YOUR PROFESSIONAL MAINTENANCE SOFTWARE

With the operating and maintenance software SAMBESI you keep track of your installations

SAMBESI

SAMBESI NFC

*With **SAMBESI**, paperless documentation.*

Say goodbye to paper forms. Checklists can be easily and conveniently processed by smartphone or tablet.

MAINTENANCE SOFTWARE DIGITIZED

With extensive planning, management and optimization of all maintenance processes, you can increase the availability of your installations and reduce maintenance costs. A suitable maintenance software can help you with this.

SAMBESI is a professional software that helps you to control the flood of data for the entire maintenance process. You increase the availability of your installations, perform maintenance more efficiently and thus reduce costs. In addition, the know-how relating to the condition of the equipment remains within your company, accessible anytime.

With the operating and maintenance software **SAMBESI** you keep track of your equipment and report to the authorities at any time. The software shows you when and where to perform which tasks.

With **SAMBESI** Mobile, you can easily edit on-site maintenance, record measured values, and add photos. This means that you have all documents and the complete installation status at your fingertips, thanks to the mobile devices. **SAMBESI** digitizes your work processes and is therefore the ideal application for organisations of any sizes.

ADMINISTRATION

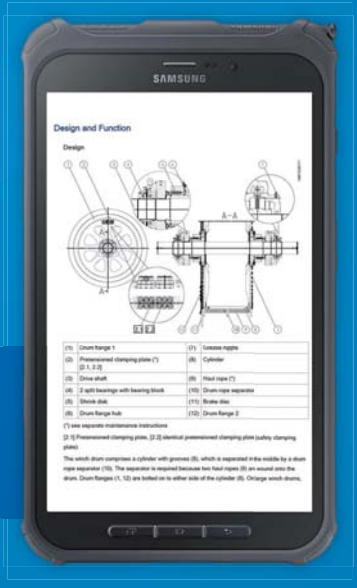
MANAGEMENT

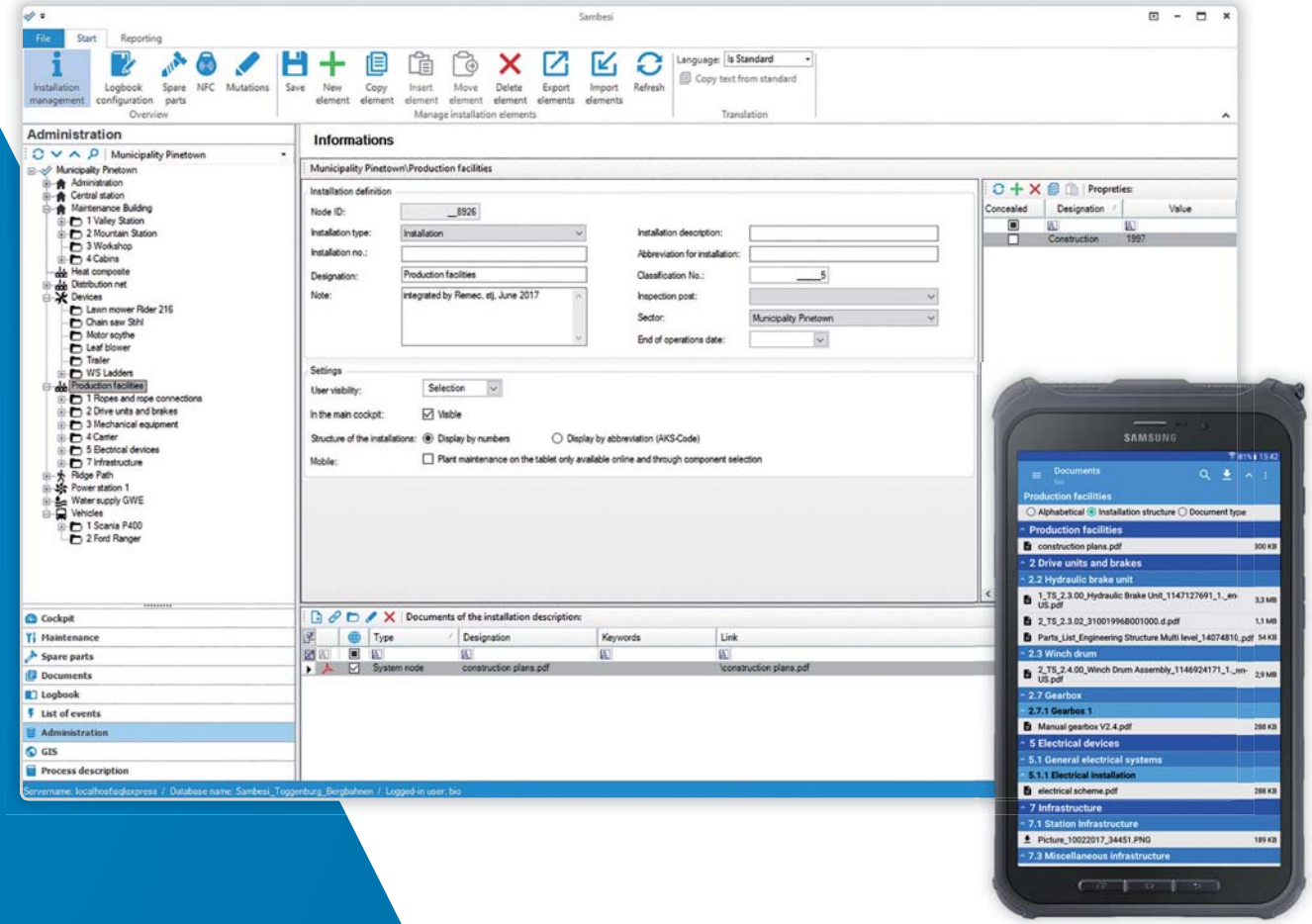
In the management of your installations you are responsible for all operations. The construction of the installation structure can be chosen to suit your requirements and adapted at any time. Our experience and extensive library from various industries enables you to efficiently record all information.

