE

EGroupware Smart Online Office



EGroupware
SMART ONLINE OFFICE

Smart Online Office

- **Smart** : Intelligent linking of information
- **Online** : Web application usable on all platforms
- **Office** : **(Almost) complete office in the web browser**

With integration of Collabora Online ...

EGroupware & Collabora Online



- **EGroupware GmbH (Kaiserslautern, Germany)**
- Service provider & software development company since 1996
- EGroupware is available in the cloud or on-premis since 2000
- **Reseller for Collabora Online Licences**
- **Collabora Online as SaaS (Hosting)**
- Usable also with other Cloud solutions: e.g. Nextcloud, Moodle ...

Collaboration in EGroupware



Email



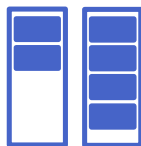
Contacts



Calendar



Filemanager /
Filesharing



Kanban



Tasks / CRM



Project Manager



Ticket system



working times
& support, projects

Integrations in EGroupware



Office
(Collabora
Online)



Chat
(Rocket.Chat)



CTI/Telephony



Video conference
(Jitsi)



Remote Desktop
(Guacamole)



Discourse
(OpenIDConnect)



Video conference
(BBB)



Wiki.js
(OpenIDConnect)

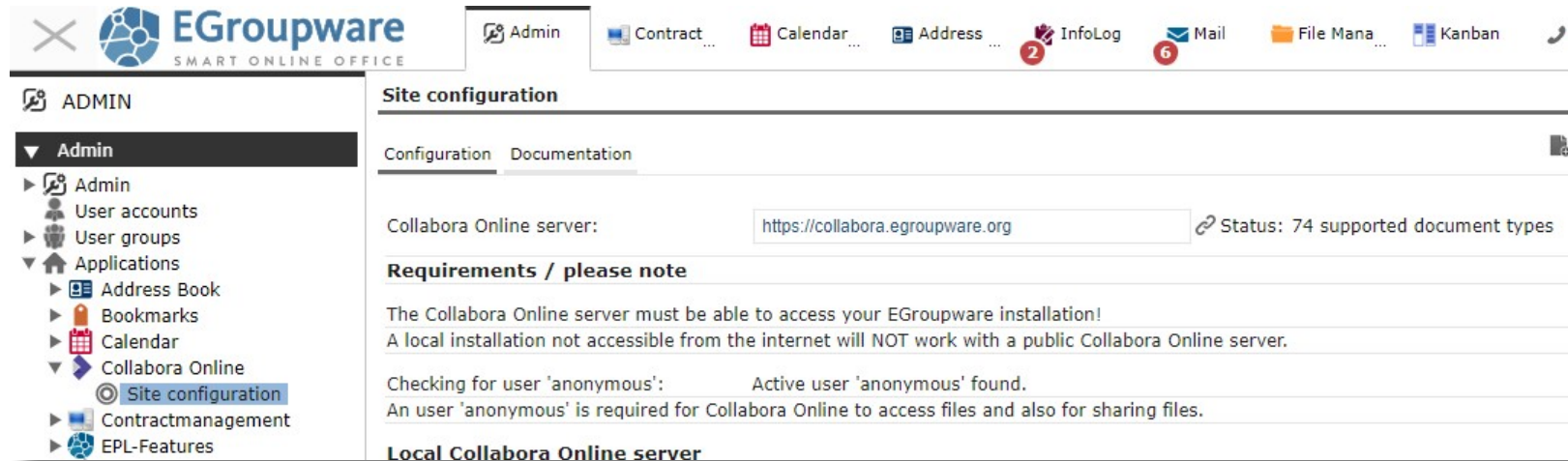
**REST-APIs, CalDAV,
CardDAV, WebDAV**

Installation/Integration COOL



Integration

- COOL is **automatically configured** in a standard EGroupware installation.
- Any COOL instances can be integrated into EGroupware:



Installation/Integration



(User) Configuration

Which file types are opened with COOL?

What happens to filled documents?

COOL or download?

User interface?

