



The smart way
of auditing.

Digital audits and
quality checks
with mQuest® Audit.



Plan, conduct and adjust smart.

With the smart combination of a mobile offline app and a web-based portal, all types of audits and quality checks can be digitised securely and cost-effectively.

With the mQuest® Audit digitisation platform cumbersome paper- and Excel-driven processes are finally obsolete.

- + Prepare and plan smart
- + Mobile and independent execution
- + Evaluate precisely and appealing
- + Generate and track measures
- + Safety first



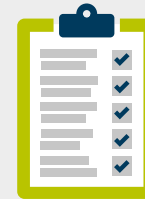
Pretty multifunctional.



Process audits



Product audits



Checklists



Testing processes



ISO system audits



Supplier audits



VDA audits



Plant audits



LPA



5S

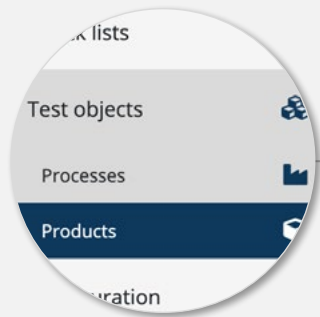


HSE

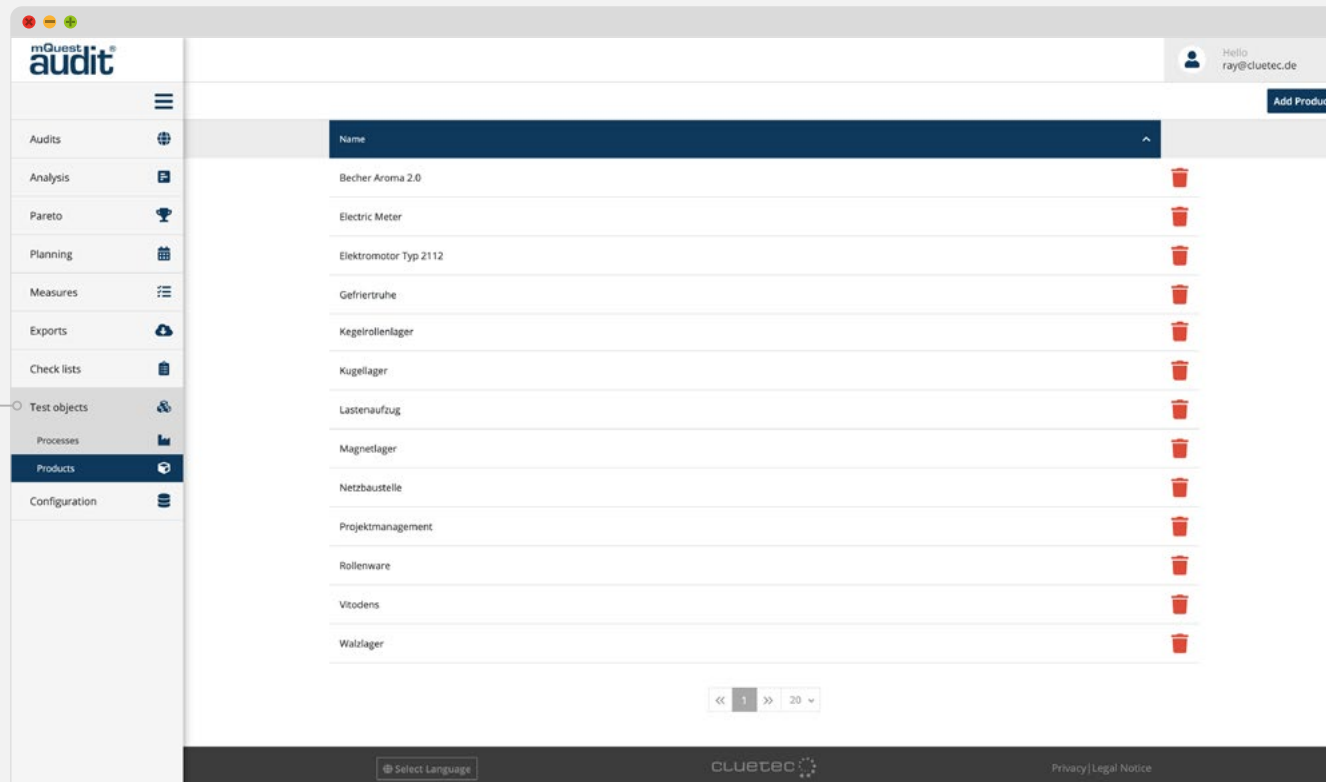


... and many more

Test object management – What should be audited?



