



Presentation

Berendsen / Elis

SERVICE 
PLANNER

Brief introduction

We wanted to make maintenance and the fulfillment of repetitive tasks more structured for the technicians.

Therefore, we developed Service Planner.

Service Planner gives your technicians an overview like never before. Their daily maintenance tasks will show each day according to the chosen service frequency and the technician can document the fulfillment of the task.

Service Planner brings together repetitive maintenance tasks, documentation and serves as a databank for the machines.

We are currently running on our version 2.0 of the system. The version is continuously under development.



What is Service Planner?

- Systematization of maintenance tasks on machines
- Securing documentation
- Digital database for the machine park
- Tool for both management and for technicians
- Generates machine data for use in decision making (Buying / Replacement of machines)

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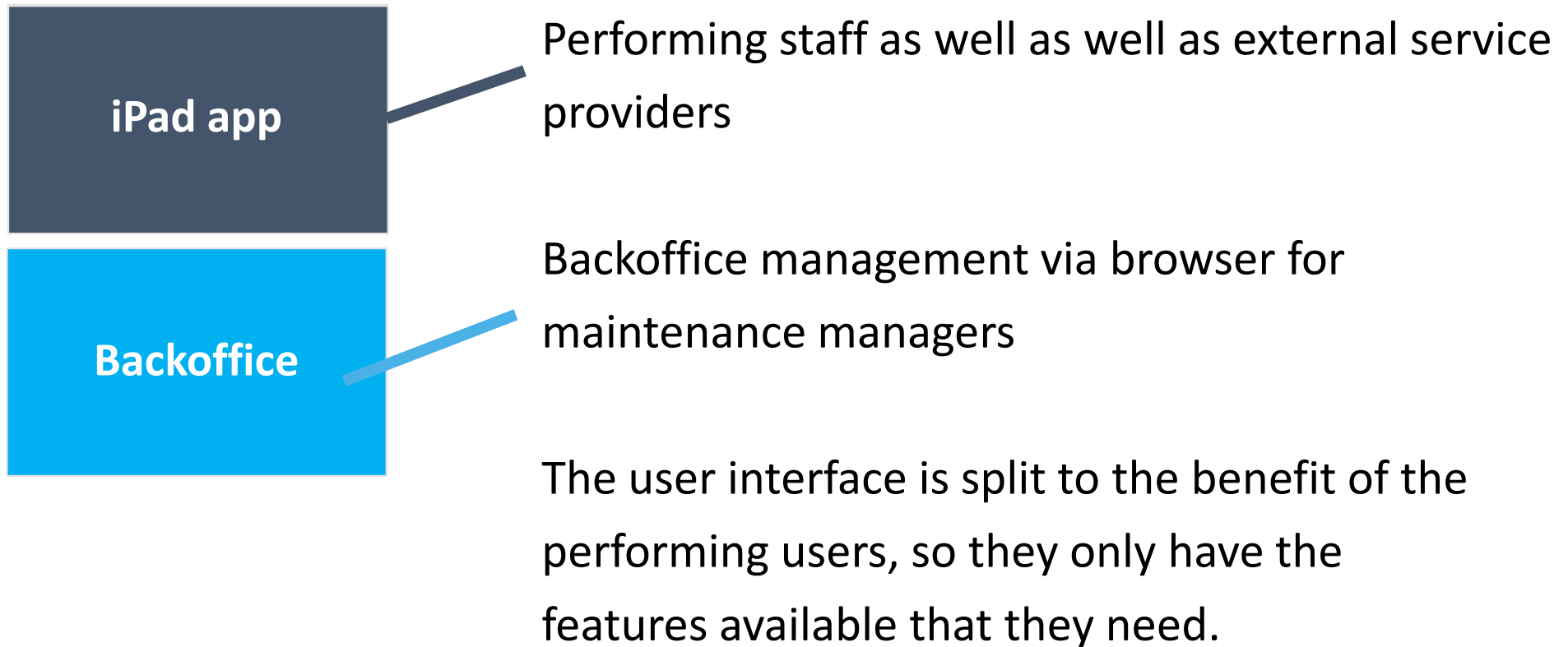
Documentation

- Documentation of fulfillment of tasks via log and QR scan
- Changelog of all events on machines / units