File Manager

⚙️ ▼

Your preferences

General settings

Collabora Online

Excludes selected MIME-types
Default: CSV file (text/csv), CSV

Select Some Options

Merge print open handler
Default: Collabora Online

Use default ▼

Default action on double-click
Default: open documents with Collabora, if permissions are given

Use default ▼

Standard Toolbar
Default: Tabbed

Use default ▼

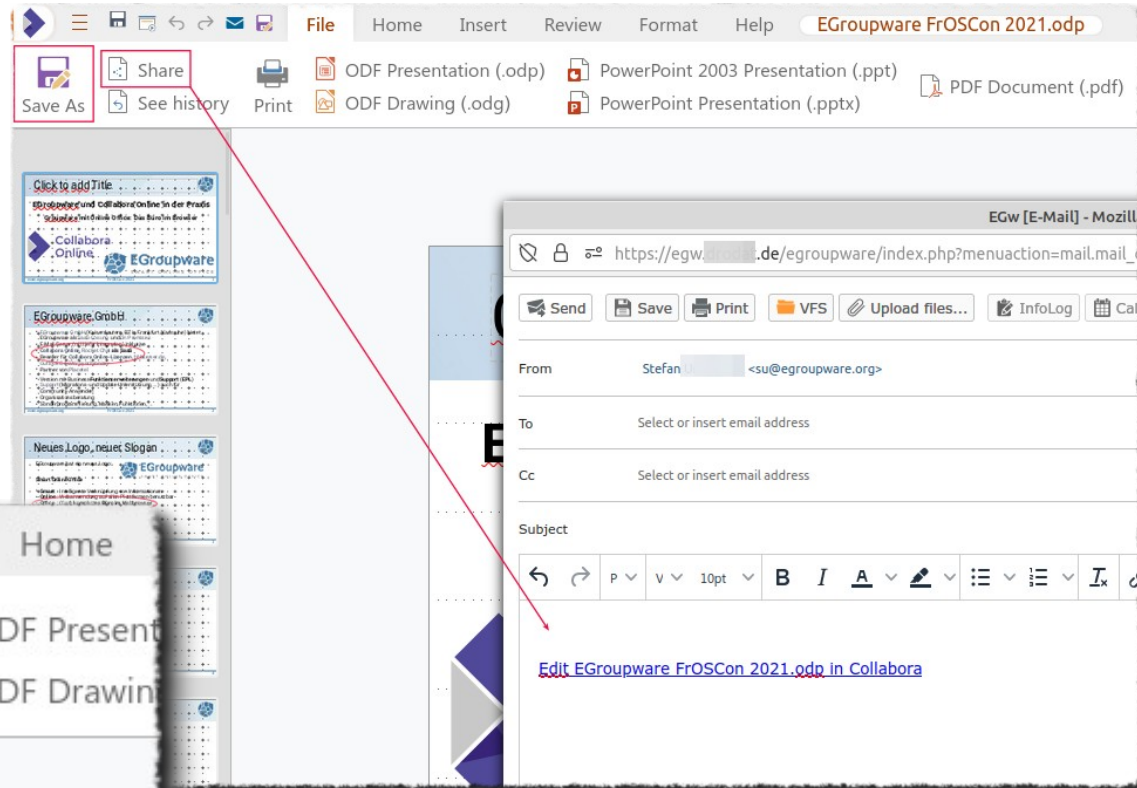
COOL in Filemanager/Filesharing



Filesharing

Save as...

Send file
by e-mail



EGroupware Filemanager



- **EGroupware acts as a file server:**
Can mount directories via SMB, WebDAV(...) in EGroupware.
This includes for example also Nextcloud shares, if customers are using EGroupware and Nextcloud.
- EGroupware (EPL) supports versioning and deletion protection

Prozentual	13.4%	37.7%
------------	-------	-------

Mountpoints		Versionierung	Mount
Pfad	Backend URL		
/	sqlfs://\$host/		
/apps	stylite.links://default/apps		
/templates	stylite.merge://default/templates?merge=stylite/printtemplates&lang=1		Unmount
/etemplates	stylite.merge://default/etemplates?merge=.&lang=0&level=1&extension=xet&url=egw		Unmount
/home/EGroupware	stylite.versioning://default/home/EGroupware	Ausschalten	Unmount
/home/outdoor/daten	filesystem://default/var/lib/egroupware/pole.egroupware.org/daten?group=EGroupware&mode=070		Unmount
/home/hadi/versioned	stylite.versioning://default/home/hadi/versioned	Ausschalten	Unmount

Protokolle

- WebDAVs: mounten von EGroupware oder *Cloud Freigaben
- SMB: mounten von Freigaben eines Samba oder Windows Dateiservern
- Versionierung: Versionierung benötigt EGroupware EPL
- Dateisystem: mounted Verzeichnisse (innerhalb von /var/lib/egroupware) vom Dateisystem des Hosts

/Nextcloud	WebDAVs	://	nextcloud_user	:	*****	@	MyNextcloudServer	remote.php/dav/files/nextcloud_user	Einschalten	Mount
------------	---------	-----	----------------	---	-------	---	-------------------	-------------------------------------	-------------	-------

