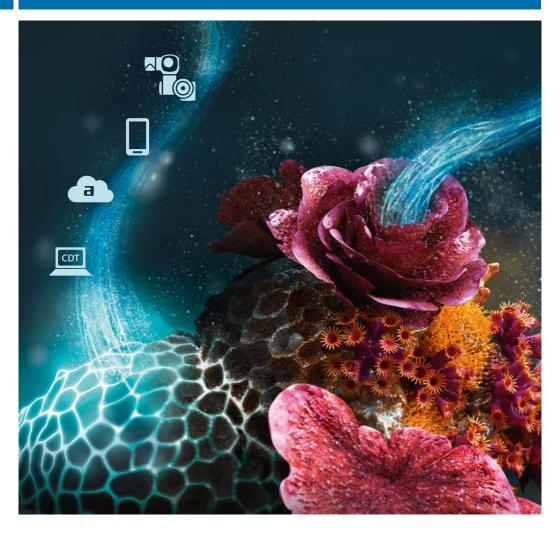


# CORALINK

# GETTING STARTED

with the digital ecosystem by AUMA



### CORALINK – THE DIGITAL ECOSYSTEM BY AUMA

CORALINK is the digital ecosystem by AUMA. It offers you smart support solutions for your AUMA actuators. Use CORALINK to increase the efficiency of your processes and ensure reliable operation of your plant.

### SAVE RESOURCES ACROSS THE OVERALL LIFE CYCLE

CORALINK allows you to save time and cost in all lifecycle phases of your plant, from commissioning and predictive maintenance right through to active lifecycle management of your AUMA actuators.

#### Create efficient processes

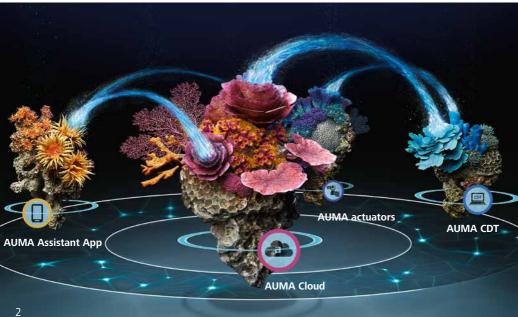
Thanks to the CORALINK modules, i.e. AUMA Assistant App, AUMA CDT and AUMA Cloud, you benefit from simple and efficient processes, for example when reading out and analysing device data, ordering spare parts, creating service requests, device parameter setting and actuator control. The device overview allows you to visualise all your AUMA devices at a glance and you may access versatile pieces of information.

#### Ensure availability

At the heart of CORALINK is the ability to evaluate the extensive operating data that AUMA actuators record automatically in their role as intelligent field devices. This data can easily be read out via the AUMA Assistant App and uploaded to the AUMA Cloud for analysis.

The AUMA Cloud provides you with a detailed action plan including precise recommendations for action for every single AUMA actuator. You may anticipate maintenance requirements and take appropriate actions. You save costs and ensure the availability.

024.04.08





### JUST GIVE IT A GO!

No matter whether you check the status of individual actuators or if you wish to create an Asset Management for your complete plant – CORALINK offers many useful functions to make your daily plant operation easier all for your AUMA devices.

Just give it a go and see! AUMA provides CORALINK in a very comprehensive basic version, free of charge.

Access to further valuable functions are available with the CORLINK PLUS account, subject to fees.

No special investment in additional IT infrastructure is required. The modules run on standard computers and smartphones.

### FURTHER INFORMATION

For further information and videos on CORALINK, please visit our landing page: coralink.auma.com

All information on system requirements and software download is available at: www.auma.com

#### ABOUT THIS BROCHURE

This brochure helps you to get started with using CORALINK. Hereafter, you will find the step by step instructions for the core functions:

Create an AUMA account	Page 4
Read out snapshot files with operational and device data and upload to AUMA Cloud	Page 5
Read out simple device data and upload to the AUMA Cloud	Page 6
Create device overview	Page 7
Work with device overview	Page 8
Manually assess analysis results	Page 9
Call action plan	Page 10
Share device data with other users	Page 11
Create and track service requests	Page 12
Order spare parts	Page 13
Information on data security	Page 14
AUMA service options for CORALINK	Page 15



#### AUMA Assistant App

The AUMA Assistant App is your intuitive smartphone app. The app allows easy and fast data reading from your actuators and upload into the AUMA Cloud, device parameter setting and actuator control.



#### AUMA Cloud

The AUMA Cloud is your comprehensive asset management platform. This is where you create the device overview on the basis of your plant structure. The AUMA Cloud analyses your actuator data and creates action plans with recommendations for action. Furthermore, you can order spare parts as well as create and track service requests.



This is a high-performance software for comfortable setting, operation and analysis of AUMA actuators using Windows laptops. Furthermore, AUMA CDT offers expert functions in terms of analysis, maintenance and troubleshooting.