Positive audit response from



Two-part interface

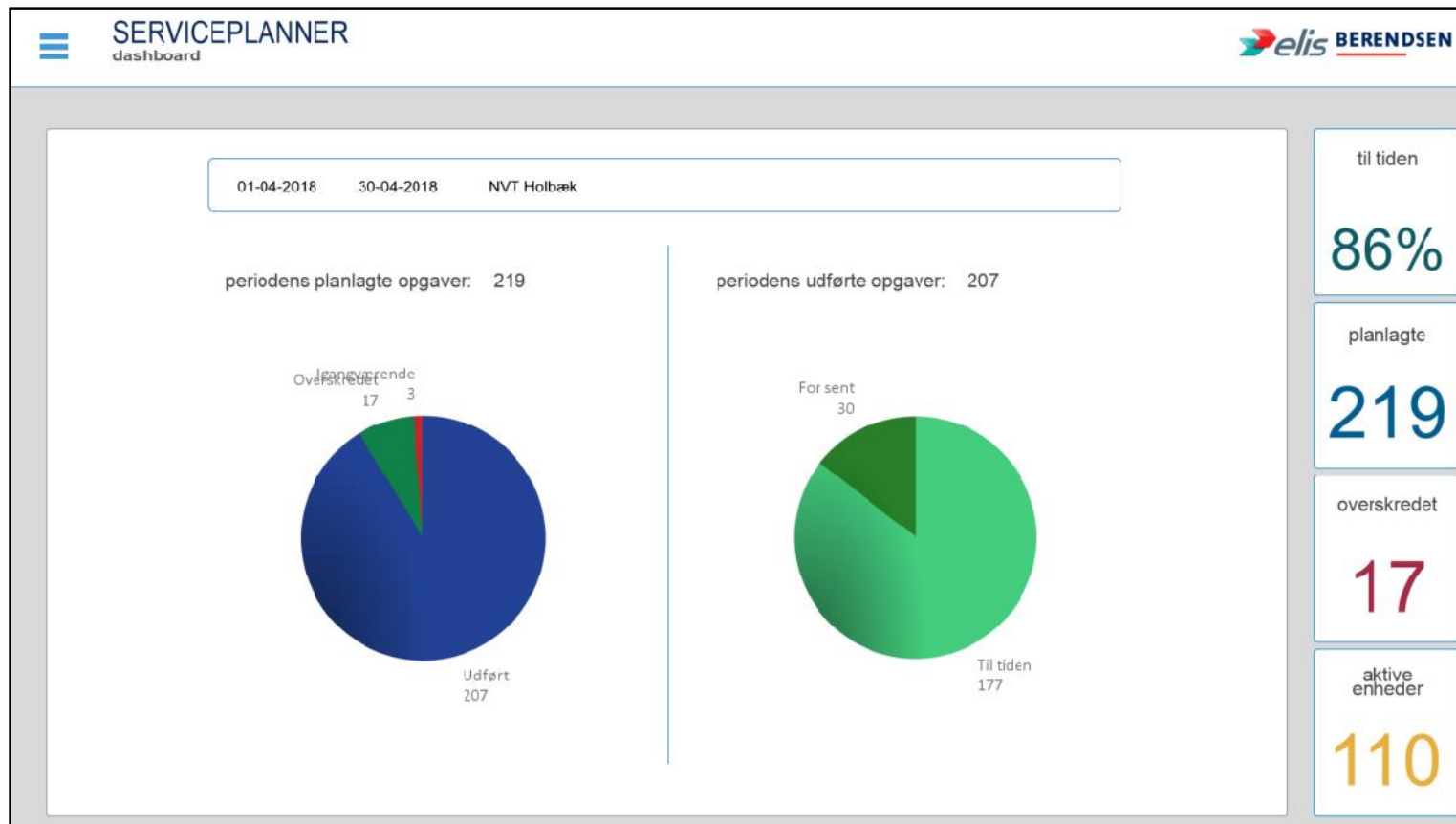


Backoffice
features



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Backoffice dashboard



How many tasks are done / planned in the period / done after deadline

How many units / machines are active

Upcoming features on dashboard:

Number of planned tasks for the coming 7 days.


Management of corrective actions


As well as a number of other initiatives

Creation and display of units / machines

Upcoming features:

Tab with safety issues on the machine across departments.

**MODEL**
enheder




[< Tilbage](#)

EnhedstypeVaskemaskine

ModelnavnPharmagg 800

EnhedsbeskrivelseFindes både i en udgave hvor vandet opvarmes indirekte via veksler samt en udgave hvor dampen tilføres direkte i vandet.
Den indirekte version findes i Cleanroom.









enheder


opgaver


filer

leverandører

Enhed	Produktionsafsnit	Lokation		
545317	Bygning 7 (TR)	Linje 1 - 01	>	
906918	Bygning 6 (TR)	Linje 6 - 11	>	
059136	Bygning 2 (CR)	DEPOT (Tidl. 7-01)	>	
171637	Bygning 2 (CR)	Linje 9 - 01	>	
347138	Bygning 6 (TR)	Linje 3 - 06	>	
407739	Bygning 6 (TR)	Linje 6 - 12	>	

Creation and display of tasks + Checklists 1/2

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Servicekategori	Opgave	Frekvens	Team	
Vedligehold	Månedligt service	Månedligt		> 
Vedligehold	Kvartalsvis service	Kvartalsvis		> 
Vedligehold	Kalibrering af vejeceller	Årligt		> 
Vedligehold	Årligt service	Årligt		> 

Creation and display of tasks + checklists 2/2

tilføj oplysninger om opgaven der ønskes udført.