Test objects such as processes, products or work places are added and maintained via the test object management.



In the test object management, define what is to be audited. All created objects will appear in this overview.



New test objects like products or processes can be added at any time and can be used later, for example, during the planning of an audit.

Test object management – What should be audited?



The visual appearance of the mQuest® Audit portal can be customised to match the corporate design of a company.

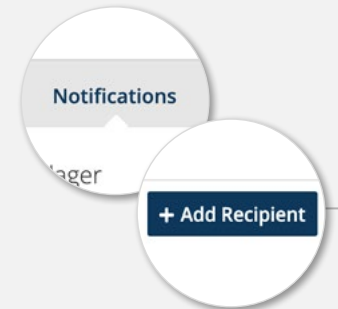
The logo as well as the colour palette will be adapted to customer specifications.

Name*	Image	Responsible	Product number	Product group	Location*	Plant*
Kegelrollenlager	placeholder_Industry_08.jpg		4567	Lager	Stuttgart	Werk 2

From the name of the test object to relevant test criteria or appointment series, all properties and information of the object are configured here. The input fields are customised by cluetec.



An image can be assigned to each test object. These appear later on the detail pages of the audits.



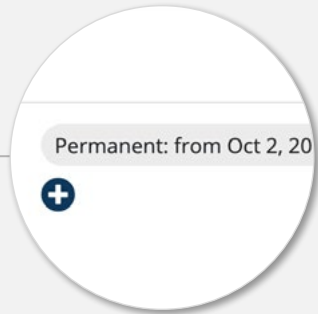
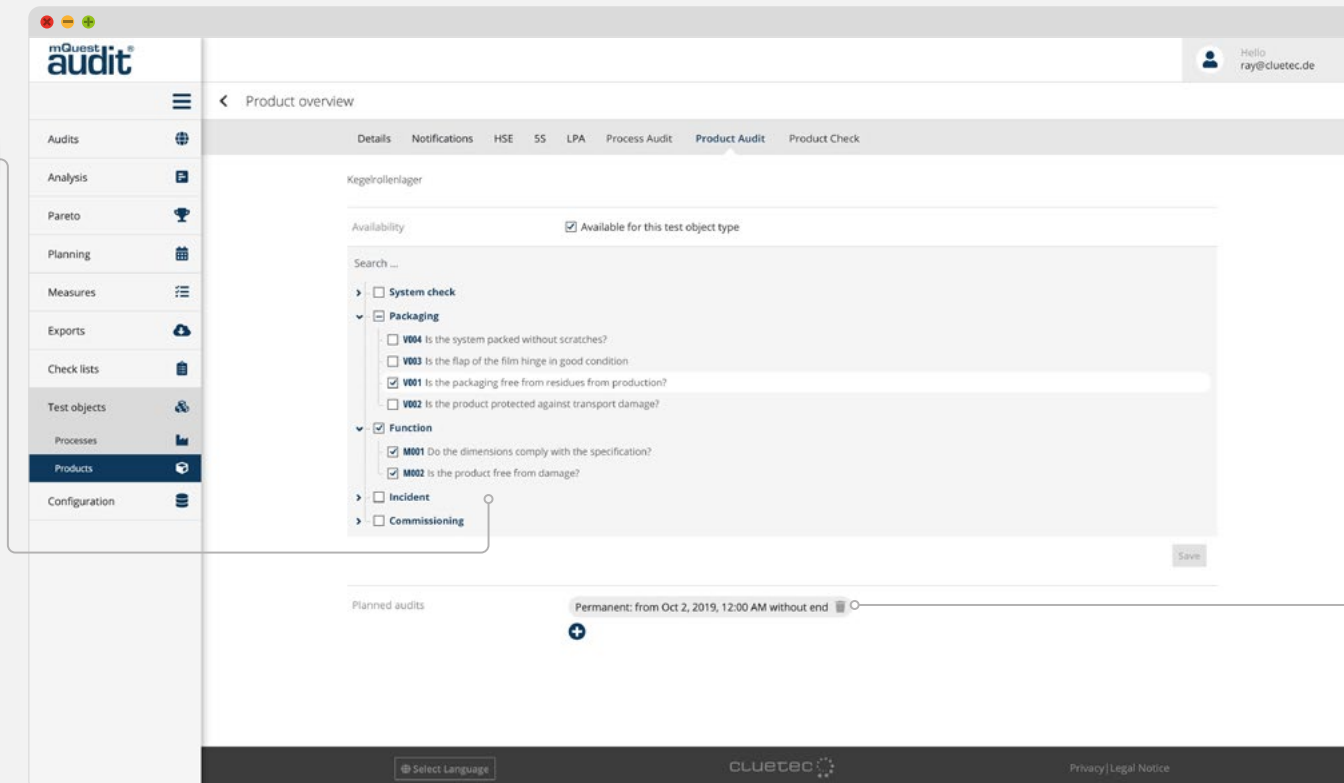
Under the menu item "Notifications", recipients for future notifications are defined.