### CREATE AN AUMA ACCOUNT

	Si	gn i	n	
Sign in wit	h your e	email a	ddress	
Password Forgot your pas				
roigot your pas				
	Sign in			
Don't have an a	ccount?	<u>Sign up n</u>	<u>2</u>	

Email Address\* 3 Email Address\* 4 New Password\* New Password\* 5 Confirm New Password\* Confirm New Password\* Title (optional) Title (optional) ~ Surname\* Surname\* Given Name\* Given Name\* Street Address\* Street Address\* Postal Code\* Postal Code\* City\* City\* Country/Region\* ~ Country/Region\* Language (optional) Language (optional) ~ one (optional) Phone (optional) Company Name, Customer Number or Supplier Nu 6 Company Name, Customer Number or Supplier Nur I accept:\*
 Datenschutz, Nutzungsbedingungen 7

You have to register once and create an AUMA account to be able to use the CORALINK modules.

 Open the subsequent URL in any web browser. We recommend Microsoft Edge, Google Chrome or Chromium.

### https://cloud.auma.com

The sign in dialog box opens.

- If you do not yet have an AUMA customer account, please select "Sign up now".
- 3. Enter your e-mail address.
- Select "Send verification code". A code will be sent to your e-mail address and the following dialog box opens:

	de has been sent to your inbox. to the input box below.
Email Address	**
cloud@auma	.com
Verification Co Verification Co	Cherry W.
Verify code	Send new code

Open the e-mail, copy the code and paste it in the dialog box above. Now select "Verify code" to complete verification.

5. Please fill in all the further fields.

### Notes:

Your password must include 8 - 16 characters with at least one lower case and one upper case letter, one figure and one special character.

Please enter your complete contact details. This is required to get in touch with you when needed.

6. Enter your AUMA customer number.

If you do not yet possess a customer number, please enter your company name.

 Select "Create" to create your customer account. The sign in dialog box opens and you may sign in using your new login.



### **READ OUT SNAPSHOT FILES**



The comprehensive operational and device data which are automatically saved within the actuator controls, can easily be read out at any time as a snapshot file, e.g. via the AUMA Assistant App or AUMA CDT.

Hereafter, you will learn how to establish a Bluetooth connection using the AUMA Assistant App, how to read out the data in a snapshot file and subsequently upload the data to the AUMA Cloud.

**Note:** Reading out snapshot files is possible with AUMA AC 01.2 actuator controls as well as AUMA actuators with integral controls (PROFOX, TIGRON or others).

- 1. Start the AUMA Assistant App.
- Select the "Connection" tab on the start page to search for AUMA actuators within Bluetooth range.
  - A list of all available devices is displayed.
- **3.** Select the desired device. The Bluetooth connection is established.
- 4. Select "Service functions" from the overview.
- Select "Create snapshot". A snapshot file comprising all saved operational and device data is generated. This may take a few minutes.
- Then select "Upload snapshot to AUMA Cloud" to start the upload.
- 7. Repeat steps 3 through 6 for every device.

When opening your AUMA Cloud the next time, all devices for which an initial snapshot has been uploaded are shown as new devices on the top level. Now you can start to sort them to a group and to add more information. Please refer to page 7 for further information.

For previously available devices, the device data is automatically updated on the basis of the new snapshot data.



#### Notes

- > Users who have selected the CORALINK PLUS account save time since they can simultaneously read out snapshot files from several devices for upload to the AUMA Cloud.
- > If you wish to automatically read out data, please contact the AUMA Service. It will be our pleasure to assist you in finding suitable solutions for your requirements.

### READ OUT SIMPLE DEVICE INFORMATION



For all AUMA devices with a Data Matrix code on the name plate, you may easily record device information like serial numbers and perform a batch upload to the AUMA Cloud. For this, scan the Data Matrix code using the AUMA Assistant App.

This is recommended for all devices without snapshot function, e.g. actuators without actuator controls and gearboxes. This way, these devices can be quickly and easily added to the device overview at the AUMA Cloud.

**Note:** This step is not required for devices with actuator controls for which you have already uploaded snapshot files to the AUMA Cloud. All data available is already included within the snapshots.

### 1. Create a new list of serial numbers

- 1. Start the AUMA Assistant App.
- 2. Select "Asset Management" on the start page.
- Select "List of Serial Numbers" to create a new list of AUMA devices. The List of Serial Numbers dialog box opens.
- 4. Select the Plus icon.
- Enter a name for the serial number list and select "OK". The new list was added to the previous serial number lists.

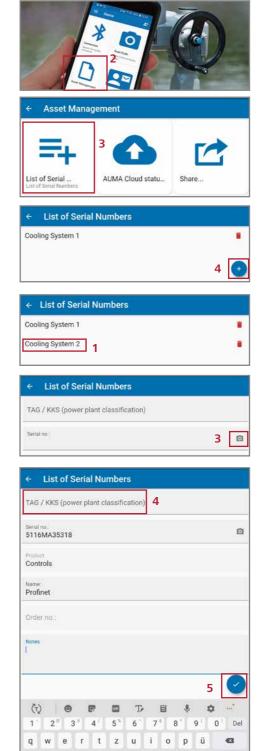
## 2. Add devices and device information with regard to a serial number list

- Select the desired list of serial numbers. The list with the assigned devices is displayed.
- 2. Select "New" to add a new device. An empty device page is displayed.
- Select the camera icon. Then scan the Data Matrix Code on the name plate of the desired AUMA device using your smartphone camera:



Device information is uploaded and the respective fields are automatically filled in.