Kvartalsvis service af vaskemaskine.

Gøremål	Felttype
Kontrol / Rengøring af elmotor	<input checked="" type="radio"/> Checkbox <input type="radio"/> InputField
Rengøring af niveauføler	<input checked="" type="radio"/> Checkbox <input type="radio"/> InputField
Rengøring af el-skab	<input checked="" type="radio"/> Checkbox <input type="radio"/> InputField
Rengøring generelt	<input checked="" type="radio"/> Checkbox <input type="radio"/> InputField
Afprøvning af nødstop	<input checked="" type="radio"/> Checkbox <input type="radio"/> InputField
Kontrol af tromle / svejsninger	<input checked="" type="radio"/> Checkbox <input type="radio"/> InputField
Gøremål	

The tasks for each machine is created and is added a number of todos. You can choose between check-box or entryfield for each todo.

The input field can be used for reading of meters or similar with the purpose of generating af report.

Documentation and activitylog

PHARMAGG 800 LINJE 9 - 01 - BYGNING 2 (CR)			
status	aktivitetslog	filer	kommentar
Aktivitet	Deadline	Udført	Udførende
Månedligt service	03-04-2018	26-03-2018	NVT Holbæk
Kvartalvis service	03-05-2018	04-05-2018	NVT Holbæk
Årligt service	04-05-2018	07-05-2018	NVT Holbæk
Månedligt service	03-05-2018	04-05-2018	NVT Holbæk
Kalibrering af vejeceller	04-05-2018	08-05-2018	NVT Holbæk

All done tasks on the specific machine/unit are tracked in the machines/units activity log.

