

SKF @ptitude Observer 13.6

Release summary

February 2025

Please read this document. Important information not covered in the @ptitude Observer User Manual is listed here.

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Requirements

Software and FW requirements in Observer 13.6

- Recommended IMx-1 GW firmware version **5.1**
- Recommended IMx-1 Sensor firmware version **5.0**
- Recommended IMx firmware version **7.8**
- Recommended Microlog dBX SW version 1.2
- Monitor Service requires **64bi**t OS

Note: Since Microsoft no longer supports MS SQL Server 2014, the required minimum version is now MS SQL server 2016. SQL server 2016 will have extended support from Microsoft until July 14th 2026.



New features

License key is now required to show plots

From software version 13.6 it is not possible to install and view plots without a license key.

Process gating



Figure 1 SKF @ptitude Observer process gating and streaming – IMx-1 System and Modbus TCP

The objective is to acquire measurement data only if it is relevant for condition monitoring purposes. When a measurement is taken, the process value can be attached as speed to the trend value.

	PLC 1	Register	Value	
Gating conditions:	100 E	1	55	Gating conditions:
PLC 1 Register 1 = Less than 100		2	200	PLC 1 Register 2 = Less than 100
PLC 2 Register 2 = Within range 100 - 600				PLC 2 Register 1 = Within range 100 - 600
	PLC 2	Register	Value	
	1	11	590	
	₹₩₩₽	22	350	
Measurement will be requested				Measurement will not be requested



Process streaming

Process data values can be streamed to the backend at a customer-defined interval, with a minimum value of 1 minute and a maximum value of 1 day.



Microlog dBX – Importing directly to root node

A new import option called **update** has been added, which can be used to update data for an existing hierarchy. This is useful when there is a need to synchronize two databases.

Note: Only Microlog Points are supported for this type of import. Other types of Points will not be imported.

🛃 Import				×
Database:	ext			\sim
File name:				
🗌 Data				
Import type				
O Append	Update			U
File information				
Version:		Time zone	e:	
Created by:		Time of e	kport:	
Description:				
Data from:		Data to:		
Only notes:		Data expo	orted:	
Number of exported				
Time of export:		Notes:		
Measurements:				
History			ОК	Cancel



Import and export history

To help keep track and troubleshoot when importing and exporting, we have added the option to check the history.

Select Database > History to open Import & Export view.

🔣 Import & Export h	nistory										
Date/Time From 2024-12-13]	To 2025-01-13 • •	Type All			×					
Timestamp	Туре	Settings	User	Description	No. Notes	No. Nodes	No. Measurements	From	То	Origin timezone	Origin database id
Timestamp 2025-01-13 16:19:32	Type Import	Settings Data and update	User admin, admin	Description	No. Notes 1	No. Nodes 536	No. Measurements 0	From 2025-01-12 23:00:00	To 2025-01-13 23:00:00	Origin timezone W. Europe Standard Time	Origin database id 07d1ac77-911e-4616-b0ce-36924595b400
Timestamp 2025-01-13 16:19:32 2025-01-13 16:18:59	Type Import Export	Settings Data and update Hierarchy & notes	User admin, admin admin, admin	Description	No. Notes 1 1	No. Nodes 536 536	No. Measurements 0 0	From 2025-01-12 23:00:00 2025-01-12 23:00:00	To 2025-01-13 23:00:00 2025-01-13 23:00:00	Origin timezone W. Europe Standard Time W. Europe Standard Time	Origin database id 07d1ac77-911e-4616-b0ce-36924595b400 07d1ac77-911e-4616-b0ce-36924595b400
Timestamp 2025-01-13 16:19:32 2025-01-13 16:18:59	Type Import Export	Settings Data and update Hierarchy & notes	User admin, admin admin, admin	Description	No. Notes 1 1	No. Nodes 536 536	No. Measurements 0 0	From 2025-01-12 23:00:00 2025-01-12 23:00:00	To 2025-01-13 23:00:00 2025-01-13 23:00:00	Origin timezone W. Europe Standard Time W. Europe Standard Time	Origin database id 07d1ac77-911e-4616-b0ce-36924599b400 07d1ac77-911e-4616-b0ce-36924599b400
Timestamp 2025-01-13 16:19:32 2025-01-13 16:18:59	Type Import Export	Settings Data and update Hierarchy & notes	User admin, admin admin, admin	Description	No. Notes 1 1	No. Nodes 536 536	No. Measurements 0 0	From 2025-01-12 23:00:00 2025-01-12 23:00:00	To 2025-01-13 23:00:00 2025-01-13 23:00:00	Origin timezone W. Europe Standard Time W. Europe Standard Time	Origin database id 07d1ac 77-911e-4616-b0ce-36924595b400 07d1ac 77-911e-4616-b0ce-36924595b400