- **4.** If desired, enter further pieces of information like device TAG or KKS number.
- Select the checkmark icon. The new device is included in the list.



### READ OUT SIMPLE DEVICE INFORMATION (CONTINUED)

### 3. Upload a List of Serial Numbers to the AUMA Cloud

- Select the desired list. The list with the assigned devices is displayed.
- **2.** Open the context menu in the top right corner.
- Select "Create devices in AUMA Cloud" to start the data upload.

Cooling System 1			
Cooling System 2			
← Cooling System 1		2	<sup>2</sup> [
← Cooling System 1 1520NS09779 NEW intellegent actuator		Export as CSV File	² [ ⊪
1520NS09779	3		2 11 12

### CREATE DEVICE OVERVIEW

An overview of all AUMA devices of your plant is created with just a few steps in the AUMA Cloud. We recommend organising your devices in groups and sub-groups to copy the structure image of your plant. This provides for quick and easy navigation to your devices. This virtual representation of your plant allows device status information at a glance and fast focused access to any data.

1. Go to the start page of the AUMA Cloud and select "My devices".



Buttons with the currently existing groups of the top level appear.

Devices for which you have previously uploaded snapshot files for the first time appear as new devices at the top group level. Serial number lists which you have previously uploaded appear as new groups.

Now you may perform the following actions:

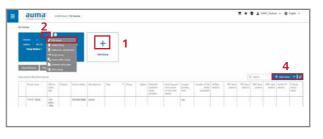
- Add groups: Select the "Plus" button and enter the desired information.
- Rename groups: Open the context menu in the top right button and select "Edit group".
- 3. Add sub-groups:

Open the group with a click and subsequently add the sub-group as described in step 1.

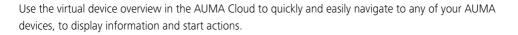
4. Assign devices to a group: First select the group.

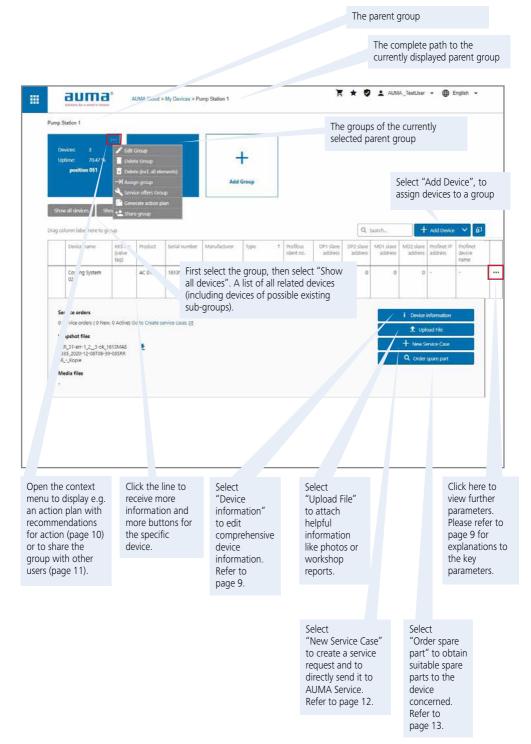
Devices for which snapshot files have already been uploaded to the AUMA Cloud: Click on the device in the device overview and select "Device information". The groups can be assigned in the window opening now.

Devices which are to be created manually or for which you have stored snapshot files in a folder outside the AUMA Cloud. Select "Add devices" and manually enter the device information or select a snapshot file.









### MANUALLY ASSESS ANALYSIS RESULTS



The AUMA Cloud calculates the uptime and further key figures to your devices on the basis of the comprehensive operational and device data of the snapshot files. They provide a first impression on the current status of your devices. They are also crucial for troubleshooting.

**Note:** CORALINK PLUS account users benefit from a more in-depth assessment in form of an action plan. You will receive precise recommendations for action on the basis of the current operational and device data (page 10).

Select the desired device in the device overview to display further information. Select the three dots in the last column to display further key figures.

operat	e raction in per ion with rega ete analysed t	rd to the										
Examp Uptim fault-f compl Uptim Some device		across the od.	2	(mediai	on mode n) operating o which ice was d on	f e T fi	<b>Nost</b> requent rror he most requent rror ccurred.		Longes pendin The err which v present the lon- time pe	or Was across gest		Number of "Full Stroke Equivalent" The number of calculated full strokes of the valve.
	Drag colum	nn label here to grou	p				Q, 584	en 1	+	d Device 🗸 🗸	7	
	Group	Device name	Product	Serial number	facturer	Uptime	Detected operation mode (median)	Moat frequent error (based on the event report)	Longest pending error	Number of Full Stroke Equivalent		
	Position 051	Cooling System 023	ACEXC 01.2	3613MA08765	AUMA	93%	Short-time duty 52-1	478x Internal	Internal error	4277		
		ber of max. motor st			Number The highe motor sta	est det	ermined					
	Тогци	e fault CLOSE: 63 e fault OPEN: 111 temperature of con			Number Total of p motor sta	reviou			rice			
	DP1 :	bus ident no.: dave address: 0 dave address: 0										
	1000 C	slave address: 0										
		slave address: 0					detecte					1
		net device name:			21 Ye		lost frequ ting mod		tual mot	or		
	Detec	ted operation mode	e (maximum):	Intermittent duty :	\$4-5%							

Select the "Device information" button within the device overview to receive detailed information on the device and to access the complete device documentation.

