EG MainManager ERFA 2024

Siden sidst

EG MainManager

Let's go further

Agenda

- From last time
- MM Facility App
- MM Helpdesk app QR code scanning
- Interface improvements
- Accessibility
- New inspection module
- Questionnaire schemas
- Object type helptext
- Data warehouse views
- 2D, 3D, GIS additions
- EG MainManager FM documentation
- Release process and visibility

From last time

- Last physical ERFA meeting was in 2022

- New ownership of EG with new possibilities

- EG MainManager FM implemented for 90% of our customer base

- 1 new EG MainManager baby

- Three volcano eruptions in Iceland (again)

- 403385400 Earthquakes

- As always we use our customers input as well as our experience

- We are looking forward to getting your wishes and ideas here today ☺

Finished Roadmap Items

- EG MainManager web
    - Be able to work in an interface that supports Universell udforming WCAG 2.0
    - Be able to use keyboard for the whole system
    - Be able to select Dark mode
    - Be able to select through special mode (or global search) floating objects in tree selector so that I can work with all types of objects in MM in similar way (Property item, artifacts, gauges, sensors, vehicles etc.)
    - Be able to load on demand in tree 1st level (or pagination)
    - Be able to see more than 100 records in the list at once
    - Be able to in a simple manner select nothing selected for a dropdown so that I do not have to scroll up long lists to do that
    - Be able to see sub data filtered on the finance years selected in filter so that I can focus on the most important things and also not move to first page when adding or changing sub data
- Dashboard and my page
    - Be able to fetch necessary data from MainManager so that I can do my own reporting and analysis (Data warehouse views)

EG

Finished Roadmap Items cont.

- Building archive

  - Be able to use the new Norwegian building component standards (NS)

  - Be able to get instructions when creating systems of different type so that I do my work in the right manner

  - Be able to see icons with my active data inside rooms in interactive drawings similar to presentation in GIS maps

  - Be able to register workstations/parking places/bicycle racks on building spaces and locate them as symbols on interactive drawing

  - Be able to manage my cranes and navigate to them through GIS and interactive drawings

  - Be able to manage my storage tanks and delivery tanks

  - The database to be automatically populate/update with object type structure, site type, building type, space usage, document types, based on selected classification(s) from embedded Excel arc to simplify setup of new customers

  - Be able to measure areas of polygons and measure distances between two points on GIS map

  - Be able to locate all location based objects in an intuitive way on map and have good overview in lists and tree of which objects are located, located by address or not geographically located

  - Be able to merge two ore more building spaces so that it is easy to manage changes to room structure

  - Complete and updated addresses from GeoNorge - including municipality and county - postcode and place, county and municipality must be updated automatically when changes occur (this happens quite often in Norway)

  - Be able to create, use and download 2D drawings in MM as pdf showing fire layers defined in AutoCad.

  - Be able to use AFF standard for registration of building components so that I can register my building systems

  - Be able to register my roads, feeder pillars, light poles and luminaires so that it can be used as objects in operation and maintenance, helpdesk and lease management

- Human resources

  - Be able to change information (Email, phone numbers) on employee or person and it updates this information on all instances of this person so that it not necessary to do this multiple times

- Document management

  - Integrate to Fotostation

  - Be able to process document that come from email stack

  - I would like to be able find and download drawings in a document portal

- Asset management

  - Be able to register vehicles

  - Be able to locate artifacts on interactive drawing with icon and coordinate

  - Be able to locate equipment with icons on interactive drawings in an approved way

- Property management

  - Be able to let lease contract referance to a head contract

  - Index regulate lease based on 12 months average index

  - Partly index regulate lease payments

  - Improved calculations of payments and visualize payment periods

  - Be able to connect housing to building spaces in an easy way and view information registered on them throughout my processes

  - Be able to handle merværdi calculations for Norwegian refunding of tax

  - Be able to handle common lease (gjengs leie) lease contracts

  - Be able to handle revenue-based lease contracts.

Finished Roadmap Items cont.