Importing and exporting notes

The option to import and export notes in Observer has been added. Notes can be exported separately or together with hierarchy and data.

🛃 Export		×
Database:	ext	~
Data source		
	ample Data IMx IMx-1 IMx-1 IMx-8 All Measurement Types IMx-8 All Measurement Types IMx-8 All Measurement Types IMX-1 I IMX-1 IMX-1 IMX-1 IMX-1 IMX-1 IMX-1 I	~
Description		
Content		
Export hierarch Export hierarch	y only	
Export nierarch		
Between 2	025-01-13 V 00:00:00 🖨 and	2025-01-14 🗸 00:00:00 🖨
History		OK Cancel



Adding a note on trend plot

It is now possible to add a note by right-clicking directly on a trend. This should make it smoother to add notes when analysing trends.

Trend ext\Example Data\IN	tx\IHx-8 All Measurement Types\Trend	Types\MultipleGati	ng		
			- MultipleGating Operating Class 1 - Notes	6	So Event cases
2,2					
2,15					
2,1					
2,05					
2,0					
1,95		D New		×	
1,9		wore Note		^	
1,85		Properties			
1,5		Location	ext\Example Data\IMx\IMx-8 All Measurement		
1,75			Types		
1,7		Title:		✓ Add	
1,65		Datas	2019.09.12	•	
1,6		Date.			
1,55		Priority:	None	~	
1,5		Picture:			
1,45		Hyperlink:			
1,4]				_	
1,35		Signature:	admin, admin		
1,3		Content			
1,25		Comments			
1,2		Commerk:			
1,15					
1,1		-			
1,05		-			
1,0		_			
0,95	Y	-			
0,9	A. X-2x15	•			
0,85	TY Y-zeis	•			
0,5	I Max scale	Reples			
0,75	💠 Min scale	Date	Netrace	Signature	
0,7	Show phase				
0,65	Add note				
0,6	Line style				
0,55	Annotations				
0,5	and the state				
0,45	E Legend				
0,4	Save to Diagram Box	•			
0,35	Export		OK	Cancel	
0,3	Copy				
0,25					
0,2					
0,15					
0,1					
0,05					
0,0					
-0,05					
0.1					

Notes

Functionality has been added to use notes to communicate with other users of the same database. Select **File** > **Notes** to open the Notes view.

File Edit Date Database Co-line Portables	Wedaw Help				- 5 -
in the Color of th	s 🖕 🗆 4. 🗷 🗷 🖉 🖓 🖾 🖉 🖉 🖉 🖉 🖉 🖉 🖉 🖉 🖉	김 정희 정희 💶 - 101			💫 New sizeres
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- Multiple Dates					
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IMx-8/16 Power in bad/RMS

The **Frequency range** option has been added for F1-F4, which can be used to extract the band values (RMS) via Modbus.

General	📓 Acqui	sition	ating and Storag	e Conditions 🔏	Monitoring	🎒 Adaptive Alarming	Volume 2 Contract Con	
eneral	Frequency 1	Frequency 2	Frequency 3 F	requency 4 Ov	verall Custom b	and		
Frequen	cy 1							
	F	lone ixed frequency peed following requency range						

Phoenix API

The framework has been upgraded to .NET 6. This should significantly improve performance when using the Phoenix API.