Device ta	g:											
Cooling	System 02	8										
Serial nur										100%	6 Ca	in be
-4657MA	9(1)4									analy	vsed	
Producti										92% U		
AC 012	2									8% Do		a-c
Турес									1	-		2.27
Integrier	te Oellarz	tiels-terming	AUMATIC				1			0% (	Cann	iot be
Manufact	tureri									analy	vsed	
41234										1000	1 1	0.000
Valve Tag	no. (valv	e tag):								6/24/1	19 - 7	/9/19
Select.					•							
Inventory	number											
Enapshot fill Desg calurie Snapshoe	Under Lines, 1	n groco Salal number	ilpine	Median	Longest pending	Number of Gull Stroke	Analynable		Man	Torque	Depa tak	
-tornel				detected consting mode	PALES	Equilatera	1000	instoi istarts	tong at- value	OPSN .	CLOST	
15017	Refy 8, 2013, 317:16 764	461788496134	52%	Short Generatives Short Generatives duty \$2-1 min.	Tongue Nute CLOSE	641	198%	85160	43%	676	10	
10 21	10									ge 7 2 7 (1	anapatrons	- <u>1</u>
Media Nes Drag column	label here t	te group				Documents Oragi column lab	d here to grow	¢.				
(lik parke)		Dute	Sire	Poarte	el .	The	Article	Description			Doush	be
		No media f	lies puilla	ble		Technical Data Sheet DE		Technical spi AUMA actua	editations for	ol your	4	
						Technical Data Sheet		Technical spe AUMA actual		of your	<u>+</u>	

### CALL ACTION PLAN



### - For CORALINK PLUS account only -

Users with CORALINK Plus account only require a few clicks to create an action plan on the basis of the current operational and device data of your AUMA actuators. You will receive precise recommendations for action for each device in terms of predictive maintenance and troubleshooting. The automated calculations incorporate the cumulative knowledge of the AUMA experts as well as decades of precious field experience.

Based on the recommendations for action, you may anticipate the maintenance requirement for your devices and take appropriate actions. Furthermore, you will receive valuable hints for optimisation and settings as well as for troubleshooting.

### Conditions:

- > Current snapshot files for all devices have been read out and uploaded to the AUMA Cloud.
- > The devices have been assigned to a group since an action plan is always created for a group.
- 1. Open the context menu in the top right corner of the desired group.
- 2. Select "Generate action plan".
- **3.** An overview is displayed showing diagrams on the status and on the average uptime for all devices within the group (and sub-groups if applicable). Thanks to colour coding, you can identify at a first glance if everything is OK or if an action is required.
- Select the "Recommended actions" tab to display precise recommendations for action for each individual device.
- Select the tab on the right with the group name to display status, device information and key figures to the devices of the group.
- If actions are required or recommended, which are to be performed by AUMA Service experts, the content of all tabs can be exported as PDF and attached to a service request.