Finance management

- Be able to register and handle purchase orders in a quick and user-friendly way so that I save time
- Be able to invoice financial transactions with a defined add-on percentage so that I can bill all my projects
- Be able to integrate Unit4 ERP system to MainManager
- Be able to link my fixed assets to the object structure so that I have a good overview over depreciations
- Be able to import transactions from OBS and send invoices for transactions back to finance system

Condition assessment and maintenance needs

- Be able to use condition-based maintenance (recurring incidents) in connection with condition registration and sensor integrations so that incidents are triggered when condition levels go above or below limits
- Be able to use 5 level condition grades
- Be able to integrate Things cloud IoT system to MM to be able to import Sensors and sensor readings

Helpdesk/Service management

- Be able to register incidents without being able to select from map to locate the incident
- Be able to use questionnaires where question paths can be different based on different answers so that I can get the right feedback from users
- Be able to setup up KPI response demand and charts in a simpler way
- Be able to scan QR code to get info on object or create work order/incident/inspection for that object OBJECT-TODO FORM
- Be able to login through Azure AD into Facility app
- Be able in first login through Azure AD to be created as a user in MainManager if am not already created there, so that I can keep track of my incidents
- Be able to scan QR code to select location or object in Helpdesk App
- Be able to log into MM Helpdesk/MM helpdesk portal/Web with 2 factor authentication to be able to register incidents on the building I am leasing in .

Operation and maintenance

- Be able to publish standard task so that only published standard tasks are visible in Play function and actions to create tasks from standards task. Also that standard tasks coming from Digital delivery does not mix with other standard task unless decided so.
- Be able to handle my work orders in new Facility app
- To have the option to create a report from a filled-out checklist
- Be able to perform checklist inspections and To-Do lists in new data model and interface, Also through interactive drawings and BIM
- to be able to administrate and get a better overview over my checklists
- Be able to create tasks from play action in an improved manner and be able to have an overview over sites that have missing standard tasks
- Be able to perform inspections (new checklist concept) in the new facility app
- Be able to get my tasks prolonged automatically and in defined cases also be automatically approved so that I save time and do not forget to do this
- Be able to finish work order in a simple and quick way
- Be able to register maintenance incidents (behov) and move them to tasks (tiltak) and do the necessary budgeting
- Be able to subscribe to fire inspections and automatically get inspection report sent when inspection is finished
- be able to take out statistics about survey answers and send emails to relevant parties.
- Be able to register material on work order through lookup in product list/inventory location so that I can register all material usage for my work
- Be able to register hours with time stamps
- Be able to send and receive Excel document from supplier with (Tilstandsanalyse) condition analysis and work with the results so that I can manage the maintenance demands

Cleaning management

- Be able to create location structure and drawings within Cleanpilot from MainManager

Energy management

- Be able to integrate to Enerkey (EG Omega) so that we can have a first class energy management system

EG

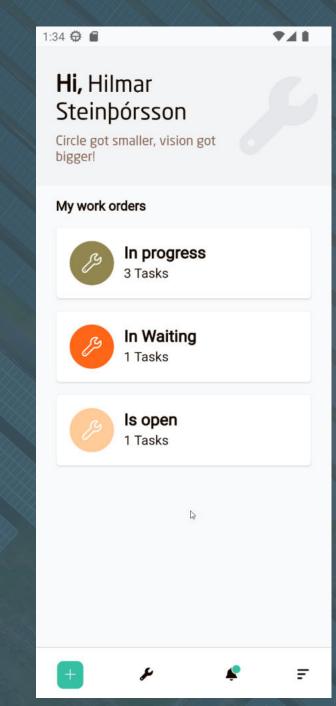# Result from 2022

Nr	Beskrivelse af forbedringsforslag	1-3-7-9
D3	Enkelt oppsett (10 vs. 2 klikk)	84
A4	Tilføjelse af nye brugerdefinerede felter - også gerne på app	83
D5	MM kundeforum	83
C7	Kvalitet og stabilitet efter release	79
C5	Space mangement flere filformater -	76
E1	Integration Revit (missing link) måske læring	74
D12	Åpne API'er (tegninger og muligheter for åpne/egendefinerte felter)	73
E4	Kobling mellem økonomi og resultater ift. Tilstand	73
B4	Branninspektion igennem at trykke på icon på branntegninger	71
B5	Indeklima evalueringer på rum etc., opregnet på bygninger	67
B2	Hente oppgaver fra datafordeler for energimærke?	66
C1	Datafordeler BBR	66
A2	Gameification hvor brugeren drives af point og konkurrence - mest i forhold til oplæring og onboarding	64
D6	Kundeparametre (ref sustainability & envitoment & energi)	63
A1	Simple opsætninger og flere standardroller	62