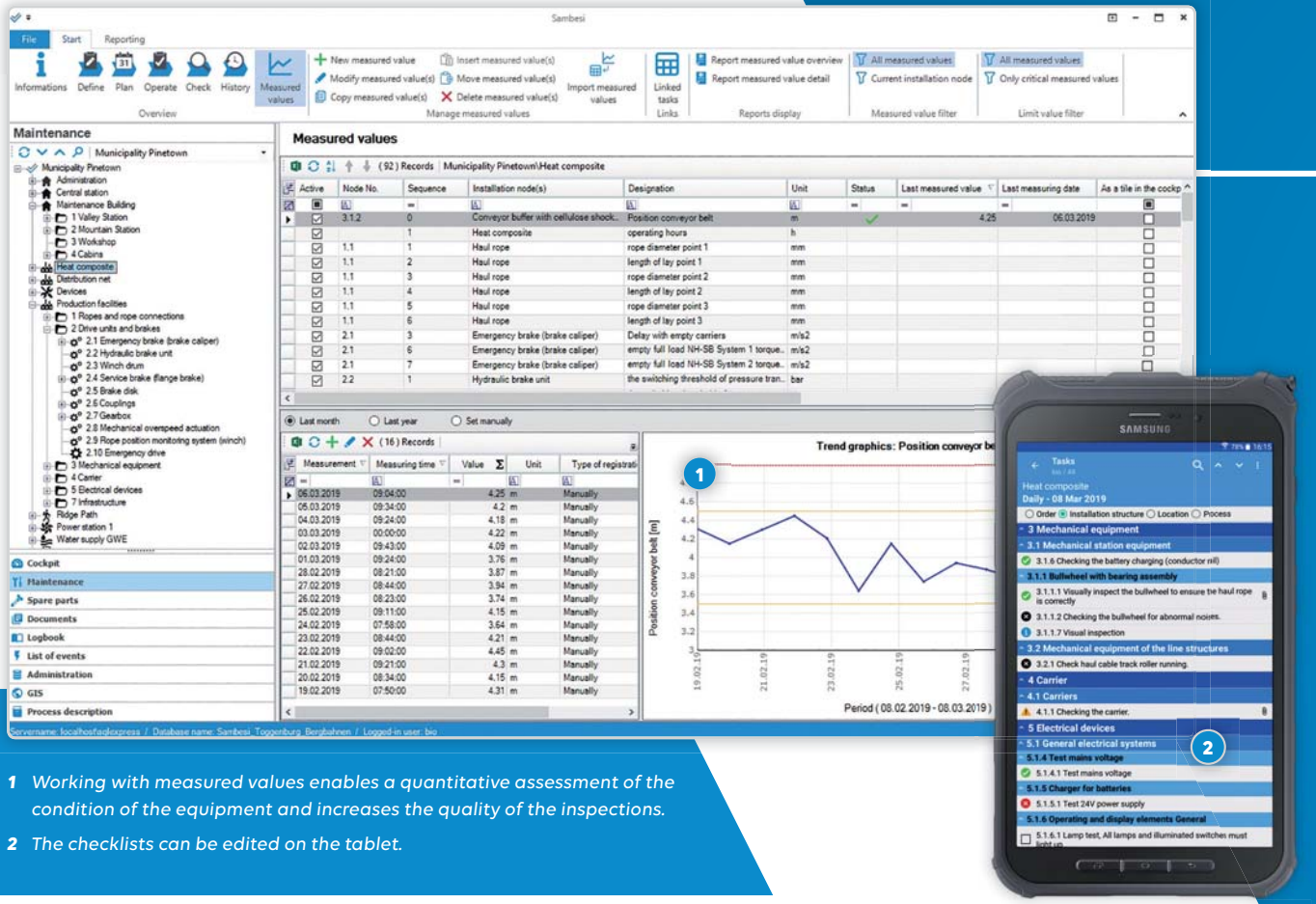
DOCUMENTS

Add documents to your installation structure. By storing operating instructions, maintenance checklists, construction plans and pictures, you can keep track of all installations.

All documents can be downloaded to the tablet and are thus also available offline.




Sambesi
File
Start
Reporting
Installation management
Logbook configuration
Spare parts
NFC
Mutations
Overview
Save
New element
Copy element
Insert element
Move element
Delete element
Export elements
Import elements
Refresh
Manage installation elements
Language: Is Standard
Copy text from standard
Translation
Administration
Municipality Pinetown
Administration
Central station
Maintenance Building
1 Valley Station
2 Mountain Station
3 Workshop
4 Cabins
Heat composite
Distribution net
Devices
Lawn mower Rider 216
Chain saw Stihl
Motor scythe
Leaf blower
Trailer
WS Ladders
Production facilities
1 Ropes and rope connections
2 Drive units and brakes
3 Mechanical equipment
4 Carrier
5 Electrical devices
7 Infrastructure
Ridge Path
Power station 1
Water supply GWE
Vehicles
1 Scania P400
2 Ford Ranger
Informations
Municipality Pinetown\Production facilities
Installation definition
Node ID: 8826
Installation type: Installation
Installation no.:
Designation: Production facilities
Note: integrated by Remec. stj. June 2017
Installation description:
Abbreviation for installation:
Classification No.: 5