	aur	па:	ALAMA Close	t h Ny Devices					
My I	Uyane Attaches			3 9983 % dowent B	1 V Let Douy Diete Gous Diete Gust H Assign geng Sonae diet Gonernte an	o all ekonerský 9 3 Gescup: 10n plan	O Device Uppens At		
reate	new all over		reconstruction action	10	🐔 Share group	2			×
	port as PDF	lecommenc	ded actions At	ttachment B					
	3		Actuator s	tatus	A	werage u	uptime		
			No indications av Everything CK (2) Actions required	n		uptime =	99.83%		
			Cbeying recomm	ended (1)					
			Cbeying recomm	ended (1)					
	action plar		Deeying recomm	ended (1)					
L top	kort as POF	econtimend	Cobeying recomm	ended (1)					3
6 Ep 0-e	kort as POF		Cobeying recomm		Arabysis Statt – Erst	Most frequent erct	Last occurred entor	Full stroke equivalent	Current opeiation mode
D bo	ort as PDF	econtimend	Copying recomm	tachment 3	Acalysis Start – End 4/(27)2015 120152 PM – 3/1/2013	frequent		Tull strske equvalent 0	Current
6 Ep 0-e	nit as POF	Serial no.	Cheying recomm	tachment 8 Uptime	End 4/27/2015 12/01/52 PM - 3/1/2023	frequent error 3x internal	entor 3x internal	equivalent	Current opeiation mode Soon-brie
D bo	Nort as POF	econtimend Serial no 3612MA3 0321MA8	Claying recommendations of the second	tachment 3 Uptime 37%	End 4/27/2015 12/0152 PM - 3/1/2023 1/27/13 PM 1/25/2021 3/08/34 PM - 2/23/2023	frequent error 3x internal error 13x Torque	error Sx internal error 13x Yorque	equivalent 0	Current opeiation mode Short-brite duty \$2-1 mm Short-brite
Ove Ove	Product AC 01.2 ACEXC 01.2	secontimend Serial ros 5612MA3 0321MA8 0321MA8	Claying recommendations of the second	tachment 8 Uptime 99%	End 4/27/2015. 120152 PM- 5/1/2023. 1.27/13 PM 1/25/2021. 5:08:04 PM - 2/3/2028. 1:0149 PM 1/25/2021. 1:24751 PM -	trequent error 3x Internal error 13x Torque fault CLOSS	arror 3x internal arror 13x Yorque fault CLOSE 18x Torque	equivalent 0 83	Current operation mode Shoot-time duty \$2-1 min Shoot-time duty \$2-1 min Shoot-time duty \$2-2 min
Die Eng Over Willve tag	oritas PDI Produst AC 01.2 ACEXC 01.2 ACEXC 01.2 ACEXC 01.2 ACEXC 01.2	serial no Serial no 361204A3 0321MA8 0521MA8	Claying recommendations of the second	tachment 8 Uptime 99%	End 4/27/2015. 120152 PM- 5/1/2023. 1.27/13 PM 1/25/2021. 5:08:04 PM - 2/3/2028. 1:0149 PM 1/25/2021. 1:24751 PM -	trequent error 3x Internal error 13x Torque fault CLOSS	arror 3x internal arror 13x Yorque fault CLOSE 18x Torque	equivalent 0 83	Current operation mode Shoot-time duty \$2-1 min Shoot-time duty \$2-1 min Shoot-time duty \$2-2 min
Constant of the second	Not as PDF Product AC 012 ACEXC 012 ACEXC 012 ACEXC 012 ACEXC 012 ACEXC 012 ACEXC 012	ecommend Setul no 0321MA3 0321MA8	Claying recommendations of the second	Tachment 8 Uptime 2016 2016 2016 2016	End 4/27/2015. 120152 PM- 5/1/2023. 1.27/13 PM 1/25/2021. 5:08:04 PM - 2/3/2028. 1:0149 PM 1/25/2021. 1:24751 PM -	trequent error 3x Internal error 13x Torque fault CLOSS	arror 3x internal arror 13x Yorque fault CLOSE 18x Torque	equivalent 0 83	Current operation mobe Shoot-time duty \$2-1 min Shoot-time duty \$2-2 min duty \$2-2 min
Cover Over Villow tag recate a Cover	Active of a series	sconmend Setal no 3612MA3 0321MA3 0321MA3	Claying recommendations of the second	tachment 8	End 4/(27)2015 120152 PM- 3/(2021 12713 PM 1/25/2021 50534 PM - 2/25/2021 124/32 PM - 2/25/2021 124/32 PM - 2/25/2021	Inquent error 3x loternal error 13x Torque fault CLOSE 16x Torque fault OPEN	arror 3x internal arror 13x Yorque fault CLOSE 18x Torque	equivalent 0 83	Current operation mobe Shoot-time duty \$2-1 min Shoot-time duty \$2-2 min duty \$2-2 min
Constant of the second	Act as PDF Product AC 012 ACEXC 012 ACEX	ecommend Setul no 36124643 03214643 03214643	ed actions Al status 2336 ad actions Al 2336 ad actions Al 2336 ad actions Al 2336 ad actions Al 2336 ad actions Al 2336	Tachment 8 Uptime 2016 2016 2016 2016	End 4/(27/2015 120158/PM - 3/(2012 127157/2012 10753/2017 10753/2017 10753/2017 10543/PM 1/05/2021 10543/PM 2/02/2023 2/02/2018 - 2/02/2023 - 2/02/202 - 2/02/202 - 2/02/202 - 2/02/202 - 2/02/202 - 2/02/202 - 2/02/202 - 2/02/202 - 2/02/202 - 2/	Inquent error 3x loternal error 13x Torque fault CLOSE 16x Torque fault OPEN	arror 3x internal arror 13x Yorque fault CLOSE 18x Torque	equivalent 0 83	operation mode Short-time duty 52-1 mm Short-time duty 52-1 mm Short-time
Cover Over Villow tag recate a Cover	Act as PDF  Product  Product  AC 01.2  ACEXC 01.2  ACE	sconmend Setal no 3612MA3 0321MA3 0321MA3	Claying recommendations of the second	tachment 8	End 4/(27/2015) 120/152 PM - 120/152 PM - 17/2012 PM - 17/2012 PM - 1/25/2021 10/143 PM - 1/25	Incpent error 3x Internal error 13x Torque fault CLOSE 16x Torque fault OPEN	arror 3x internal arror 13x Yorque fault CLOSE 18x Torque	0 85 140	Current operation mode Short-time duty S2-1 min Short-time duty S2-2 min Short-time duty S2-2 min



### - For CORALINK PLUS account only -

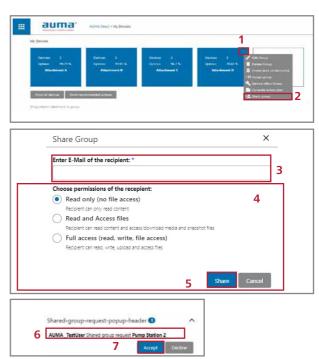
You may share device information saved within a device group with other users. This makes sense if, for example, several persons read out device data in the plant or if other persons should receive an insight into the device data and action plans.