Test object management – What should be audited?



Assignment of relevant test criteria for the test category (here product audit).

More about test criteria management on page 7.



Create appointment series for recurring checks.

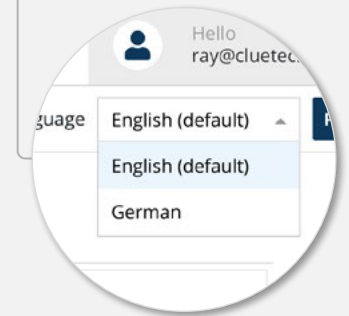
Checklists are composed of various test criteria. In this view, the configuration of the relevant test criteria for the test object takes place.

Checklists – How it should be audited.

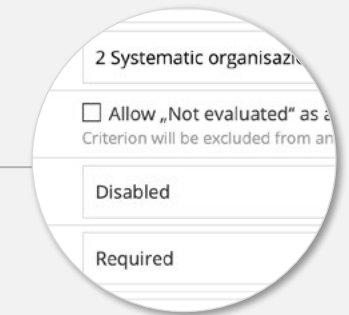


New chapters or test criteria can be added to the master checklist at any time.

Master checklists are defined per audit category in the checklist management. Relevant audit criteria for an specific object are determined directly at the test object (page 5).

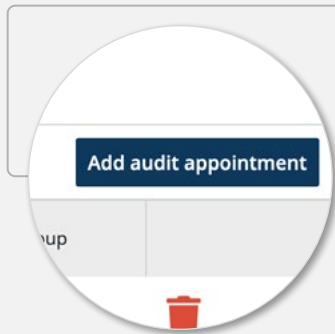


Language-specific versions can be added and edited directly in the test criteria management.



Settings for the test criterion can be defined.

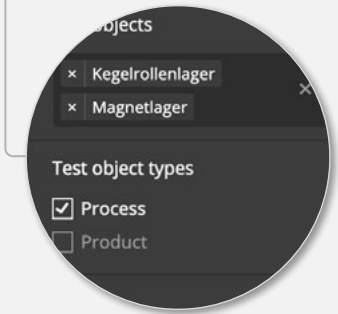
Planning – Who audits what and when?



New audits are added at the touch of a button.

Status	Type	Start	End	Audit category	Test object type	Test object	Auditor / group	
In progress	Permanent	02.10.2019 00:00	-	Product audit	Product	Kege Rollenlager	ray@cluetec.de	
Expired	Single	08.10.2019 00:00	31.10.2019 23:59	Product audit	Product	Kege Rollenlager	-	
Expired	Series	10.10.2019 00:00	11.10.2019 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	24.10.2019 00:00	25.10.2019 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	07.11.2019 00:00	08.11.2019 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	21.11.2019 00:00	22.11.2019 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Single	27.11.2019 00:00	27.11.2019 23:59	Product audit	Product	Kege Rollenlager	egon@cluetec.de	
Expired	Single	28.11.2019 00:00	29.11.2019 23:59	Product audit	Product	Magnetlager	peter@cluetec.de	
Expired	Series	05.12.2019 00:00	06.12.2019 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	19.12.2019 00:00	20.12.2019 00:00	Product audit	Product	Kege Rollenlager	winston@cluetec.de	
Expired	Series	02.01.2020 00:00	03.01.2020 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	16.01.2020 00:00	17.01.2020 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	30.01.2020 00:00	31.01.2020 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	13.02.2020 00:00	14.02.2020 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	27.02.2020 00:00	28.02.2020 00:00	Product audit	Product	Kege Rollenlager	-	
Expired	Series	12.03.2020 00:00	13.03.2020 00:00	Product audit	Product	Kege Rollenlager	-	

In planning, audits are created and managed.