Inspection post:
Sector: Municipality Pinetown
End of operations date:
Settings
User visibility: Selection
In the main cockpit: Visible
Structure of the installations: Display by numbers / Display by abbreviation (AKS-Code)
Mobile: Plant maintenance on the tablet only available online and through component selection
Propreties:
Concealed
Designation
Value
Construction
1997
Documents of the installation description:
Type
Designation
Keywords
Link
System node
construction plans.pdf
\construction plans.pdf
Cockpit
Maintenance
Spare parts
Documents
Logbook
List of events
Administration
GIS
Process description
Servername: localhost\sqlexpress / Database name: Sambesi_Toggenburg_Bergbahnen / Logged-in user: bio
SAMSUNG
Documents
Production facilities
Alphabetical
Installation structure
Document type
Production facilities
construction plans.pdf
300 KB
2 Drive units and brakes
2.2 Hydraulic brake unit
1_TS_2.3.00_Hydraulic Brake Unit_1147127691_1_-en-US.pdf
3,3 MB
2_TS_2.3.02_3100199680010000.d.pdf
1,1 MB
Parts_List_Engineering Structure Multi level_14074810.pdf
54 KB
2.3 Winch drum
2_TS_2.4.00_Winch Drum Assembly_1146924171_1_-en-US.pdf
2,9 MB
2.7 Gearbox
2.7.1 Gearbox 1
Manual gearbox V2.4.pdf
288 KB
5 Electrical devices
5.1 General electrical systems
5.1.1 Electrical installation
electrical scheme.pdf
288 KB
7 Infrastructure
7.1 Station Infrastructure
Picture_10022017_34451.PNG
189 KB
7.3 Miscellaneous infrastructure