Dashboard APP requests:

- Added API to retrieve pictures
- Create a note
- Edit an existing note
- Post a picture to an existing route
- Delete a note

A new endpoint, v1/systemcheck, has been added. This allows you to get information about when a sensor/point has not received data within a specified period. The period is defined using the **Auto Alarm** feature in Observer.

For more detailed information, refer to the API documentation.



Enhancements

RFT for capture event

RFT support for Event Capture has been added. Right-click on the part of the waveform you want to select in the Event Capture form. Then, choose **Open in RFT**.





TWF Crest factor

A new diagnosis rule has been added to allow the analysis of crest factor, kurtosis, and skewness for all points that store time waveforms

	🚔 Diagnosis ha	andling							\times
	Database:	ext							~
	Type:								
	Standard	~	~	~	~	~	~	~	î
1	SKF	SKF	SKE	SKF	SKF	SKF	SKF	SKE	
1	Alignment	Bearing	Belt drive	Blade/Vanes	Cavitation	Electrical, AC	Electrical, DC	Envelope	
		~	~	~	~	-	~		
	SKP	SKP	SKP	SKF	SKP	SKE	SKF		
	Gear wheels	Mechanical	Overall	Sleeve bearing	Turbulence	TWF	Unbalance		
		looseness				parameter			
n	Protean								~
	Diagnosis rules:								
	Name	Description							
	True PtP	This diagnoses	s always uses	SI eningeering uni	t m/s2 and pea	ak calculation			
	Kurtosis	This diagnoses	s always uses i	ratio with no engin	eering unit. Ba	sed on TWF from	n SIm/s2		
-	Skewness	This diagnoses	s always uses	ratio with no engin	eering unit. Ba	sed on TWF from	n SIm/s2		
1	Crest factor	This diagnoses	s diwdys Uses I	ratio with no engin	eening UNIt. Ba	sed on 1 WF from	n ərm/sz		
r									
¢	Export	Imp	ort	List attached					
а						Add	Edit	Del	ete

Data Bridges languages

An option to change the language in Data Bridge has been added, which can be found in the settings menu. The available languages are the same as in Observer: Czech, German, Spanish, French, Italian, Japanese, Korean, Portuguese, Romanian, Russian, Traditional Chinese, Simplified Chinese, Turkish, and Swedish.

eptiti	de Observer Data Bridge
	Username*
	admin
	Pacsaord "

	English ~
	Bulgarian
	Czech
	Deutsch
	Dutch
	English
	Finnish
	Francais
	Italian
	Japanese
	Korean
	Polish
	Portuguese
	Romanian
	Russian
	Serbian
	SimpChinese
	Spanish
	Swedish
	TradChinese

Bugs Fixed bugs



Bugs

Fixed bugs

- Fixed more than 50 bugs
- Analyse: 6
- Configuration: 12
- Data Bridge: 1
- Other: 13
- Railmo: 12

For a full list of fixed bugs, refer to the change log.



Insight Rail - Switching between alias names for assets in Observer hierarchy

Rail Monitoring new features

Insight Rail – Switching between alias names for assets in Observer hierarchy

For any asset (Train, Axlebox, etc.) in the hierarchy, it should be possible to switch between the default 'SKF' naming and a 'customer-specified alias'. The 'alias' name should be received from the Gen2 backend, and Observer should provide RDC with an easy way to toggle which name is displayed in the hierarchy at any time.

This means that we can more easily handle situations like the ones below:

- 377123-1.1.LH (default SKF naming)
 - Train=377123, Carriage=1, Axlebox=1LH
- 78523 Wheel 8 (customer naming for the same location)
 - Carriage 1 on Train 377123 is EVN=78523, and the position we call 1LH is what they call Wheel 8.



In the **Machine properties** pop-up for the Insight Rail sensor, if the customer labelling name is present, it will be displayed in this pop-up.