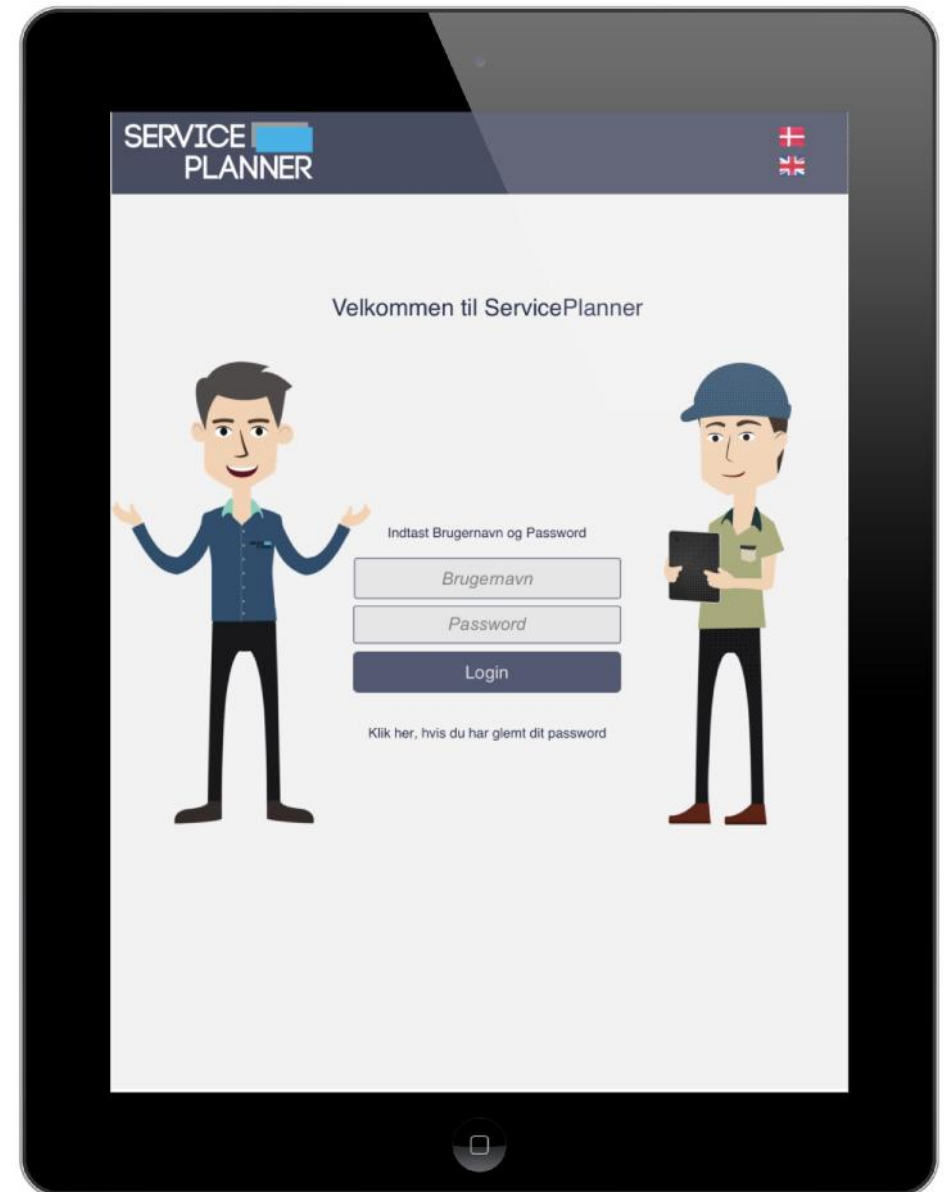
Features
Performing users



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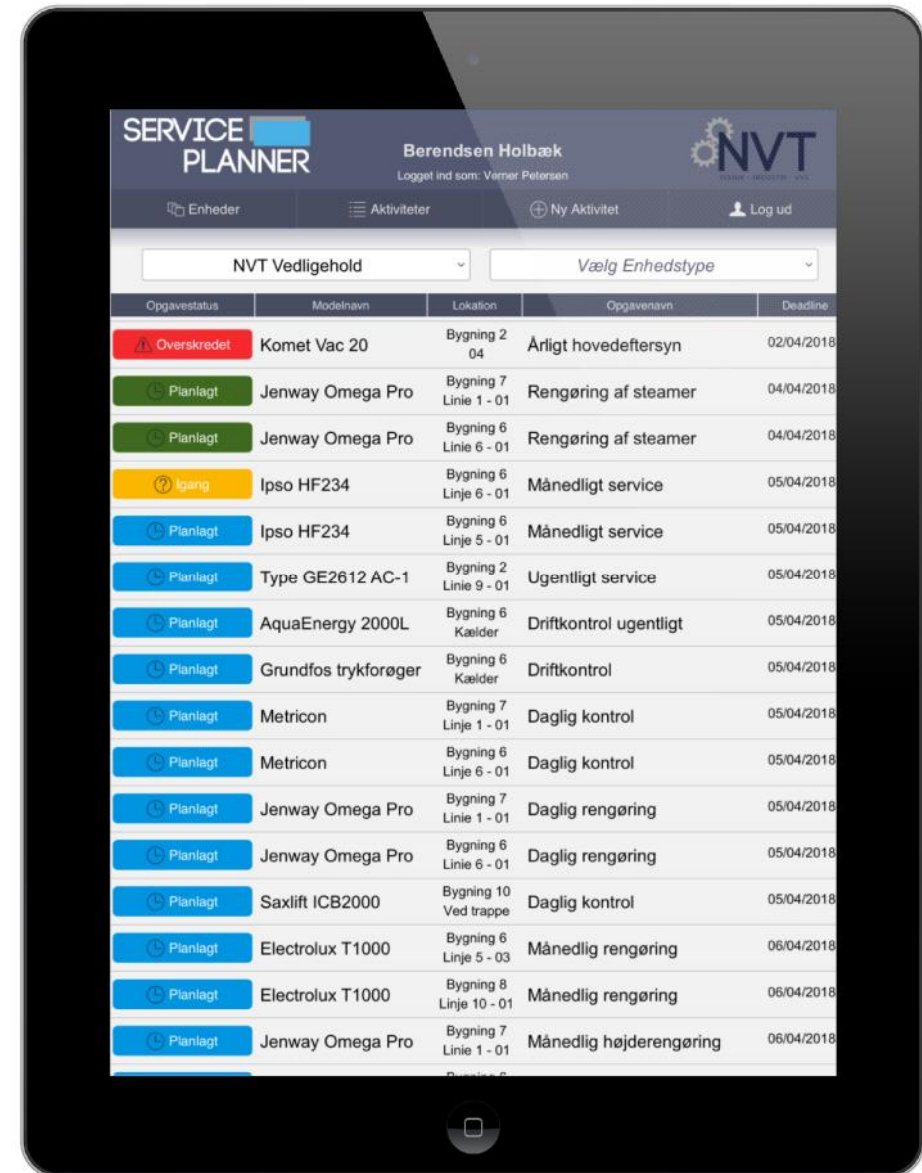
Login

- On the ipad app's login page, the user fill out the username (e-mail) and their password.
- If a user forgets their password, our system can send an e-mail with the code within a few seconds.



The task list

- The task list for the performing users
- Displays the status of tasks with colors and text (Red: Overdue, Green: Today, Yellow: Ongoing, Blue: Planned)
- The documentation of doing the actual task is done by checking the todos on the task and scanning the machines Service Planner QR code.
- On the task list, employees can sort by device type or on which team they want to see tasks for.