CORALINK enables granular permission and role management. You may define for each user which access rights they should receive.

- Open the context menu in the top right corner of the desired group.
- 2. Select "Share group".
- Indicate the e-mail address for the AUMA account of the recipient.
- **4.** Define which permissions should be granted to the recipient.
- 5. Select "Share".

- 6. The recipient receives a request whether the access to the shared group will be accepted.
- **7.** Select "Accept" to receive access to the group.

Shared groups are displayed with a light-blue shading for all users.





### CREATE SERVICE REQUESTS

Service requests can be easily sent to AUMA Service when using any CORALINK module, for example, if an AUMA Service intervention is recommended within the action plan or if you require spare parts. In the following, we describe the procedure within the AUMA Cloud.

- **1.** Select the desired device group.
- **2.** Select "Show all devices".
- Select the desired device from the list to open the device details.
- 4. Select "New Service Case".
- **5.** Fill in the form as detailed as possible.
- We recommend ticking the "Option" selection box. This way, all snapshot files for this device are attached to accelerate analysis.
- **7.** Choose "Select File" to attach additional files like photos.
- Select "Save" to send the service request. Our AUMA Service will contact you without delay to agree on the further proceeding.

	auma'	AUTOA CANE > My Devision	a pipeline II is pump mattern 1.		* Ø 1 ALMA, lasthe - G	b solery -
parp sta	ation 1					
11	anni () anni () anni ()	Denime J Liptime Dir K position NR	+			
	and designed in the groups	* Point	Intel sector	Menderate Generation		aa Dewice 🛛 😰
	a Sentern (12)	AC01.3	621766626138	AUMA postors	specifing mode lines	et or trapsiet) Corgan Bault
	gabot files	hee) Ool In: Crusin: Lervice salary (	5		4 1 Devic informa ± Statistics 4 + New Service D Q. Order spinner	-
	New Servic	e Case			×	
	Subject *					
_	Type: *					
5	Froblem descr	iption: *			-	
	Serial Number				0	
6	Option:	s for fault analysis				
7	Select File	Ra files: thinduder cet, cet, prog. ere using Drag & Drop.	jpg mp4 maw pdt			
	Max. snapshot	t file size: 1 M8 ts per device: 50 e size: 100 M8				
					8 Sover Carcel	

### TRACK SERVICE REQUESTS



This is how you track the current status of your service requests:

- Go to the start page and select "My Activities".
   A list comprising all service requests is displayed.
- Select the required request from the list to view the details.

.

Here, you will be able to see every process step as well as an unambiguous ID of your request. Please specify this ID when contacting AUMA.

nt		au.	ma	ALBIA CALUE						
lect	1	Q My Act	wittes	S My D						
		aur	na.	ALLANCIDUS - My A	ictuities.		*	<b>9 1</b> XOM	, Incluse • 🔘 B	ngiech •
from	1	My Activities Reset 1 Activities Despires to prove						Q times	+ 164	Servera Calut
	2	the .		900	(Saityma)		hered (wentured)	1	See Norther	
	<u>م</u>	High number of To- check settings	que fasita.	Rest Service	Fease their av indposition set	Adultine	291644406570	1	Ad-288833-050366	20
au	ma'	AUMA Cloud > Dy-	Activities > Se	erwoe Case Details		* 0	L AUMA_T	ostjær •	🖶 Englisch 🔹	
Address for a	a manali di majalitati	AUMA Cloud > My	Activities > Se	ervice Case Details		* 0	L AUMA T	ostUser =	🖶 Englisch 🔹	ľ
stempter	1 mail / 1 mails	AUMA Cloud > My	kciwites > Se	ervice Case Details		* 0	L AUMA_T	ostijser •	2.2	
stempter	1 mail / 1 mails	AUBIA Cloud > My	scivites > &	ervice Case Details	0	* \$	L AURA_1	• veltaer	2.2	
R Case De	1 mail / 1 mails	6		ervice Case Details	1 Mateisa Panneg Iet	0		ostiliser •	2.2	
R Case De Process 1 Specific	tarits Step	6	0	0	e Kateriah Planing Ins	0		-0-		
R Case De Process 1 Specific	Step Goods Received	6	0	0	Dateisa Paereg In Itateisa Paereg In	- 3 cierrentatieo		-0-		
e Case De Process 1 Support	Ship Goody Received C.45-	G Error Acat <sub>e</sub> sis	Curte	Orses		- 3 cierrentatieo	(H) Shipping Service	-0-		
R Case De Process 1 Specific	Ship Goody Received C.85- High I	Errot Analysis Errot Analysis	Duste Custe	Orcea Orcea	Туре	3 promonetation Titued 1 in proc	(H) Shipping Service	() Invekt		

### ORDER SPARE PARTS



With the AUMA Cloud, you will receive quickly and easily the suitable spare parts for your AUMA devices.