Rail Monitoring new features



Insight Rail – Switching between alias names for assets in Observer hierarchy

General Insight R	Extended Informa ail sensor	tion Machine spee	d Diagnosis	Protean Diagnoses	Attachments	Advanced	Machine parameters	RailMo	Enligh
Insight	t Rail sensor								
	\$	Sensor Metrics							
	5	Sensor IMEI							
	L	ocation Properties							
		/ehicle EVN or UIC				D20048			
	N	Wheelset position				110			
	١	Wheelset type				SelfPowe	ered		
	١	Wheel side				Left han	d side		
	N N	Wheel Diameter				950			
	N N	/ehicle status				InService	э		
	1	nner bearing manut	acture			TIMKEN	AP-2 SKFTest 12		
	1	nner bearing desig	nation						
	C	Outer bearing manu	facture			TIMKEN	AP-2 SKFTest 12		
	0	Outer bearing desig	nation						

In the Observer hierarchy, for the company node, an option is given to use customer taxonomy. If the customer's name is displayed, then the option will show **Use Apple Taxonomy**. You will be able to switch between these views to display either Customer or SKF naming accordingly.



RAIL MONITORING NEW FEATURES Add date when last measurement was received to Line Summary table



Add date when last measurement was received to Line Summary table

In the Mo system for users, it is often unclear from which date the last assigned data in the Line summary table is. The analysis picture sometimes shows a status that might be several weeks old. Therefore, it would be good to have an additional column with the date of the last assigned record.





Rail Monitoring enhancements

RailMo web clients

As a part of cyber security changes, all potentially sensitive tokens are now hidden in the web client. RCO Team discovered that potentially sensitive tokens are exposed to the world for RailMo/Metro customers. For example:

https://emeaservices.cmcrdc.com:51069/static/js/2.9dd3bc9d.chunk.js



https://emeaservices.cmcrdc.com:51069/config.js



As a fix, the team has removed the F12 – Inspect Element functionality from the web pages of the web clients. Now, if the user is on the landing page or any of the three web clients and presses F12, the development tools will not open, and they will not be able to view any data belonging to the web clients.

RAIL MONITORING ENHANCEMENTS



Compatibility of RailMo, Eventcases, Insight, and all 3 RailMo web clients with .NET 6.

Optimizing automatic deletion of RailMo data

Optimized the stored procedure for efficiently and quickly deleting matched/unmatched captures of RailMo data.

Under Observer **Options**-> **RailMo** tab there is an option to delete Matched/Unmatched captures and Noise monitoring data for a specific time in order to keep a check on the database size.

As the data is too large (a few TB) for one of the customers, enabling this feature is causing Observer to crash.

Hence, we created a database job that deletes data in batches to prevent the system from crashing. We tested the job for a few weeks, and when it worked well, we added it to the stored procedure that is called when this feature is enabled from Observer.

Automatical	deletion of old data		
	Enable	\checkmark	
	Matched RailMo captures:	0 [Months]	
	Not matched captures:	0 [Months]	
	*Noise Monitoring data:	0 *[Months]	

Compatibility of RailMo, Eventcases, Insight, and all 3 RailMo web clients with .NET 6.

Changes have been made to all three web clients to ensure they work as expected with the Phoenix API .NET 6 upgrade.

Additionally, several changes were made to the RailMo, Eventcase, and Insight APIs to return data as expected. The Insight Rail and web clients required data in a defined format, and after the .NET 6 upgrade, they were not working as expected.

EventCase	^
GET /v1/eventcases A list of all event cases	~ ≜
GET /v1/eventcases/pictures/{pictureId} Retrieve picture from the event case report	~ 🌢
DELETE /v1/eventcases/pictures/{pictureId} Delete a picture in Observer based on pictureId.	✓ â
POST /v1/eventcases/{eventCaseId}/{reportId}/confirm Post confirmation of a report into the event case.	~ ≜
POST /v1/eventcases/{eventCaseId}/{reportId}/correct Post correction of a report into the event case.	~ ≜
POST /v1/eventcase Create event case in Observer.	~ ≜
GET /v1/eventcases/{eventCaseId} Felch event case related to the EventCaseID	~ ≜
POST /v1/eventcases/pictures POST picture to the event case report	~ ≞

Rail Monitoring enhancements



Compatibility of RailMo, Eventcases, Insight, and all 3 RailMo web clients with .NET 6.