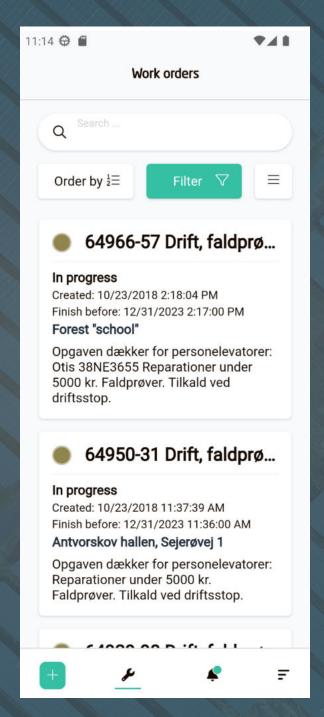|		
C10	URL helt ned på objekt niveau	62
D10	Sustainability/envitoment/energi	62
C6	Indlæs flere fileformater til space manaagement - open source filformat.	58
B1	Opdateringer af bygninger fra datafordeler og hente for eksempel energimærke	57
A5	Parkeringspladser vist på GIS-kort	56
D8	Filformater (eks. låst på dwg) - åpne API'er	56
D7	Sambruk arealer -> bedre utnyttelse	55
E2	DKV koereplan (kontroller) out of the box ift. Organisatorisk samspil mv.	55
D1	Salg nye kunder (sexy salg) - enkelt lett forståelig oppsett	53
E3	Standarder norsk ift. Bygningsdele	50
C3	Space managment - vertikal - 3D overflader.	49
D11	Key figures IoT	47
C2	Norske standard NS3547 - konverteringsmotor i MMFM	46
C9	LER 2.0 - ladestationer	45
C8	Appen - den nye app samme login som det gamle.	33

We use your feedback as input to our roadmap

We are looking forward to hearing your ideas today ☺

MM Facility App

- Available on Googles Play Store and Apples App Store

- Work orders

- Inspections

- QR code scanning

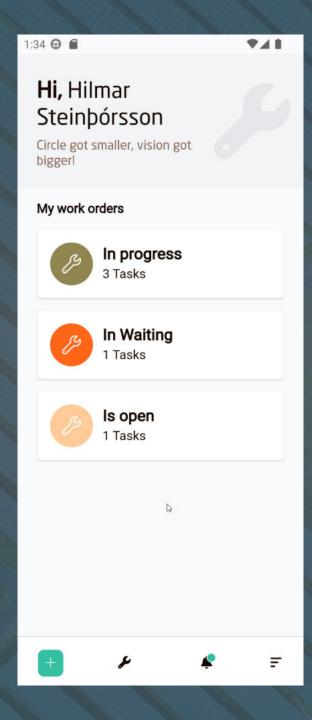- Reminders

- Questionnaire schemas

- Adjustable fields

MM Facility App - Overview

- Shows users work orders grouped after status

- Possible to access work orders behind each status

MM Facility App – Work order list

- Users work orders shown in list

- Possible to filter after same fields as in web solution

- Possible to order list after all columns

- Possible to search in list

- Possible to register a new work order

- Possible to register a question scheme

EG

MM Facility App – Work order

- Information about location

- Possible to change status

- Follow the data setup from web solution

- Access to all sub data available in work orders

MM Facility App – Chat

- Possible to chat with stakeholders attached to the work order

- Notifications sent for new messages

MM Facility App – Reminders

- Possible to register reminders to yourself or other users

- Notification sent to users when reminder date is up

MM Facility App – QR code scanning

- Possible to scan qr codes to open data from MainManager

- Possible to connect property windows and actions to all objects

MM Facility App – Inspections

MM Facility App

- Download from Googles Play Store or Apples App Store. Search for MM Facility

- Use App Key: Simple

- Reach out to your CS contact to get login information

MM Helpdesk App – QR codes

- Possible to connect QR codes to all object structure

- Possible to scan QR codes to locate an incident

Interface improvements

- Scroll position of large lists
- Nothing selected in dropdown lists
- Toolbar visible in scrolling
- More lines possible in lists
- Possible to navigate to object through global search and list
- Improved navigation in tree (speed, all objects selectable)