The dynamic filter function ensures order and clarity.

Planning – Who audits what and when?

The screenshot displays the 'mQuest audit' web application interface. The left sidebar contains a navigation menu with options: Audits, Analysis, Pareto, Planning, HSE, SS, LPA, Product audit (highlighted), Process audit, Product check, Problem report, Measures, Exports, Check lists, Test objects, and Configuration. The main content area is titled 'Scheduling' and contains a form for 'Add audit appointment'. The form fields are as follows:

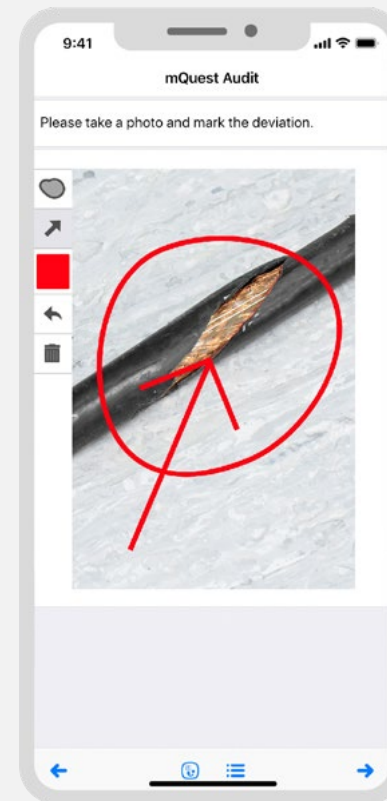
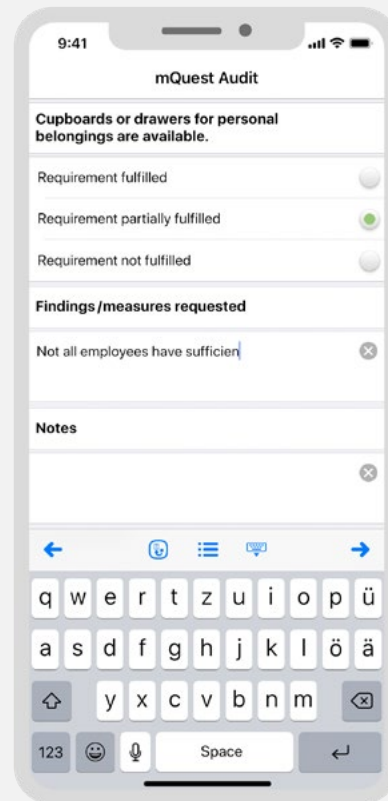
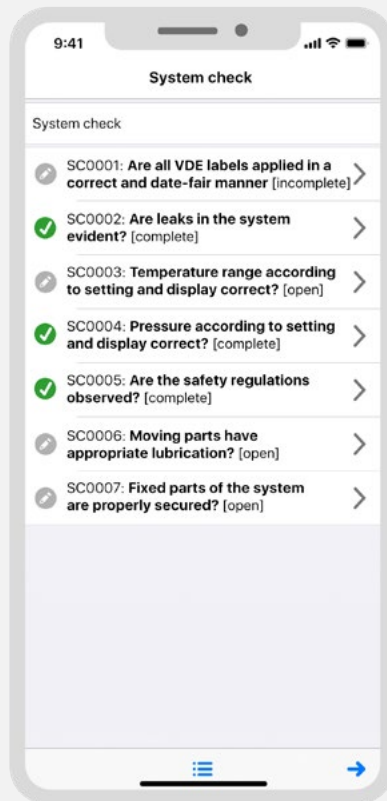
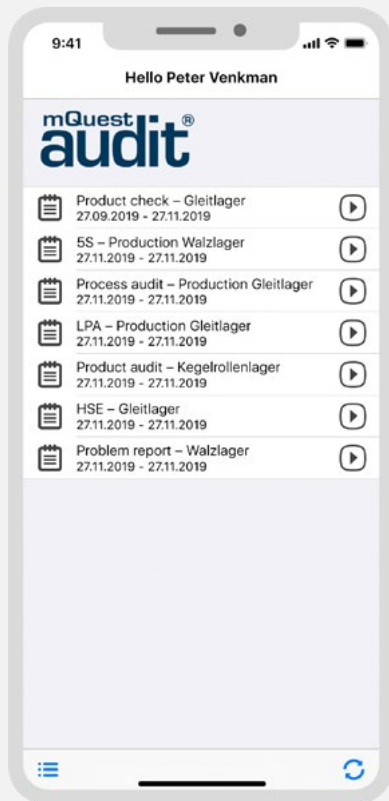
Field	Value
Start*	05.05.2020 00 : 00
End*	03.06.2020 23 : 59
Due	dd.mm.yyyy 00 : 00
Test object type*	Product
Product*	Walzlager
Audit category*	Product audit
Auditor / group	
Title*	Product audit – Walzlager
Description	