Wer soll gelöschte Dateien oder ältere Versionen endgültig löschen dürfen: Administratoren ▼

Power of EGroupware



- Every EGroupware data can be used in Office documents
- Create Templates with placeholders in COOL
- Merge EGroupware data (e.g. Contact Emailaddress) into the template
- Insert easily contact data directly in Office documents

Power of EGroupware



Template usage from different applications: Adressbook, Kanban, CRM

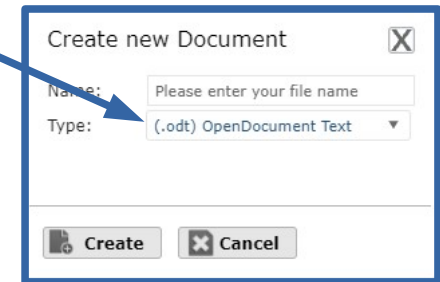
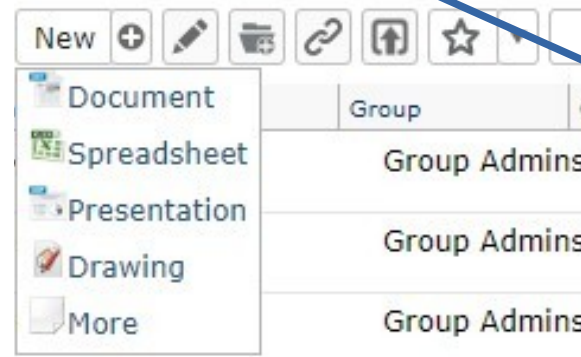
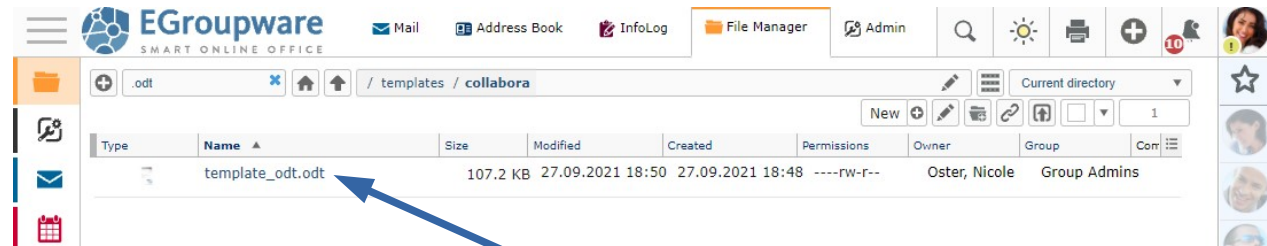
The image displays a collage of EGroupware application interfaces, demonstrating template usage across different modules:

- Addressbook:** Shows a list of contacts with details for 'Zagorec, Jelena', 'Yudin, Mayor', 'Young, Arlo', 'Yershova, Guzel', and 'Yegorov, Ilva'. A context menu is open over the list, showing options like 'GeoLocation', 'Share', 'Export', 'Insert in document', 'Mail VCard', and 'Delete'. Another context menu is open over a contact entry, showing options like 'ODT file (application/vnd.oasis.opendocument.text)', 'EML file (message/rfc822)', and 'ODS file (application/vnd.oasis.opendocument.spreadsheet)'.
- Kanban:** Shows a Kanban board with columns for 'A-Kunden', 'Kontakt steht an', 'Nachbearbeitung', and 'Termin vereinbart'. A context menu is open over a card, showing options like 'Edit', 'View in list', 'CRM-View', 'Time Sheet', 'File Manager', 'InfoLog', 'Insert in document', and 'Delete'.
- CRM:** Shows a CRM view for 'SAGEBRUSH: ACRON, ISAC' with contact details and a 'Service offer ecloud' entry. A context menu is open over the entry, showing options like 'Open', 'Copy', 'X', 'Print', 'File Manager', 'Schedule appointment', 'Time Sheet', 'Supportcenter', 'Kanban', and 'Insert in document'.