Accessibility

- WCAG 2.0 standard
- Dark mode
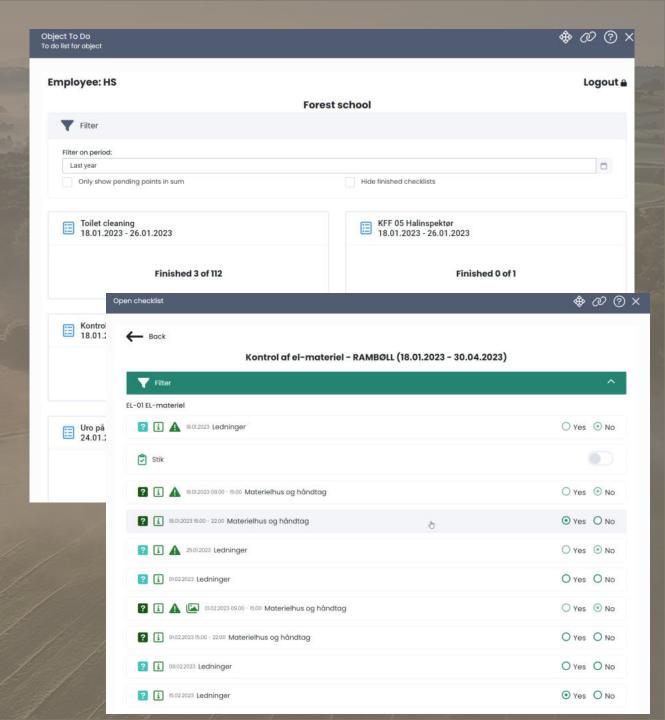- Screen readers
- Contrast of colours
- Keyboard navigation

Object type helptext

- Possible to register helptext on types of objects

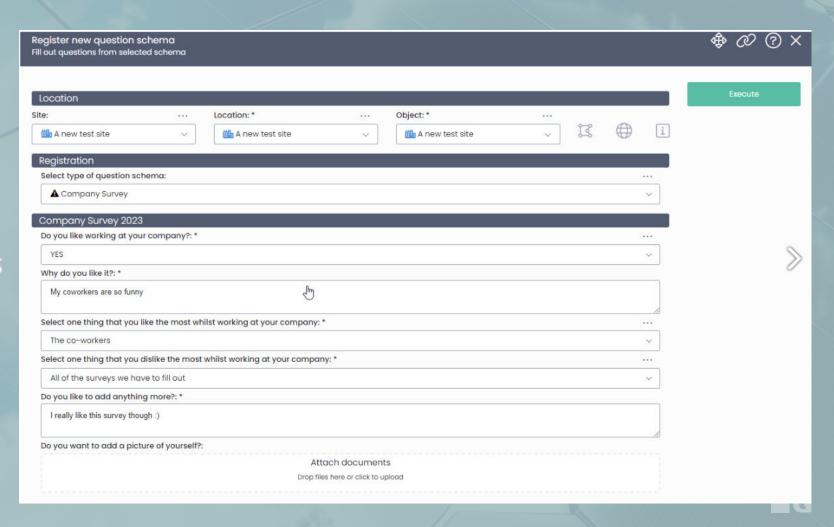- This text is available everywhere where the object is displayed

New inspection module

- New inspection module with new possibilities
- Scheduled checkpoints
- Possible to combine different types of check points
- Inspections through drawings
- New inspection report
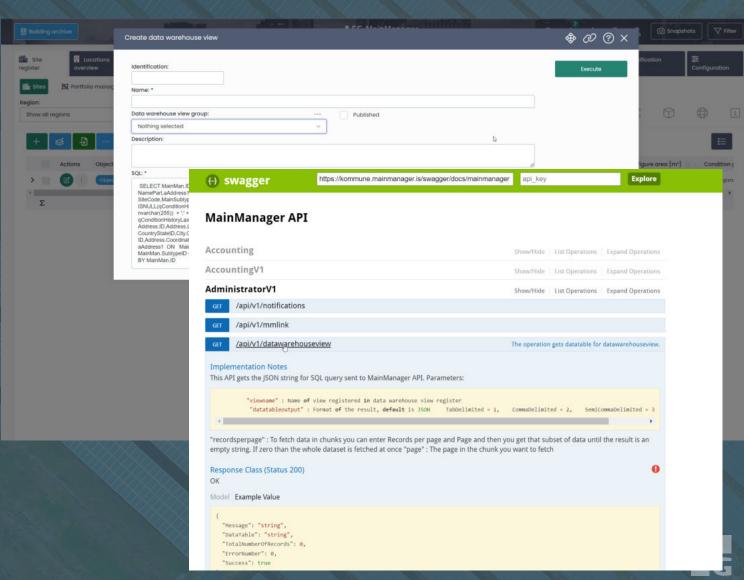- Subscribers on reports