A green 'Save' button is located at the bottom right of the form. A circular callout bubble with a 'Save' button is positioned to the right of the form, connected by a line to the 'Save' button on the form.

After saving, the corresponding digital checklist is generated and assigned to the auditor.

In audit planning, the date, test object and auditor of the audit are configured.

Mobile conduction – How to audit.



The audits are carried out mobile with the mQuest® Audit app. Absolutely independent of WiFi or mobile connections thanks to the offline functionality.

Checklists and results are simply synchronized with an available connection.

Defects and deviations are recorded easily and intuitively. With the photo marking function details and spots can be highlighted on the fly.

The mQuest® Audit app runs natively on all* Apple iOS and Google Android devices.

*The current and previous published version of the mobile operating system are supported.

Audit overview – The results of the audits.

The screenshot displays the mQuest Audit software interface. On the left, a sidebar menu lists various audit categories: Audits, HSE, SS, LPA, Product audit, Process audit, Product check, Problem report, Analysis, Pareto, Planning, Measures, Exports, Check lists, Test objects, and Configuration. The main area shows a table of completed audits with columns for Start, Audit category, Test object, and Score. The scores are color-coded: green for 100%, 96%, and 91%; red for 62% and 23%; and orange for 80% and 80%. On the right, a filter sidebar is open, showing options for Timespan (Overall, Today, Yesterday, Last 7 days, This week, Last week, Last 4 weeks, This month, Last month, Current year, Last year, Start date to End date) and Test objects (Delivery air conditioning unit, Production Gleitlager, Supplier audit, Puebla shipping). The Production Gleitlager option is checked.

Start	Audit category	Test object	Score
05.05.2020 17:53	HSE	Production Gleitlager	100%
05.05.2020 17:51	HSE	Production Gleitlager	62%
05.05.2020 17:48	HSE	Production Gleitlager	96%
05.05.2020 17:42	HSE	Production Gleitlager	92%
05.05.2020 17:38	HSE	Production Gleitlager	91%
05.05.2020 17:33	HSE	Production Gleitlager	60%
05.05.2020 17:29	HSE	Production Gleitlager	80%
23.04.2020 08:48	HSE	Production Gleitlager	80%
26.02.2020 15:29	HSE	Production Gleitlager	23%

Prominent presentation of the achievement of objectives.

The dynamic filter function ensures order and clarity.

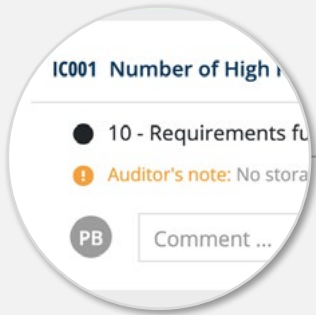
The filter criteria are logically generated by the system or specified by the customer.

Completed audits appear in the audit overview. Each audit category has its own overview page.