Power of EGroupware



- Store and use templates in filemanager
- Users or groups can use own templates
- For Collabora online define your default template with e.g. fonts, logo ... and store it in */templates/collabora*



SDK conversion API integration



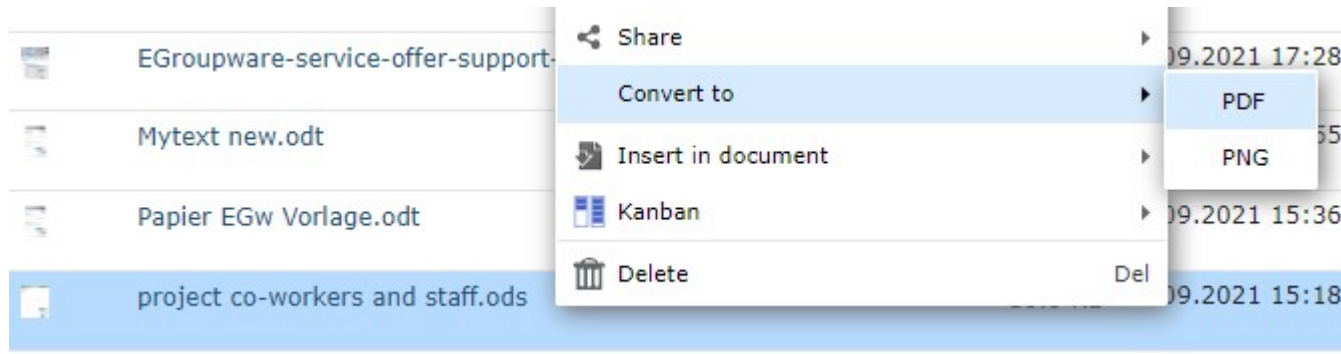
The screenshot shows a contact list on the left with names like Walker, Paul, Walczak, Natasza, Walczak, Jolanta, Walczak, Hanna, Wagenaar, Hylke, and Waechter, Uwe. A context menu is open over the contact list, showing options like File Manager, Kanban, GeoLocation, Share, Export, Insert in document, Mail VCard, and Delete. The 'Insert in document' option is highlighted, and a sub-menu is open showing 'As PDF' (checked), 'EGroupware_Order_confirmation.eml', 'ODT file (application/vnd.oasis.opendocument.text)', 'EML file (message/rfc822)', and 'ODS file (application/vnd.oasis.opendocument.spreadsheet)'. The 'As PDF' option is circled in red.

Merge template directly as pdf

- rename file or save as ...
- email pdf to customer

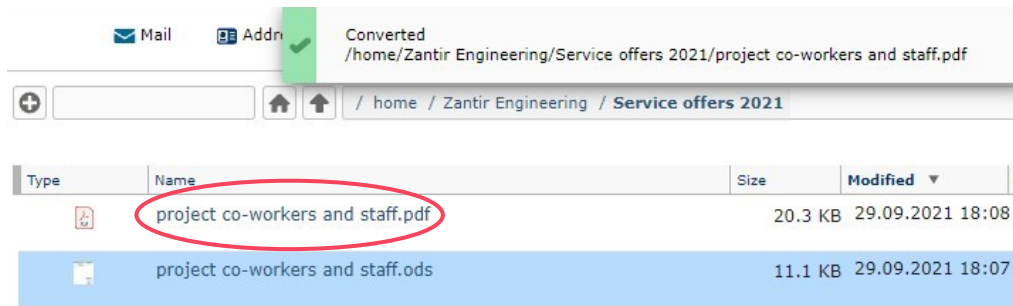
The screenshot shows the EGroupware interface with a document viewer on the left and a service offer template on the right. The document viewer shows a PDF document. The service offer template is titled 'Service offer - EGroupware Enterprise Line (EPL)' and includes a 'Support budget' section. The template features a blue header with the EGroupware logo and a list of icons representing various services. The 'Magna Solution Natasza Walczak' logo is circled in red in the bottom right corner.

SDK conversion API integration



Use conversion API to convert document

- convert to pdf or png
- email or share it to customer



Power of EGroupware - COOL



EGroupware GmbH | Leibnizstraße 17 | D-676

Zantir Engineering
Administrator Systems
Seestraße 89
10115 Berlin

Insert address

Address Book

Business address
Home address
Name, email, phone

Select entry

Zantir Engineering: Systems, Administrator

Zantir Engineering
Administrator Systems
Seestraße 89
10115 Berlin

Insert Cancel

Contact details:
Administrator Systems
sysop@tutorial.egroupware.net
+49 (221) 99980569

Insert address

Address Book

Business address
Home address
Name, email, phone

Select entry

Zantir Engineering: Systems, Administrator

Administrator Systems
sysop@tutorial.egroupware.net
+49 (221) 99980569

Insert Cancel

Power of EGroupware - Placeholders



Contact fields:

{{id}}	Contact ID
{{private}}	Private
{{categories}}	Category path
{{n_given}}	First name
{{n_family}}	Last name
{{n_fn}}	Full name
{{bday}}	Birthday
{{org_name}}	Organisation
{{title}}	Job title
{{assistent}}	Assistant
{{adr_one_street}}	Business street
{{adr_one_locality}}	Business city
{{adr_one_postalcode}}	Business postal code
{{adr_one_countrycode}}	Business country code
{{adr_two_street2}}	Address line 2 (private)
{{adr_two_region}}	State (private)
{{adr_two_countryname}}	Country (private)
{{tel_work}}	Work phone