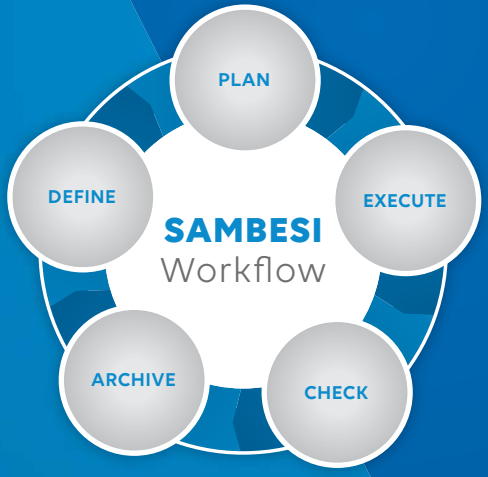


1 *Working with measured values enables a quantitative assessment of the condition of the equipment and increases the quality of the inspections.*

2 *The checklists can be edited on the tablet.*

MAINTENANCE

The maintenance of your installation is a complex and extremely demanding task. The workflow integrated in SAMBESI enables the practical fulfillment of all activities.



DEFINE
Register installations and tasks and set their maintenance strategy.

PLAN
Generate checklists and resource requirements for operation and revision phases.

EXECUTE
Execute and document checklists and tasks.

CHECK
View and check performed checklists and tasks.

ARCHIVE
Analyze and archive targeted checklists and tasks. Cost control and reporting.

LIST OF EVENTS

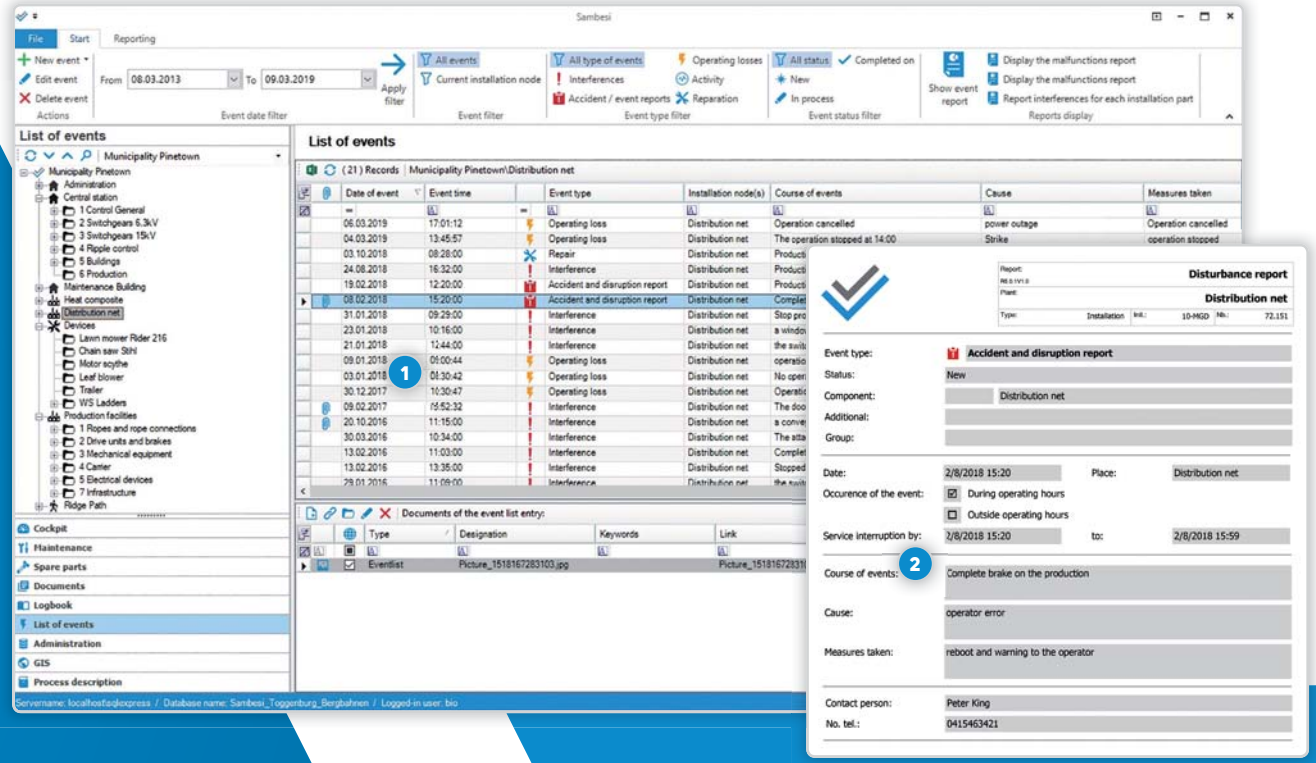
The recording of accidents, events and disturbances is the first step in ensuring they do not reoccur in future. Learn from history.