MainLine	^
OET /v1/mainline/trains List all trains in mainline	∨ ≜
CET /V1/mainline/{trainId}/shocks List all shocks of trains in the mainline	∨ ≜
GET /v1/mainline/{machineId}/shocksAmplitude List noise amplitude of machines.	∨ ≜
CET /v1/mainline/microphoneMachines List all machines which has microphone points under them	∨ ≜
CET /V1/mainline/frequencyBandsList List all frequency bands of all microphone points.	✓ ≜

RailMo	^
GET /v1/railmo/trains All trains	∨ ≜
GET /v1/railmo/trains/{trainId} Single train	 ✓ ≜
GET /v1/railmo/stations/{captureid} Stations	✓ ≜
GET /v1/railmo/station/{stationId} Single Station	✓ [⊥]
GET /v1/railmo/stations AllStation	✓ ≜
GET /vl/railmo/lines Alllines	✓ ≜
GET /v1/railmo/bounds/{id} Bounds	✓ ≜
GET /v1/railmo/sections/{id} Sections	 ✓ ≜
GET /v1/railmo/sections/{id}/captures Captures	 ✓ ≜
GET /v1/railmo/region Regions	 ✓ ≜
GET /v1/railmo/sections/{id}/chainagecaptures ChalnageCaptures	✓ ≜
POST /v1/user/acceptEULA AcceptEULA	✓ [⊥]
POST /v1/user/password/change Change password	✓ [≜]
GET /v1/railmo/configurations RallMo Configurations	 ✓ ≜
GET /v1/railmo/Getobserverversion RailMo Get observer version and DB Name	~ ≜

Insight

•	
POST /vl/insight/testJsonSchema	∼ 🕯
POST /v1/insight/telemetry Saves a new dynamic measurement into the database	✓ ≜
DATE A 4 4	A
POST ///insignt/venicle Receives venicle commission CREATE or OPDATE from insignt Rail Cloud Example ORE for Call: http://iocalinost.soutuv/api/insignt/venicle	~
GET /v1/insight/getNodeIDAndNodeName Returns Nodeld and NodeName corresponding to the VehicleID, WheelsetID and AxieboxID passed.	× 🗎



Rail Monitoring fixed bugs

Insight Rail MVP – Failing Observer telemetry

The Telemetry API was failing to save to Observer in the Observer Service. Observer complains about *energy_remaining* being empty



This was happening because Observer was treating 0 as a missing value, whereas it is a valid measurement value. Changes were made so that if the measurement value tag is empty in the Telemetry JSON, it is considered empty. However, if the value is 0 or 0.0, it is considered a valid measurement value and accepted.

Refreshing Observer with empty hierarchy generates error message

When a user opens any database in iOS, removes all nodes under Company, and right-clicks to refresh the Company node, an error popup appears as follows:



This bug is now fixed.

Rail Monitoring fixed bugs Measurement Points of capture groups not appearing on the hierarchy



Measurement Points of capture groups not appearing on the hierarchy

After upgrading Observer from 13.4 to 13.5, measurement Points of capture groups are not reflecting in the hierarchy. Upon clicking the plus/expand option, it shows empty for all capture groups, such as event capture, run cycle capture, and schedule capture.





Observer 13.5

We found that this was happening due to Insight Rail hierarchy changes. As a fix, we added a validation check for the event capture group globally using the *IsHavingInsightAccess* property.

Tool tip is missing in the spectrum Point from 13.4 build

Tool tip functionality to show machine details and point details is no longer visible in the spectrum Point after the 13.4 release. Due to this, users are unable to get point information. Expected result was that it should be shown as below which was missing in the latest version.



This bug now fixed.

RAIL MONITORING FIXED BUGS



Capture view shows data, but rail acceleration and speed profile page are empty

Observer data transmission delay

The captures was "discarded" based on current day, If buffered data was arriving a lot was "discarded".