General fields:

{{link}}	HTML link to the current record
{{links}}	Titles of any entries linked to the current record, excluding attached files
{{attachments}}	List of files linked to the current record
{{links_attachments}}	Links and attached files
{{links/[appname]}}	Links to specified application. Example: {{links/infolog}}
{{date}}	Date
{{user/n_fn}}	Name of current user, all other contact fields are valid too.
{{user/account_id}}	Username
{{pagerepeat}}	Use this tag for serial letter. Place the content you want to repeat between two tags.
{{label}}	Use this tag for address labels. Place the content you want to repeat between two tags.
{{labelplacement}}	Tag to mark positions for address labels
{{IF fieldname}}	Example {{IF n_prefix~Mr~Hello Mr.~Hello Ms.}} - search the field "n_prefix", for "Mr", write Hello Mr., else write Hello Ms.
{{NELF}}	Example {{NELF role}} - if field role is not empty, you will get a new line with the value of the field role.
{{NENVLF}}	Example {{nenvlf role}} - if field role is not empty, set a LF without any value of the field role.
{{LETTERPREFIX}}	Example {{LETTERPREFIX}} - Gives a letter prefix without double spaces, if the title is empty, example
{{LETTERPREFIXCUSTOM}}	Example {{LETTERPREFIXCUSTOM n_prefix title n_family}} - Example: Mr Dr. James Miller

Custom fields:

{{#XING}}	XING
{{#GULP}}	GULP
{{#LinkedIn}}	LinkedIn
{{#Facebook}}	Facebook
{{#twitter}}	Twitter
{{#jabber}}	Jabber
{{#Nachpflegeinfo}}	Nachpflege Info
{{#Nickname}}	Nickname EGroupware

Public sharing URL

Power of EGroupware - Placeholders



Example from project management with link to contact and all attachments of the project

The screenshot displays the EGroupware Project Management interface. The top part shows a form with various fields and their corresponding placeholders. The bottom part shows a preview of the filled form, highlighting the 'Files' section which lists all project attachments.

Form Fields and Placeholders:

PROJect details			
Project- number	{{pm_number}}	Category	{{#Projekttyp}}
Title	{{pm_title}}		
Customer	{{#Aktuell}}		
Location	{{#Bauort/org_name}} {{#Bauort/adr_one_street}} {{#Bauort/adr_one_postalcode}} {{#Bauort/adr_one_city}} {{#Bauort/tel_work}}		
Coordinator	{{#Coordinator}}		
Projectmembers	{{#Projectmember}}		
Notes	{{pm_description}}		
Files	{{attachments}}		

Preview of Filled Form:

PROJect details	
Project- number	P-2021-0003
Category	Industrie- und Anlagenbau
Title	construction site Afterthoughts - Affinity Investment Group
Customer	Afterthoughts: Kaczmarek, Slawomira
Location	Affinity Investment Group Skjelvaenget 3 1412 Phone: 40-34-38-48
Coordinator	Hoffmann, Scott, F
Projectmembers	Group Facility Management
Notes	
Files	Documents/Contract/Contract customer.odt Documents/Contract/Contract Metal worker.odt Documents/Contract/Insurance validation.pdf Documents/Correspondence/Cover letter to the offer.odt Documents/Correspondence/Potential developers.odt Documents/Plans/first level.pdf Documents/Plans/Floor plan.pdf Documents/Plans/Ground floor.pdf Documents/Statics/Statics.odt Documents/Statics/Structural analysis explanation.odt Documents/Statics/Test statics.odt

Power of EGroupware - Placeholders



Project manager spreadsheets / reports

The screenshot shows the EGroupware spreadsheet interface. The title bar indicates the file is 'project co-workers and st...'. The ribbon includes tabs for File, Home, Insert, Layout, Data, Review, Format, and Help. The Home tab is active, showing options for font (Liberation Sans, size 10), bold, italic, underline, and text color. The formula bar shows 'J1' and 'Mitarbeiter Entwurf Strasse'. The spreadsheet has columns A through I, each with a dropdown menu. The data rows contain placeholders for project information.