Performing a task

- The task is opened by scanning QR code on the machine. (QR –scan is optional,, but leads to increased documentation)
- Then the tasks todos will be displayed
- The performing users can choose to complete the task or mark it as ongoing..
- In addition, the performing user can send a corrective action notice to its manager for an observation / additional task that should be done on the machine/unit

Electrolux T41200

Er naturgasopvarmet og er en tumbler med kip. Dvs. at maskinen kan vippes frem mod operatør for at lette tørring.

Maskinens låger er følsomme og vil ikke lade maskinen starte hvis de ikke er lukket 100 %.

Lokation Linje 2 - 03 - Bygning 7 (TR)

Deadline 12/03/2018

Udførende Jens Norbert - NVT El-team

Beskrivelse
Rengøring af tørretumbler. Tumbleren skal rengøres og støvsuges.

Månedlig rengøring

Rengøring generelt	<input type="checkbox"/>
Kontrol af følere	<input type="checkbox"/>
Rengøring indvendigt	<input type="checkbox"/>

Her kan du skrive en kommentar, eller en korigerende handling. Vælg type i menu.

Kommentar

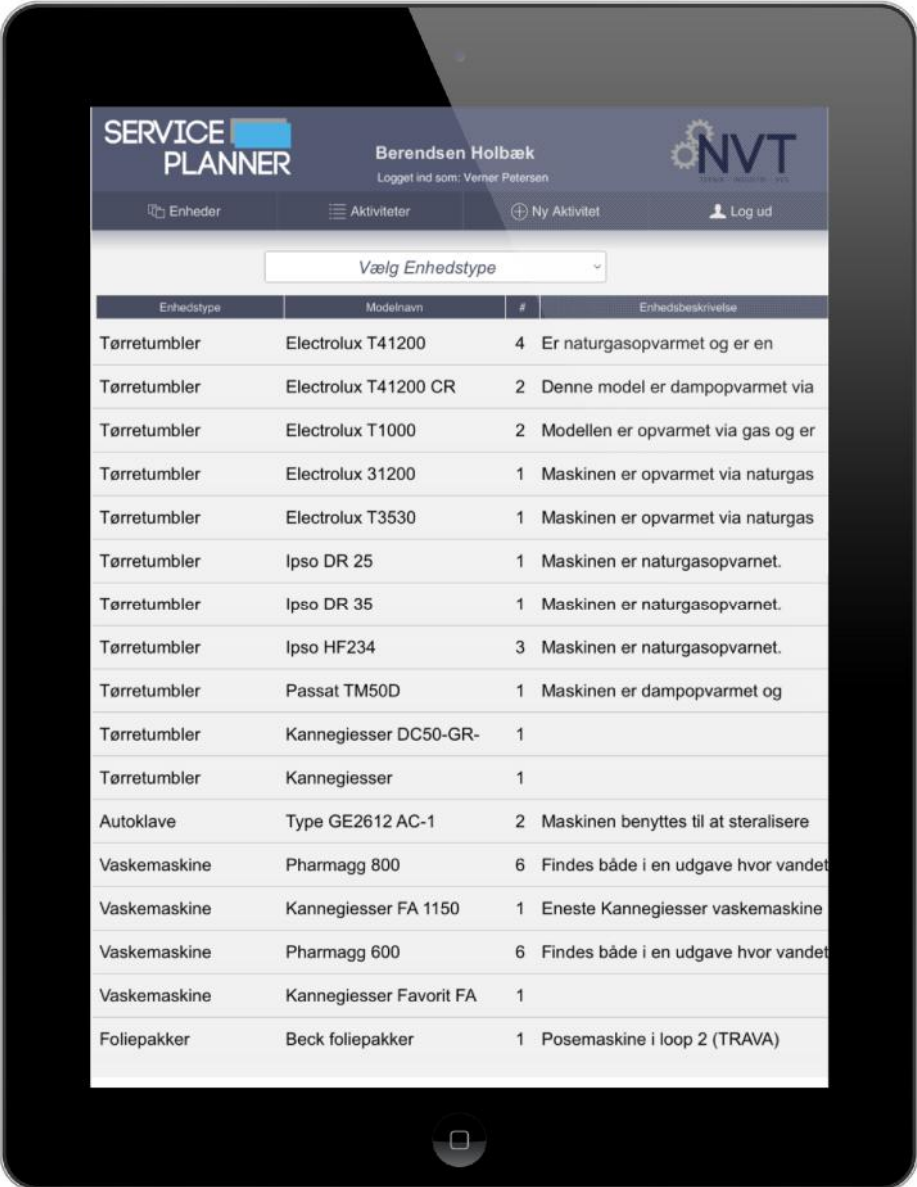
Delvist udført, da der mangler

Planlagt Igang Afsluttet

Luk Opgave

List of models

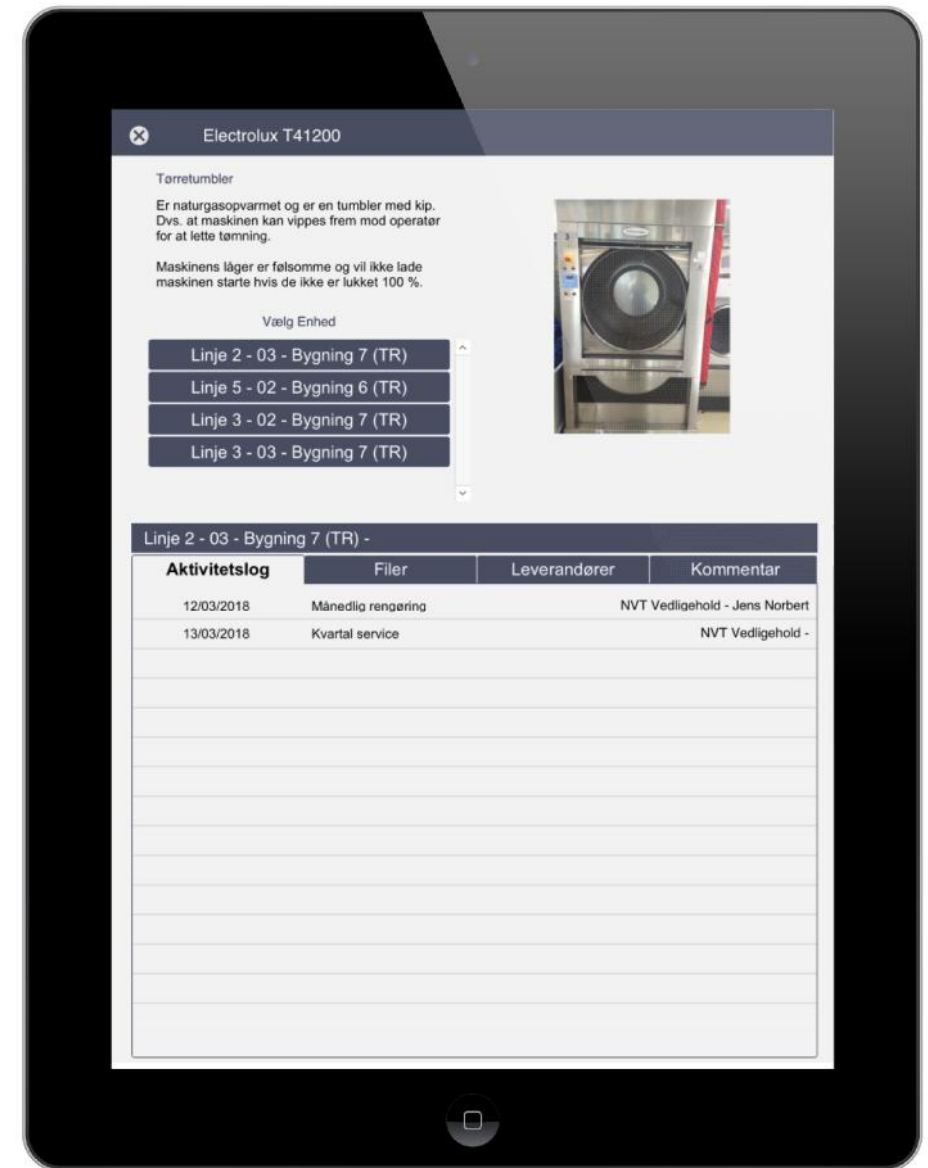
- The user can find the created models that are related to the users organisation.
- Under each model the user will find the models units. This means that the recurring tasks only should be set up once for each model, no matter how many units that are under the model.
- The model list can be sorted by device type so that users can view only tumblers or washing machines.