RECORDING

With the help of this module you can centrally record and evaluate all events around your installations. Disruptions, accidents and breakdowns are manageable and you can take measures to prevent such events.

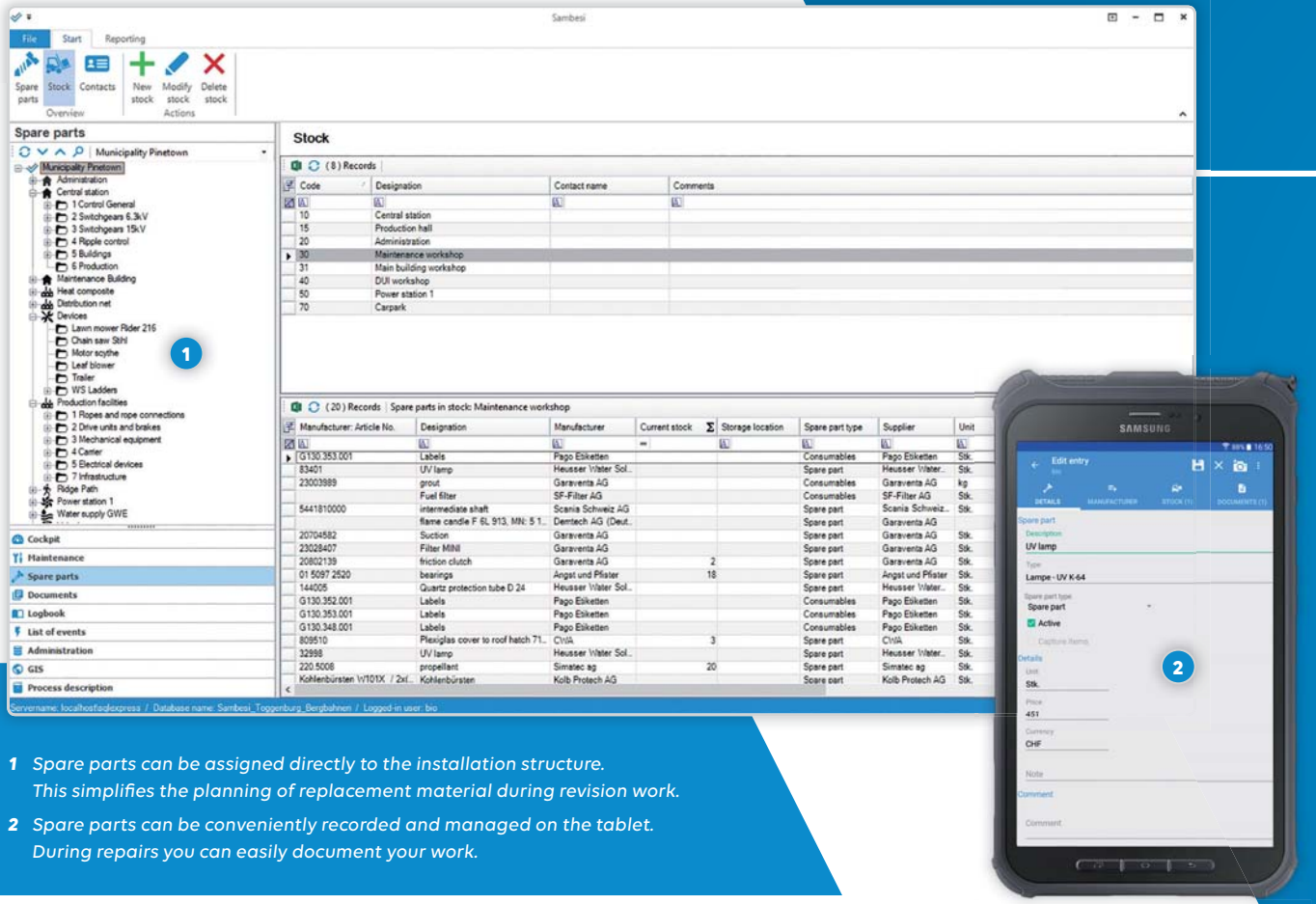
REPORTING

SAMBESI also simplifies communication with authorities by allowing you to view and send recorded events in pre-integrated, official forms.