	A	B	C	D	E	F	G	H	I
1	Project numbr	Title	Draft Organisation	Draft city	Draft street	Draft phone	Draft email	Draft staff	Draft Staff City
2	{{pagerepeat}}	{{pm_title}}	{{#Entwurf/org_name}}	{{#Entwurf/adr_one po}}	{{#Entwurf/adr_one street}}	{{#Entwurf/tel_work}}	{{#Entwurf/email}}	{{#Entwurf-MA/n_fn}}	{{#Entwurf-MA/adr_one}}
3	{{pagerepeat}}								
4									

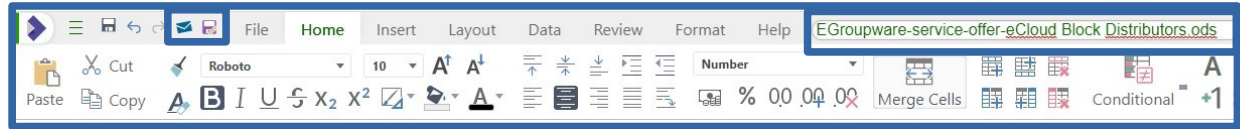
The screenshot shows the same EGroupware spreadsheet with data entered. The data rows are filled with project information, including project numbers, titles, organizations, cities, streets, phone numbers, email addresses, staff names, and cities.

	A	B	C	D	E	F	G	H	I
1	Project numbr	Title	Draft Organisation	Draft city	Draft street	Draft phone	Draft email	Draft staff	Draft Staff City
2	P-2021-0001	Widdmann - Ausbau Infrastruktur	Aaronson Furniture	6662 Tavniny	Rue des Campanules 343	0495 99 58 65	KilianSchuitema@superrito.com	Scott, F Hoffmann	10115 Berlin
3		construction site Afterthoughts - Affinity Investment Group	Modern Realty	93133 Burglengenfeld	Luebecker Strasse 76	09471 79 00 43	RobertMaur@gustr.com	Ruben, E Adams	10115 Berlin
4	P-2021-0003								

Power of EGroupware



Service offer example:



Service offer - EGroupware Enterprise Line (EPL)										
EGroupware Cloud, Managed Cloud Computing Center										
1 Solution Package EGroupware eCloud										
1	eCloud base package					package price	199,00 / year			
	> including 2 ccu (concurrent users)									
	> including 20 GB storage									
13	additional ccu					sum ccu	468,00 € / year			
	> base price ccu / year					45,00 €				
	> volume discount additional ccu									
	6-9 ccu → 10%									
	10-19 ccu → 20%									
	20-49 ccu → 30%									
	50-99 ccu → 40%									
	volume discount						117,00 € / year			
20	Collabora licenses						340,00 € / year			
	> price per user license						17,00 € / year			
1	usage Rocket Chat						300,00 € / year			
	> Rocket Chat Instance up to 20 users (fair use)						300,00 € / year			
50	GByte additional storage						225,00 € / year			
	> price per 10 GByte (up to 100GB)						45,00 € / year			
	> price per 10 GByte (more than 100GB)						39,00 € / year			
1	Year(s) Contract Period						0,00 € / year			
	> Multi year discount						1.532,00 €			
	2 years → 3%						0,00 €			
	3 years → 8%						0,00 €			
	price offer total						1.532,00 € / 1 year(s)			
2	Beauftragung									

Service offer - EGroupware Enterprise Line (EPL)										
EGroupware Cloud, Managed Cloud Computing Center										
1 Solution Package EGroupware eCloud										
1	eCloud base package					package price	199,00 / year			
	> including 2 ccu (concurrent users)									
	> including 20 GB storage									
13	additional ccu					sum ccu	468,00 € / year			
	> base price ccu / year					45,00 €				
	> volume discount additional ccu									
	6-9 ccu → 10%									
	10-19 ccu → 20%									
	20-49 ccu → 30%									
	50-99 ccu → 40%									
	volume discount						117,00 € / year			
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1	Year(s) Contract Period						0,00 € / year			
	> Multi year discount						1.532,00 €			
	2 years → 3%						0,00 €			
	3 years → 8%						0,00 €			
	price offer total						1.532,00 € / 1 year(s)			
2	Beauftragung									

Power of EGroupware



InfoLog – Invoice example:

EGroupware SMART ONLINE OFFICE

Admin Contractmanagement Kalender Adressbuch InfoLog E-Mail Daten

All categories No filter Details

Rechnung Status Completed

Address Book Search

Priority Creation Last changed

infolog-edit: RE-2021-192 ESRF - Google Chrome

pole.egroupware.org/egroupware/index.php?menuaction=infolog.infolog_ui.edit&info_id=102874