Example

IMx day 1, storing 300 capture, communication to monitor ok. Monitor stores 50 and truncate 250
IMx day 2, storing 300 capture, communication to monitor Not ok.
IMx day 3, storing 300 capture, communication to monitor Not ok.
IMx day 4, storing 35 capture, memory full, communication Not to monitor ok.
IMx day 5, storing 0 capture, communication to monitor Not ok.
Communication back, Monitor stores 50 captures form day 2 and truncate the rest.
IMx day 6, storing 300 capture, communication to monitor ok. Monitor stores 50 and truncate 250

IMx day 1, Monitor stores 50 Communication back day 5 Monitor stores 50 captures form day 2 Monitor stores 50 captures form day 3 Monitor stores 35 captures form day 4 Monitor stores 0 captures form day 5

We made changes in the code to get the last capture date and event capture for the days when the monitor service was stopped. Additionally, changes were made to find the event capture's last captured date in the query using **created at** instead of **updated at**.

Capture view shows data, but rail acceleration and speed profile page are empty

Post Observer 13.4 update

In the main capture view, we can see that there is data captured but when you go to **RailMo** > **Select the railway line** > **Acceleration** and **Speed profile** there is no data.

torispace Chapters Aulti-	Company/Simulator/PICCG					
000-21 100-21 100-20 20 20 20 20 20 20 20 20 20 20 20 20 2		нар. ненет. каран каран тол ка		Tantanakan Bergapan - P Taga Bergapan - P George La Chag - Konstantin Bergapan - P George La Chag - Konstantin Bergapan - P George La Chag - Konstantin Bergapan - La Dhag Provenger - La Dhag	Causana deba 1027 000 000 000 000 000 000 000 000 000	 Contract Contraction Contraction Contred Contraction

When filter is applied, no latest data is seen

This bug fix was delivered in build **13.5.1**.



Metro Web Client: Event cases confirmed option is not working

Unable to confirm the event case from the web client. It is throwing the error as below:

Linie 15/Linie 12 Chiodwigplatz Ulrepforte S-N Bound 1 ID Date Chainage Rail Analyst Severity Confirmed Action Charts 4 25 Nov 2020, 12:55:17 PM 420-450 Linable to confirm exception in Observer EvertClases service. The current view Not set, please confirm Not set, please confirm	Line		From		То		Bound		
ID Date Chainage Rail Analyst Severity Confirmed Action Charts 4 25 Nov 2020, 12:55:17 PM 420-450 Linable to confirm exception in Observer EventCase service. The current view Not set, please confirm	Linie 15/Linie 12		Chlodwigplatz		Ulrepforte		S-N Bound 1		
4 25 Nov 2020, 12:55:17 420-450 Unable to confirm exception in Observer EventCase service. The current view Not set, please confirm	ID	Date	Chainage	Rail	Analyst Severity	Confirmed	Action	Charts	
West be incorrect. Fredad Greek toy for futurer information.	4	25 Nov 2020, 12:55:17 PM	420-450	Unable to confirm exception in C MAY be incorrect. Please check	Observer EventCase servio	ce. The current view	Not set, please of	confirm	

This bug is now fixed.

Exception when clicking on measurement in bubble chart, speed and acceleration page

Getting an unhandled exception when clicking the measurement from the bubble chart and also from the Speed and Acceleration page.



This bug is now fixed.

Metro: Departure and arrival stations are the same for both bounds but should be reversed for the opposite bound.

In Metro web client stations are showing same for both bounds although they should be reversed when looking at the opposite bound.