1 *An analysis of all the events of an installation and of the entire company is provided.*

2 *With the use of predefined reports, you can easily provide information about your installations.*



1 *Spare parts can be assigned directly to the installation structure. This simplifies the planning of replacement material during revision work.*

2 *Spare parts can be conveniently recorded and managed on the tablet. During repairs you can easily document your work.*

SPARE PARTS

Spare parts management helps you to use your resources efficiently, makes it easy to predict the material required for maintenance and enables you to verify the components used.

STOCK MANAGEMENT

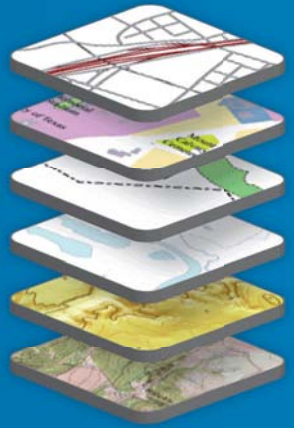
Spare parts can be assigned to warehouses and stock levels managed. The management of inventory becomes easy. You can also enter the manufactorers contact information, so that they are always accessible.

MAINTENANCE

You can enter spare parts directly when performing maintenance tasks. These spare parts are debited directly from the respective storage location.

GIS

Fully integrated in SAMBESI, geodata can be displayed and managed. In addition to intelligent document management, you also have access to public information from government agencies.

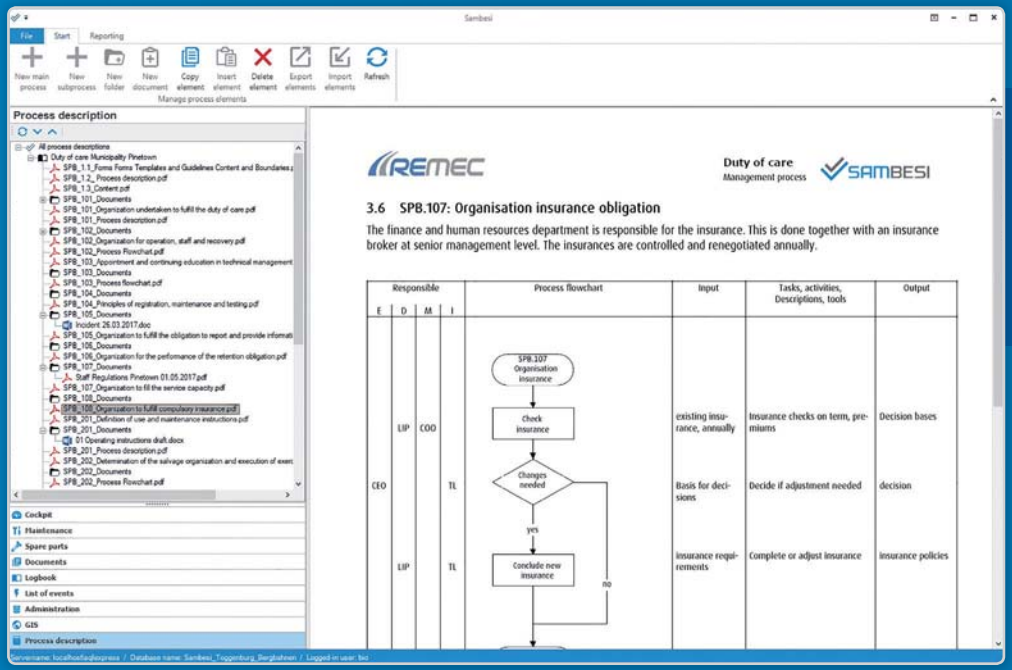


LAYER CONCEPT

The various data sources can easily be switched on and off as individual layers. Access to the public data takes place online. On request, we can digitize and host GIS data for you.