- **1.** Select the desired device group.
- 2. Select "Show all devices".
- Select the desired device from the list to open the device details.
- Select "Order spare part". An exploded view of the device is displayed.
- **5.** Select the desired spare part from the exploded view.
- 6. Select the cart symbol.
- **7.** Repeat steps 5 and 6 until you have placed all desired spare parts in your cart.
- 8. Select the X symbol on the top right. The form "New Service Case" is displayed together with a list of selected spare parts.
- Complete the indications and select "Save" to send the service request.

AUMA Service will contact you and provide a quotation.

2000	atation 1	(inter-		+				
	anishina 811	position		Add Group				
	ow all devices					200		P
Disjo	obers tiller bere in group					Market 1	Q. Soich.	+ AMDress
0414	1.000	1. Pro-	ét	held same	Mps/state.	the (	terms Adult and	and Major Insurant on
3 📼	ing System 021	ACIE	2	401784650134	AUMA I	028101-020	525 Shot-time-	eventreports duty 15x Tonque Dert-
							32-1 kie	CLOBE
	ierelice unders Service cetters ( 0 Here, 0 A	Address Garlin Creater and	vice stands (25				( de	wax interaction
	napahot film							C Maturel Per-
	alery .	*					4	nder gans part
aur	na:	é lesan i Qu		10-15 V				8 💿
	ven + 41812 - 41312							
		×s	1.474					
	and a	1.27	700	1000 (0001	5	5		
10.012	1997 - 1929 - 1973 1997 - 1997 - 1973		(1)	1 5	and a	10. C		
P(4 0mm	-		~	110		Con Della	·*	
	Contraction Contract			1	RIE	1. 0	050	1-140
1021 page	ing have showed					N. C.	1200	0
man data	and a second			A	$\bigcirc$		U.	10
thi true		_	2			*		10
	al Louis Conclusion - Set Scotter		C.P					1991.1
9001 Lon	al The content of the							
			- the					
101 111	ar to-Hanor Historia	-	- the					
Activity of the second	al la hanar e commi e rysne e for electrica committee		- Sha					
100 100 100 100 100 100 100 100	er fan Hanter In Honman In Honman In Honman Hanner Hanner Hanner Hanner		- the					
	er fan Hanne Frankensk er Hanne Frankensk Fran		- sku					
	nt la rando e ranna e name e la cristeria e constitue figue est e e e e		<del>-</del>					
	el la Inaci e rement e processione consciller Papar el e e H		74					
4000 400 4000 400 4000 400 4000 400 4000 400 400 400 400 400 400	el la Inde Innemia el sense el seguertario conseillar Pape de B B	é	-740 5		0			
4000 - 400 5000 - 400 5000 - 500 5000 - 5000 5000	et to insp r rement. et en el to constitue r gan el to constitue constitue r gan el to constitue constitue el to constitue to constitue el to constitue to consti	e	- 4a	sten boost	0			
6000 000 6000 000 6000 000 6000 000 6000 000 600 000 600 000 600 000	er te hande en prostenen el la contenen en consective rigane en el el el el el	e	- sko - sko	ción bacna	Ø			
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	er in monet - monet		- sko	ofen boost	o			×
	New Service		- sko	ofer bone	o			×
	•		- sko	ofer boose	o			×
6 100 100 1000 1000 1000 1000 10000 1000 1000 100000 1000 1000 1000 1000 100000 1000 1000 100	New Service			pion becorg	0			×
	New Service Subject: *	e Case		plan kowa	0			
	New Service Subject: * Type: * Sales Spare Par	e Case	5 5 5 6 6 6 6	ofen toose	0			×
	New Service Subject: *	e Case	5 5 5 0 0 0 0	ofen boost	0			
	New Service Subject: * Type: * Sales Spare Par	e Case	5 020 0		0			
	New Service Subject *	e Case	3 000 0	pour lacue	0			
	New Service Subject * Type: * Sales Spare Part Spare part:	e Case			0			•
	New Service Subject *	e Case			0		1	
	New Service Subject * Type: * Sales Spare Part Spare part:	t ption: *			0			•
	New Service Subject * Type: * Sales Spare Par Spare part: 3613MA00765.0	e Case t ption: *			0			•
	New Service Subject: * Type: * Sales Spare Par Problem descrip Spare part: JortaMA02765.0 Serial Number(c) Serial Number(c)	e Case t ption: *						•
	New Service Subject: * Subject: * Sales Spare Par Problem descrip Spare part: Joi 13MA0765.0	e Case t t t tion: *	KT. Relay b					•
	New Service Subject: * Type: * Sales Spare Par Problem descrip Spare part: Jo13MA00765.0 Serial Number( Bi13MA00765.0	t Case	KT. Relay b					•
	New Service Subject: Type: Sales Spare Par Problem descrip Sarial Number( Statistication Provde files Snapport Snapport Snapport Snapport Snapport	t clase	KT. Relay D	Control of the second s				•
	New Service Subject * 	t clase	KT. Relay D	Control of the second s				•
	New Service Sobject * Type * Sales Spare Par Problem descrip State Spare Part: Jo13MA00765.0 Serial Number( SitaMA00765.0 Serial Number( SitaMA00765.0 Serial Number( SitaMA00765.0 Social Num	t t t t t t t t t t t t t t t t t t t	KT. Relay to	Control of the second s				•
	New Service Sobject * Type * Sales Spare Par Problem descrip State Spare Part: Jo13MA00765.0 Serial Number( SitaMA00765.0 Serial Number( SitaMA00765.0 Serial Number( SitaMA00765.0 Social Num	t t t11.1. ACEsC 01.2 a)c* for fault analysis a files: in recuse cit, cit in recuse cit, cit re using Drag & I	KT. Relay to	Control of the second s		9		•