🖂 🕹 Aachenerstr. Gürtel	Helaten -> Aachenerstr / Gurtel
⊟ ¥ Incoming connection	🖃 🖆 Aachenerstr / Gürtel
Aachenerstr. Gürtel <- Wüllnerstr.	E 👗 Outgoing connection
🕹 Wüllnerstr.	Aachenerstr / Gürtel -> Wüllnerstr.
📕 Wüllnerstr. <- Dürenerstr./Gürtel	👃 Wüllnerstr.
Dürenerstr /Gürtel	Wüllnerstr> Dürenerstr./Gürtel
Dürenerstr./Gürtel <- Brahmsstr.	🕹 Dürenerstr./Gürtel
👃 Brahmsstr.	🗎 Dürenerstr./Gürtel -> Brahmsstr
Brahmsstr. <- Stüttgenhof	- 🍐 Brahmsstr
👃 Stüttgenhof	Brahmsstr -> Stüttgenhof
Stüttgenhof <- Marsdorf	🕹 Stüttgenhof
👃 Marsdorf	Stüttgenhof -> Marsdorf
Harsdorf <- Haus Vorst	🕹 Marsdorf
👃 Haus Vorst	Marsdorf -> Haus Vorst
Haus Vorst <- Frechen Bf	👃 Haus Vorst
👃 Frechen Bf	Haus Vorst -> Frechen Bf
Frechen Bf <- Frechen Kirche	👃 Frechen Bf
👃 Frechen Kirche	Frechen Bf -> Frechen Kirche
Frechen Kirche <- Frechen Rathaus	👃 Frechen Kirche
👃 Frechen Rathaus	Frechen Kirche -> Frechen Rathaus
Frechen Rathaus <- Mühlengasse	🕹 Frechen Rathaus
👃 Mühlengasse	Frechen Rathaus -> Mühlengasse
📕 Mühlengasse <- Frechen Benzelrath (🕹 Mühlengasse
🖆 Frechen Benzelrath (7)	Hühlengasse -> Frechen Benzelrath (
📕 Aachenerstr. Gürtel -> Melaten	Frechen Benzelrath (7)
Jahr Melaten	Aachenerstr / Gürtel -> Maarweg
Bound 1: Incoming connection	Bound 2: Outgoing conne



This bug is now fixed.



Web client: Showing same departure and arrival station for both nound

Track Section	n Summary		
Line : Linie1/Lini Direction : Boun Departure Statio Arrival Station :	le7/Linie9, d 1 /W-O n : Brahmsstrasse (Stüttgenhof (7)	7)	
Left Rail	Brahmsstrasse (7)	9000 90000 9000 9000 9000 9000 9000 9000 9000 9000 9000 9000	Stüttgenhof (7)
Right Rail	Brahmsstrasse (7)	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	Stüttgenhof (7)
Track Section	n Summary		
Line : Linie1/Lin Direction : Bour Departure Statio Arrival Station :	ie7/Linie9, nd 2/ O-W n I Brahmsatr (7) Stüttgenhof (7)		
Left Rail	Brahmsstr (7)		Stüttgenhof (7)
Right Rail	Brahmsstr (7)		Stüttgenhof (7)

To fix this, we made API changes to return **IsIncomingConnection**. And we use this in web client code to check and accordingly design the bounds.

Request URL	
http://localhost:10005/v1/railmo/sections/339	
Response Body	
<pre>"legthUnt": "m", "id": 339, "description": "0", "status": 0, "active": true, "modifiedUnit": "UTC", "statusChanged": "0", "statusChanged": "0", "statusChanged": "0", "statusChangef": "0", "chainageChangefrom": 0, "chainageChangefrom": 0, "chainageChangefrom": 0, "chainageChangefrom": 0, "chainageChangefrom": 0, "chainageChangefrom: 0, "chainagefrom: 0, "chainagefrom: 0, "chainagefrom: 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,</pre>	
"features": [], "isIncomingConnection": true }	-
4	



Enlight Collect Manager Phoenix dashboard new features

Sharing monitor settings via QR code

The monitor setup now includes an option to generate a QR code, which can be shared or saved to a file and used to replicate the same setup on another device.

Click on the share icon \leq in the top right to generate a QR code and display it in a new window.

On the Monitors list, there is a camera icon on the caption bar. Click to activate the phone's camera, and to scan the QR code. The monitor settings will be imported.

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14:24 🖬 🖬 G … 🛛 🔌 🗟 .il 100% 🗎	
× Test Server	Ś
Delete Monitor or start typing to edit the information	
Name	
ec2-18-197-132-215.eu-central-1.comp	ute.am
MQTT Port	
Secure Connection	1
Use TLS/SSL	
Active Directory Login	
Enable AD Login	
Domain Nama	
SAVE	
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Note replies

Note replies

When used with Observer 13.6, users may view the new note replies and add new replies to the note. Click **Reply** to enter a reply and post it back to Observer.