- **Installations (shafts, wells, reservoirs, pipes)**
- **Layer of authorities (properties, hunting grounds, permafrost maps)**
- **Aerial view / maps**

PROCESS DESCRIPTION



The module Process description brings order to your document structure as a management tool, clarifies responsibilities and enables you to electronically map your business processes.

COCKPIT

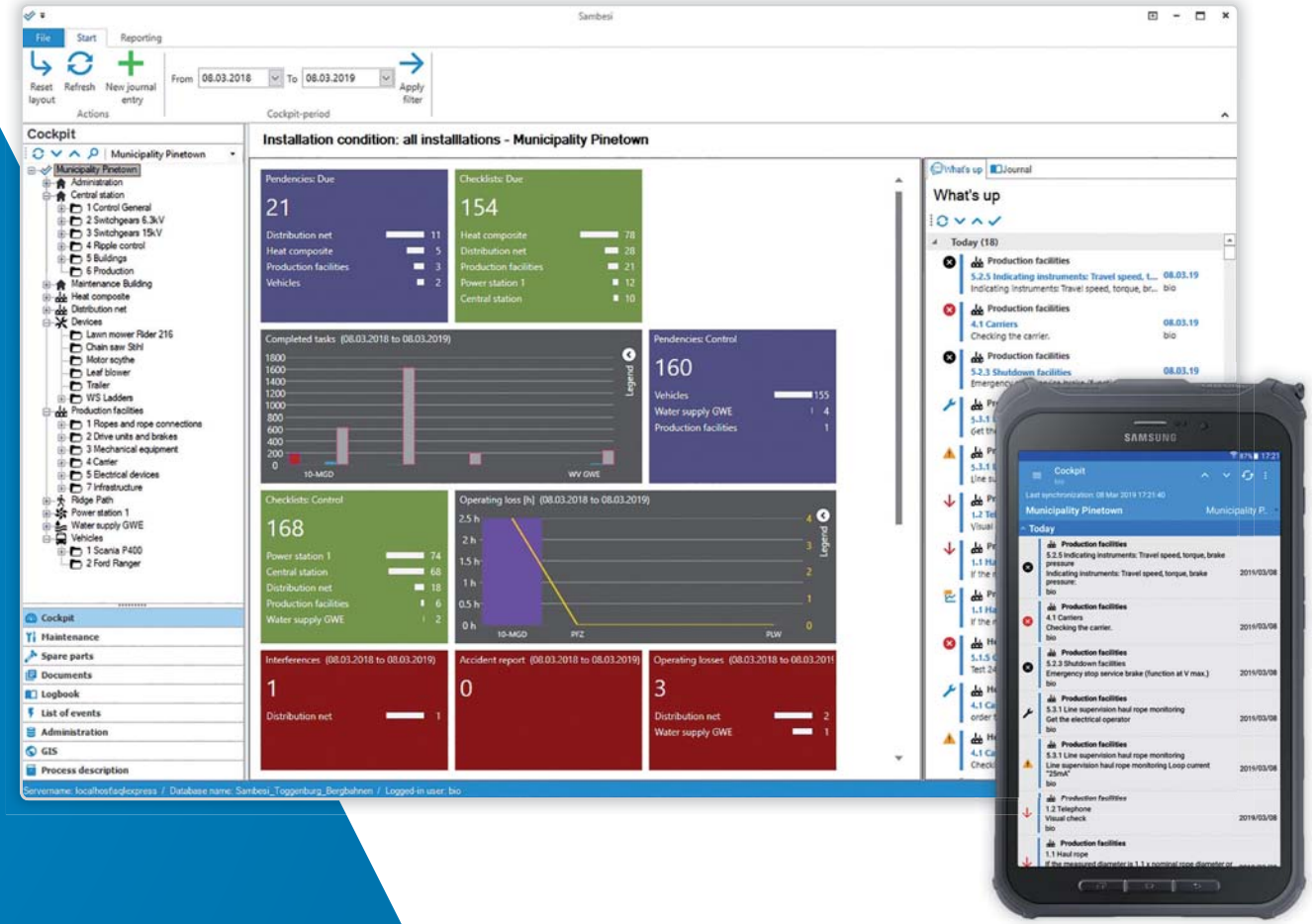
The cockpit provides you with all relevant installation data at a glance. Keep pending trends, pending checklists, disturbances and important metrics under control.