Title RE-2021-192 #102874

Type Rechnung Start date 04.08.2021 00:00

Contact EGroupware GmbH Becker, Birgit Due date

Description Details Links Project Manager Custom fields History

Auftragstext Your purchase order no. 1012786

Rechnungsnummer (Spezial CF) RE-2021-192

Rechnungsdatum (Spezial CF) 04.08.2021

Steuerbasis (Druck) EU

Leistungszeitraum von 05.08.2021

Leistungszeitraum bis 04.08.2022

Zahlungsbedingung (aus Organisation) 30 days net

Belegtext (Texte sind anzupassen) Der Leistungsempfänger ist Schuldner der Umsatzsteuer gem. §13b UStG - The service recip

Menge 1

Produkt 1 EPL-Universal

Status bezahlt bezahlt Completed 100%

Owner Ingo Kreißelmeyer 04.08.2021 11:52 Last modified Ingo Kreißelmeyer 07.09.2021 09:18

Save Apply Cancel Actions... Do not notify Delete

EGroupware SMART ONLINE OFFICE

EGroupware GmbH · Leibnizstrasse 17 · 67663 Kaiserslautern

Rechnung {{#Rechnungsnummer}}
{{#Auftragstext}}
Leistungszeitraum: bis {{#Leistungszeitraum}}

Menge	Beschreibung	Einzelpreis €
{{#Menge1}}	{{#Produkttext1}}	{{#Einzelpreis1}}

Betrag (netto)
Steuer {{#Steuer1}}
Betrag (brutto)

EGroupware SMART ONLINE OFFICE

EGroupware GmbH · Leibnizstrasse 17 · 67663 Kaiserslautern · Germany

Testcompany
Service Comptabilité
CS 56576876
Grenoble Cedex, 38043
France

customer number	20092
VAT ID	FRhghfgg55656
date	08/04/2021
terms of payment	30 days net
due	09/03/2021

Invoice RE-2021-192
Your purchase order no. 1012786
service period 08/05/2021 till 08/04/2022

quantity	description	unit price €	tax rate	value €
21	1.00 EGroupware Installation Package EPL Universal License Number of user accounts unlimited Contract duration: 1 year, no automatic renewal	4450.00	0%	4450.00 €
22				
23				
24				
25				
	net value			4,450.00 €
	tax 0%			0.00 €
	total value			4,450.00 €

Case study – EGroupware GmbH



InfoLog – Invoice reports testmonth example:

File Edit View Insert Format Sheet Data Tools Help Last modification: 9 minutes ago Report-Invoices.ods

fx Σ = =IF(INDIRECT(ADDRESS(ROW(),COLUMN()+1))="bezahlt",INDIRECT(ADDRESS(ROW(),COLUMN()-2)),0)

	A	B	C	D	E	F	G	I	J	K	L
1							Total	PayedHidd	Payed	Outstanding	Overdue
2							#VALUE!	0.00 €	0.00 €	#VALUE!	#VALUE!
3	INFOLOG INFORMATIONEN										
4	ID	Customer	Inviocenumbr	Description	Unit price	Unit price 2	net invoice amount	Summe	Status	Done %	invoice date
5	{{pagerep}}	{{info_link_id}}	{{#Rechnungsnummer}}	{{info_des}}	{{#Einzelpreis1}}	{{#Einzelpreis2}}	#VALUE!	0.00 €	{{info_status}}	{{info_percent}}	{{#Rechnungsdatum}}
6	{{pagerepeat}}										