Only users whose Observer role includes editing of notes will be able to send replies.

A prompt will ask for confirmation before posting the reply to Observer.

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14:36 🖬 🖬 Ġ … 🥂 🗟 .il 100% 🛢
← SubMachine Note 🕥
Location: Company\IMx-1 Test Node\IMx-1 Test Machine\IMx-1 Node 1
Date: 15 Oct 2024 13:56
Hyperlink: <u>skf.com</u>
Comment:
No comment!
Signature: Innes, Simon
Replies:
Date: 15/10/2024 13:00:44 Reply to add added note Innes, Simon
Date: 15/10/2024 13:01:02 Second reply Innes, Simon
Date: 21/10/2024 14:36:38 This is a new note reply Innes, Simon
REPLY
< 0 ≡



Notes pictures

When used with Observer 13.6, users may view or replace the note picture.

If the picture icon next to the Hyperlink text is in gray colour, this means the note does not have a picture.

Clicking on the picture icon when there is no picture will show a prompt allowing the user to choose a picture from the phone's photo library or take a picture using the camera.

The picture can be previewed before using the Add button to save it to Observer. Once added, the picture icon is colored blue.

A similar process exists for notes with existing pictures, whereby the picture may be replaced.

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14:50 🖬 🖬 G \cdots 🛛 🔌 🗟 .il 100% 🗎	
← SubMachine Note	ፍ
Note created offline	ľ
Priority: Plan for action	0
Location: Company/IMx-1 Test Node/IM Test Machine/IMx-1 Node 1	x-1
Hyperlink: me.com	-
Comment:	
Testing pending save	
Signature: Innes, Simon	
Replies:	
REPLY	
< ○ ≡	

Editing an existing note

Editing an existing note

When used with Observer 13.6, users may edit an existing note.

This requires note editing privileges. If the user has these, an edit note icon will be visible at the top right of the note title.

When the icon is clicked, a note editing view will pop up, allowing the editing of the four main fields of the note. Other properties, such as pictures and replies, are handled separately.

Click **Save** to save any edits back to the server.

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16:11 🖬 🖬 G … 🛛 🔌 🗟 .iil 100% 🗎	
← SubMachine Note	ណ
Note edited in the app	C
Priority: Plan for action	0
Location: Company\IMx-1 Test Node\IM: Test Machine\IMx-1 Node 1	x-1
Date: 21 Oct 2024 10:08 Hyperlink: <u>me.com</u>	
Comment:	
Testing pending save	
Signature: Innes, Simon	
Replies:	
REPLY	
< 0 ≡	





Entering a new note

When used with Observer 13.6, users may create a new note using the app.

This requires note editing privileges. If the user has these, a create note icon will be visible in the top right of the notes list (only when this list is showing notes for a single location).

When the icon is clicked, a note editing view will pop up, allowing the editing of the four main fields of the note. Other properties, such as pictures and replies, are handled separately. The note title and comment are mandatory before saving is allowed.

A confirmation prompts before saving the note. Once saved, it will appear in the original list.



Deleting a note

Deleting a note

When used with Observer 13.6, users may delete notes.

This requires note editing privileges, and users may only delete notes that they originally created. To delete a note, swipe it to the left and a **Delete** option appears.

If you attempt to delete a note created by someone else, the action is blocked.

If the user is allowed to delete the note, a confirmation prompt appears.

If the user chooses to delete the note, a confirmation message will appear once it is deleted and it will no longer appear in the list.







App translations

The app supports the languages that are available in Observer.

The app will follow the primary language selection in Android or iOS.

15:18 🗳 🖨 🖪	
	SKF.
SKF Enlight	
Nom d'utilisateur-	
Mot de passe	Ø
S'IDENTIFIER	
Se souvenir de moi	

Monitor : Home Office Observer 13 Accéder aux paramètres système