INSTALLATION STATE

The Cockpit module provides an overview of the installation status. The tiles can be placed freely and switched on or off. With one click, you can easily switch to the detailed view of the corresponding module.

MEASURED VALUES

The most important measured values can be displayed and monitored. Limit overruns are signaled immediately and you can navigate to the details of the measured values with one simple click.


Sambesi
File
Start
Reporting
Reset layout
Refresh
New journal entry
Actions
From 08.03.2018
To 08.03.2019
Apply filter
Cockpit-period
Cockpit
Municipality Pinetown
Administration
Central station
1 Control General
2 Switchgears 6.3kV
3 Switchgears 15kV
4 Ripple control
5 Buildings
6 Production
Maintenance Building
Heat composite
Distribution net
Devices
Lawn mower Rider 216
Chain saw Stihl
Motor scythe
Leaf blower
Trailer
WS Ladders
Production facilities
1 Ropes and rope connections
2 Drive units and brakes
3 Mechanical equipment
4 Carrier
5 Electrical devices
7 Infrastructure
Ridge Path
Power station 1
Water supply GWE
Vehicles
1 Scania P400
2 Ford Ranger
Cockpit
Maintenance
Spare parts
Documents
Logbook
List of events
Administration
GIS
Process description
Installation condition: all installations - Municipality Pinetown
Pendencies: Due
21
Distribution net 11
Heat composite 5
Production facilities 3
Vehicles 2
Checklists: Due
154
Heat composite 78
Distribution net 28
Production facilities 21
Power station 1 12
Central station 10
Completed tasks (08.03.2018 to 08.03.2019)
Legend
10-MGD
WV GWE
Pendencies: Control
160
Vehicles 155
Water supply GWE 4
Production facilities 1
Checklists: Control
168
Power station 1 74
Central station 68
Distribution net 18
Production facilities 6
Water supply GWE 2
Operating loss [h] (08.03.2018 to 08.03.2019)
10-MGD
PFZ
PLW
Interferences (08.03.2018 to 08.03.2019)
1
Distribution net 1
Accident report (08.03.2018 to 08.03.2019)
0
Operating losses (08.03.2018 to 08.03.2019)
3
Distribution net 2
Water supply GWE 1
What's up
Journal
What's up
Today (18)
Production facilities
5.2.5 Indicating instruments: Travel speed, t...
08.03.19
bio
Production facilities
4.1 Carriers
Checking the carrier.
08.03.19
bio
Production facilities
5.2.3 Shutdown facilities
08.03.19
Servername: localhost\sqlexpress / Database name: Sambesi_Toggenburg_Bergbahnen / Logged-in user: bio
SAMSUNG
Cockpit
Municipality Pinetown
Today
Production facilities
5.2.5 Indicating instruments: Travel speed, torque, brake pressure
Indicating instruments: Travel speed, torque, brake pressure:
bio
2019/03/08
Production facilities
4.1 Carriers
Checking the carrier.
bio
2019/03/08
Production facilities
5.2.3 Shutdown facilities
Emergency stop service brake (function at V max.)
bio
2019/03/08
Production facilities
5.3.1 Line supervision haul rope monitoring
Get the electrical operator
bio
2019/03/08
Production facilities
5.3.1 Line supervision haul rope monitoring
Line supervision haul rope monitoring Loop current "25mA"
bio
2019/03/08
Production facilities
1.2 Telephone
Visual check
bio
2019/03/08
Production facilities
1.1 Haul rope

STAY UPDATED REGARDING TECHNOLOGY!

Your advantages with SambesiMobile

- Data collection for maintenance and events takes place directly on site.
- Use of offline mode possible as automatic synchronization takes place once system is online.
- Better employee management with optimized checklists, grouped by service, process or location.
- Information always available and accessible at any location (schemes, plans, pictures).
- Minimization of paperwork and administration.
- Encourage the motivation of employees by using modern technologies.
- Easy handling of complex installations thanks to **NFC** identification.

REMEC

SAMBESI NFC

Headquarters Switzerland

Remec AG
Bahnhofstrasse 69
CH-6460 Altdorf
Telephone +41 41 500 39 11
www.remec.ch

Representation Austria

Remec AG
Unterwasser 37
A-6384 Waidring
Telephone +43 650 919 82 19
www.remec.eu