### DATA SECURITY

We at AUMA place a high priority on maximum security of your data. CORALINK supports us in achieving this goal thanks to a multitude of measures.



#### Data security within the AUMA Cloud.

With the AUMA Cloud, CORALINK uses the proven physical infrastructure of Microsoft Azure, a worldwide leading cloud provider. This platform implements comprehensive safety mechanisms, subject to continuous improvement. Microsoft ensures conformity to established safety standards like ISO 27001:2013, HIPAA, FedRAMP, SOC 1 and SOC 2 as well as the "Cloud Computing Compliance Criteria Catalogue (C5)", issued by the German Federal Cyber Security Authority for information technology (https://www.bsi.bund.de/EN). It is regularly checked by independent auditors. The data centres used by the AUMA Cloud are located at AUMA in Muellheim and in Microsoft Azure data centres in the European Union.

If you have specific security requirements, please do not hesitate to contact us. It will be our pleasure to develop required schemes with you for later implementation.

#### Protection against unauthorised access



The user administration of CORALINK modules offer a high degree of security. It includes registration using a two-factor authentication and a multi-level validation process. Communication to the AUMA Cloud is established via a secure and encrypted HTTPS connection. The session ID is generated at the beginning of a session by a secure random function. Analysis and forecast of session IDs is thus prevented.

#### Data transfer exclusively from the device to the AUMA Cloud and not vice versa.



The data transfer in one-way only. From the device to the AUMA Cloud. The operational and device data saved within the device are read out via AUMA Assistant App or AUMA CDT and saved in the AUMA Cloud. There is no access option from the AUMA Cloud to the devices within the plant. Neither data nor commands can be sent to the actuator.

#### No access to sensitive data



AUMA Cloud only processes operational and device data stored within AUMA actuator controls. This data only allows drawing conclusions about actuator and valve. The actuator does not save any information on media or sensor systems (throughput, viscosity, etc.). Conclusions to process sequence and process parameters are not possible. Consequently, the customer preserves the control on plant data.

### THE AUMA SERVICE PORTFOLIO

This brochure helps you in getting started with the useful functions of our digital CORALINK ecosystem. But CORALINK has even more features. Make the best of the digital potential of your AUMA actuators. The AUMA Service will be glad to help you.

### CORALINK SERVICES

Relieve your staff and simultaneously ensure the availability of your plant. For example, use our comprehensive service offers connected to CORALINK.

### Digital device recording

Our Service experts visit you at your plant, record all AUMA devices and create for you a detailed device overview in the AUMA Cloud. You have a perfect view of your devices at a glance, which is the basis for a successful asset management.

### Digital status analysis

Our service experts read out the comprehensive operational data from your AUMA actuators and upload them to the AUMA Cloud for analysis. We will assess the action plan and the recommendations for action and provide advice regarding further measures. This allows you to plan maintenance and replacement depending on the actual device condition. This will save both time and expenditures and prevent unexpected failures.

#### **IIOT SOLUTIONS**

Are you looking for a comprehensive IIoT solution, e.g. with automated monitoring? It will be our pleasure to assist you in finding suitable solutions for your requirements.

### IS THIS A POINT OF INTEREST FOR YOU?

Do you have any further questions related to CORALINK? Are you interested for our services related to CORALINK or IIoT solutions?

Please do not hesitate to contact us. We look forward to receiving your request.

service@auma.com \$\sum\$+49 7631 809-2000

Or directly contact your local partner within the AUMA Service network.





AUMA Riester GmbH & Co. KG Aumastr. 1 79379 Muellheim Germany & +49 7631 809-2000 Service@auma.com

🐚 AUMA Group

More than 70 countries – One Service. Our services support you all around the globe. Wherever your installation – AUMA Service experts are always close to you. Benefit from our global AUMA sales and service network. Detailed contact data is available on our website. www.auma.com