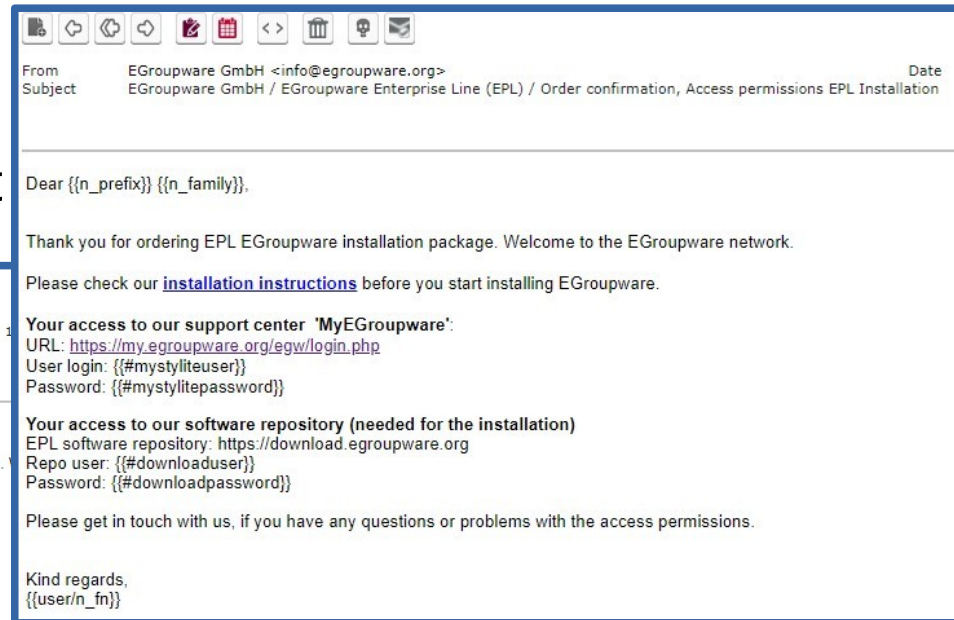
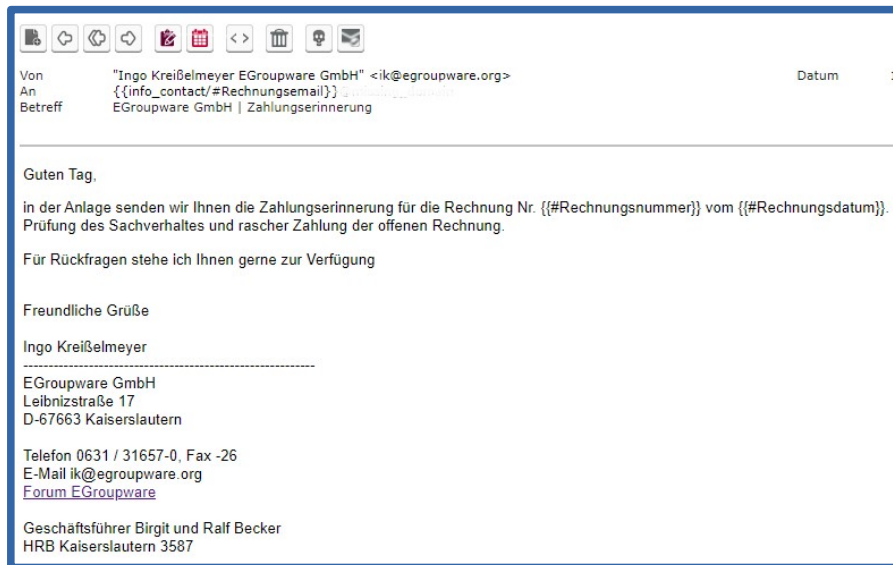
	A	B	C	D	E	F	G	J	K	L
1							Total	Payed	Outstanding	Overdue
2							40,220.16 €	37,677.92 €	2,542.24 €	2,542.24 €
3	INFOLOG INFORMATIONEN									
4	ID	Customer	Inviocenumbr	Description	Unit Price 1	Unit Price 2	Invoice net	Status	Done %	Invoice date
5	98224	Customer1	RE-2021-117	30.04.2021 ik: 3. Produkt für	100.20 €	289.84 €	610.84 €	versendet	50	04/30/21 12:00 AM
6	97924	Customer2	RE-2021-115	04.05.2021: Zahlungseingang	208.07 €	89.00 €	297.07 €	bezahlt	100	04/26/21 12:00 AM
7	97904	Customer3	RE-2021-113	30.04.2021: Zahlungseingang	41.65 €		41.65 €	bezahlt	100	04/26/21 12:00 AM
8	97914	Customer4	RE-2021-114	27.04.2021: Zahlungseingang	58.30 €	131.90 €	190.20 €	bezahlt	100	04/26/21 12:00 AM
9	97934	Customer5	RE-2021-116		42.00 €		42.00 €	versendet	50	04/26/21 12:00 AM
10	97894	Customer6	RE-2021-112		90.00 €		90.00 €	versendet	50	04/26/21 12:00 AM
11	97814	Customer7	RE-2021-110	30.04.2021: Zahlungseingang	120.00 €		120.00 €	bezahlt	100	04/22/21 12:00 AM
12	97821	Customer7	RE-2021-111	28.04.2021: Zahlungseingang	82.79 €		82.79 €	bezahlt	100	04/22/21 12:00 AM
13	97654	Customer cvc	RE-2021-109		240.00 €		240.00 €	versendet	50	04/21/21 12:00 AM

Case study – EGroupware GmbH



Email Templates:

- Payment reminder called from InfoLog
- Order confirmation called from contact



EGroupware – a smart online office integration



Thank you for your interest!

Question & Trial: bb@egroupware.org

Business Day



Collabora Online



EGroupware

SMART ONLINE OFFICE