Questionnaire schemas

- Possible to setup questionnaires

- Register questions and anwers

- Connect questions to answers

- Report that shows result

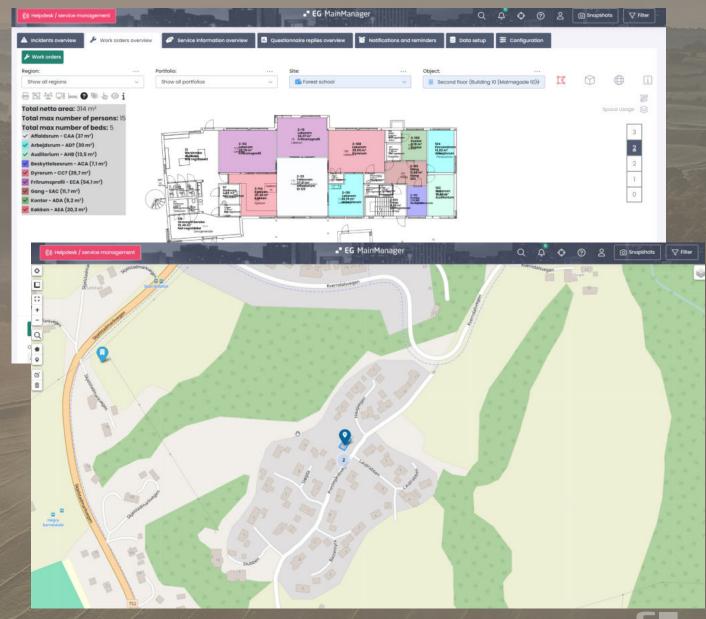- Possible to setup subscribers to the result report

Data Warehouse views

- Possible to publish all data from EG MainManager

- Easy to setup

- Requires no programming

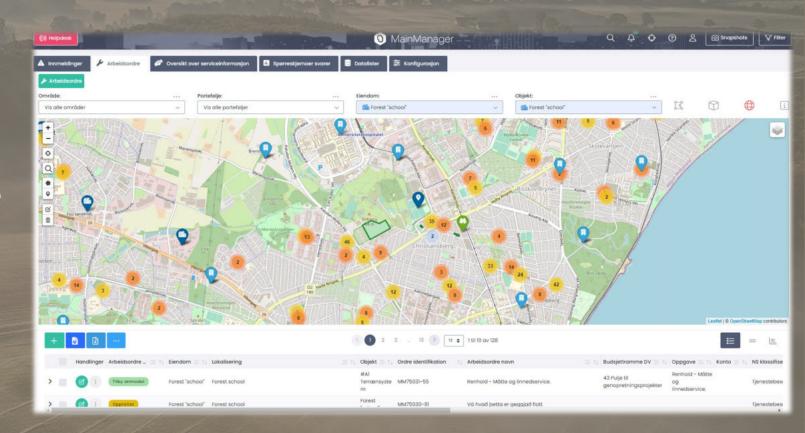- External systems can access data through Data Warehouse View API endpoint

Graphical additions

- Measurements on GIS map
- Full screen GIS
- Document layouts
- Locate all objects on GIS map (points and areas)
- Perform inspections through icons on 2D drawings
- Floor selector

EG MainManager FM

- All new EG MainManager customers are implemented in MainManager FM

- 95% of existing customers have been converted from version 11 to version 20

- All customers should be converted in 2024

EG MainManager FM – Online Manual

- 4 Releases each year
- Release notes sent out 2 weeks before
- Online release presentation 1 week before
- Videos available at EG MainManager channel

EG

Let's go further