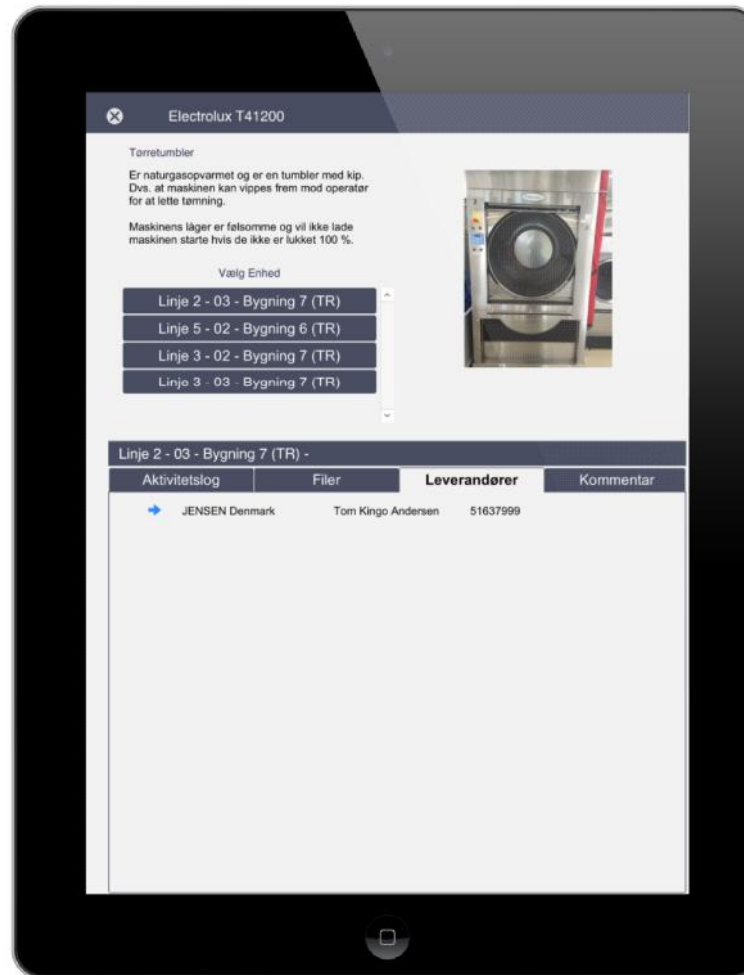
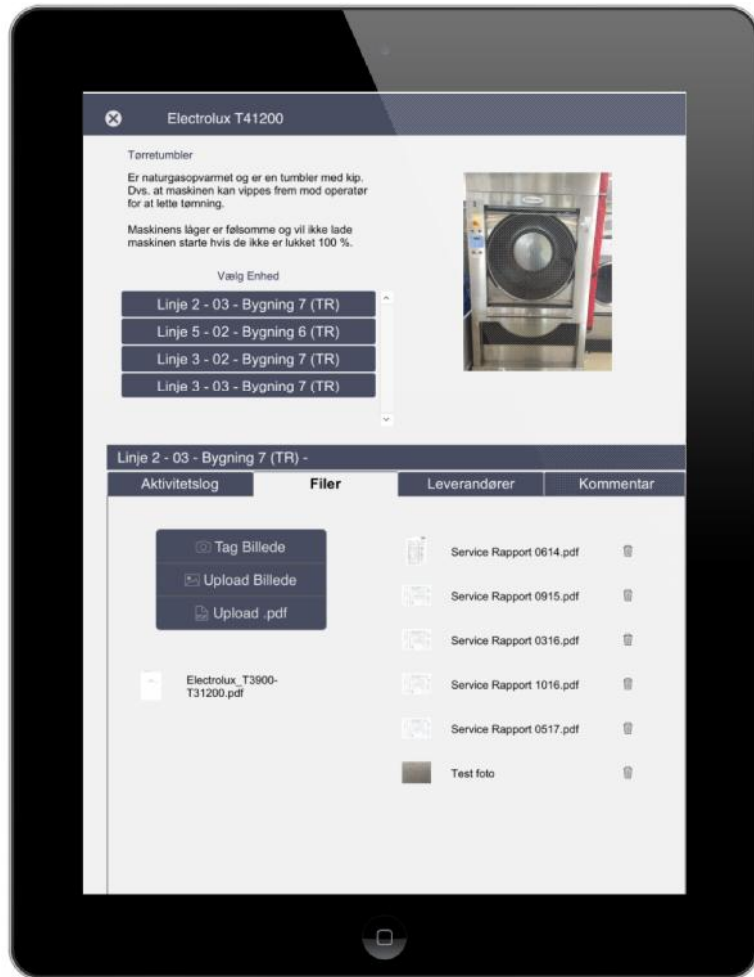
Enhedstype	Modelnavn	#	Enhedsbeskrivelse
Tørretumbler	Electrolux T41200	4	Er naturgasopvarmet og er en
Tørretumbler	Electrolux T41200 CR	2	Denne model er dampopvarmet via
Tørretumbler	Electrolux T1000	2	Modellen er opvarmet via gas og er
Tørretumbler	Electrolux 31200	1	Maskinen er opvarmet via naturgas
Tørretumbler	Electrolux T3530	1	Maskinen er opvarmet via naturgas
Tørretumbler	Ipso DR 25	1	Maskinen er naturgasopvarmet.
Tørretumbler	Ipso DR 35	1	Maskinen er naturgasopvarmet.
Tørretumbler	Ipso HF234	3	Maskinen er naturgasopvarmet.
Tørretumbler	Passat TM50D	1	Maskinen er dampopvarmet og
Tørretumbler	Kannegiesser DC50-GR-	1	
Tørretumbler	Kannegiesser	1	
Autoklave	Type GE2612 AC-1	2	Maskinen benyttes til at sterilisere
Vaskemaskine	Pharmagg 800	6	Findes både i en udgave hvor vandet
Vaskemaskine	Kannegiesser FA 1150	1	Eneste Kannegiesser vaskemaskine
Vaskemaskine	Pharmagg 600	6	Findes både i en udgave hvor vandet
Vaskemaskine	Kannegiesser Favorit FA	1	
Foliepakker	Beck foliepakker	1	Posemaskine i loop 2 (TRAVA)

Display of a model and its units

- After selecting a specific model, the performing user will be able to see the list of the available units and then see data for each device.
- Every unit is marked with a location description and the building they are placed in.
- Additionally, the user can access:
 - Activitylog (Log of all activities)
 - Files (Download / Upload files)
 - Suppliers (See model specific suppliers)
 - Comment (Add comments to the unit)



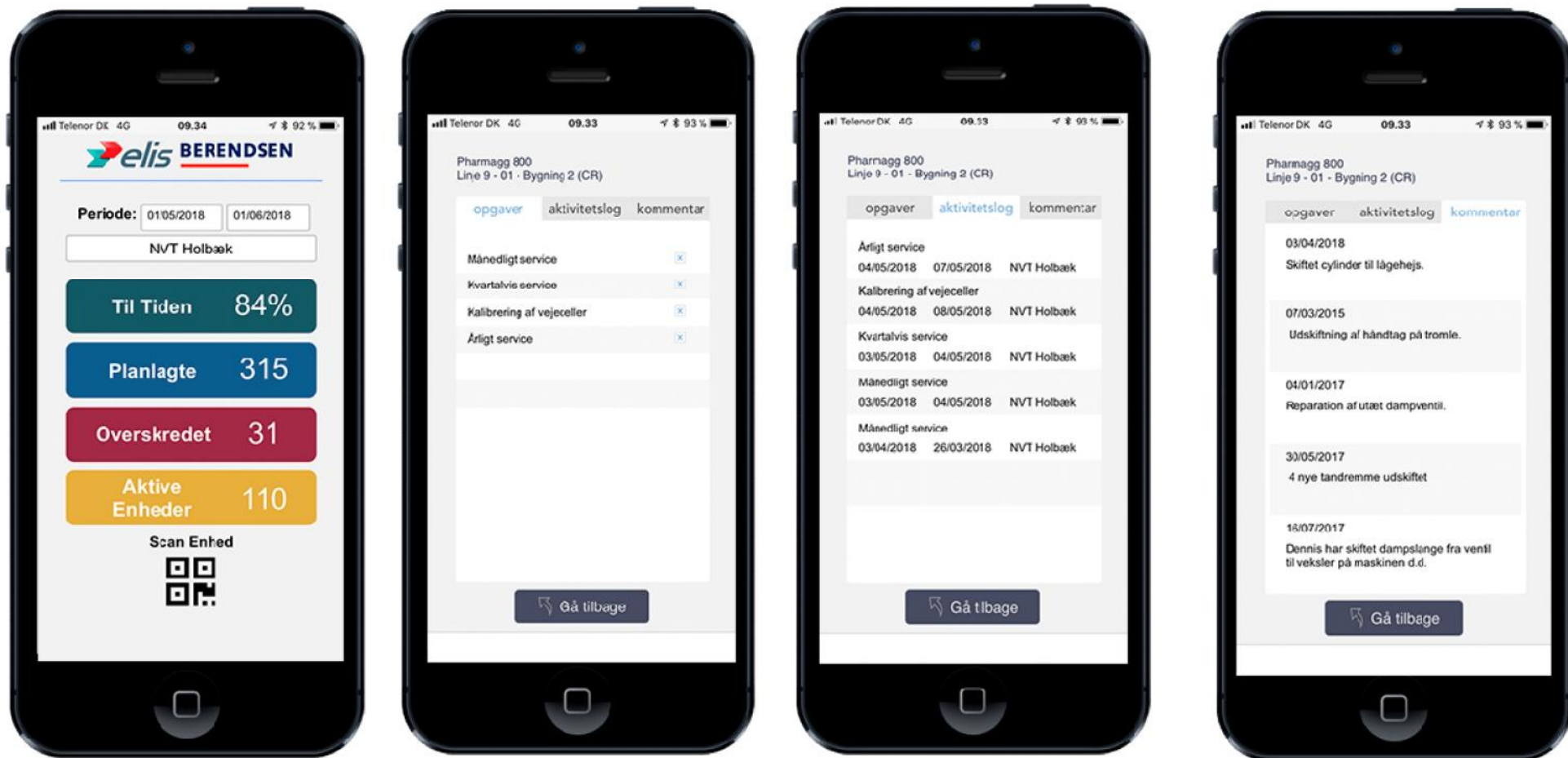
File upload on units



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Quick-view iPhone app

The general user interface is made for iPad, but we have created an interface for iPhone that makes it possible to get easy information from a machine by scanning the machines QR code. The app also gives quick overview of the maintenance performance.





Thank you for taking a closer look at our system

You are very welcome to contact us if
you have any questions.

Contact our consultant Emil
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info@serviceplanner.dk

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