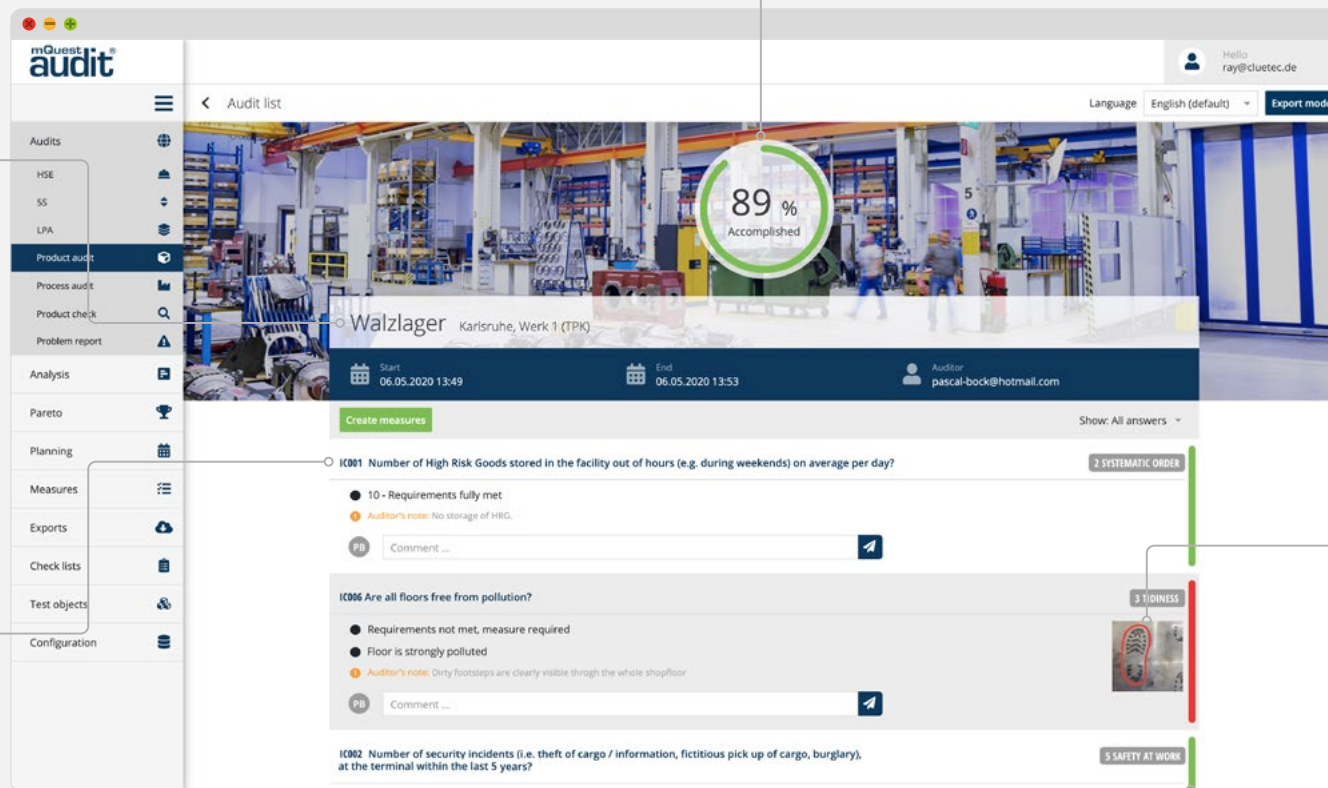
Audit details – The results of the audit.



Information about the test object are available at any time and can be configured per audit category and client.



All test criteria are displayed including a description of the problem and any comments.



Detailed view of a performed audit.

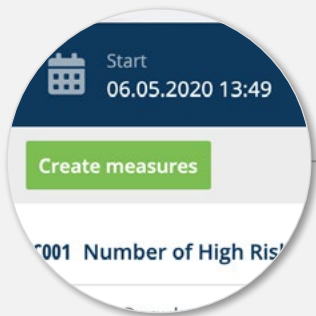


Achieved overall result with colour gradation according to the achievement of objectives.

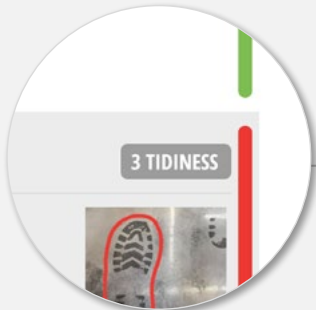


1: Defects or deviations are illustrated and documented with photos.
2: Results are immediately recognisable through colours.

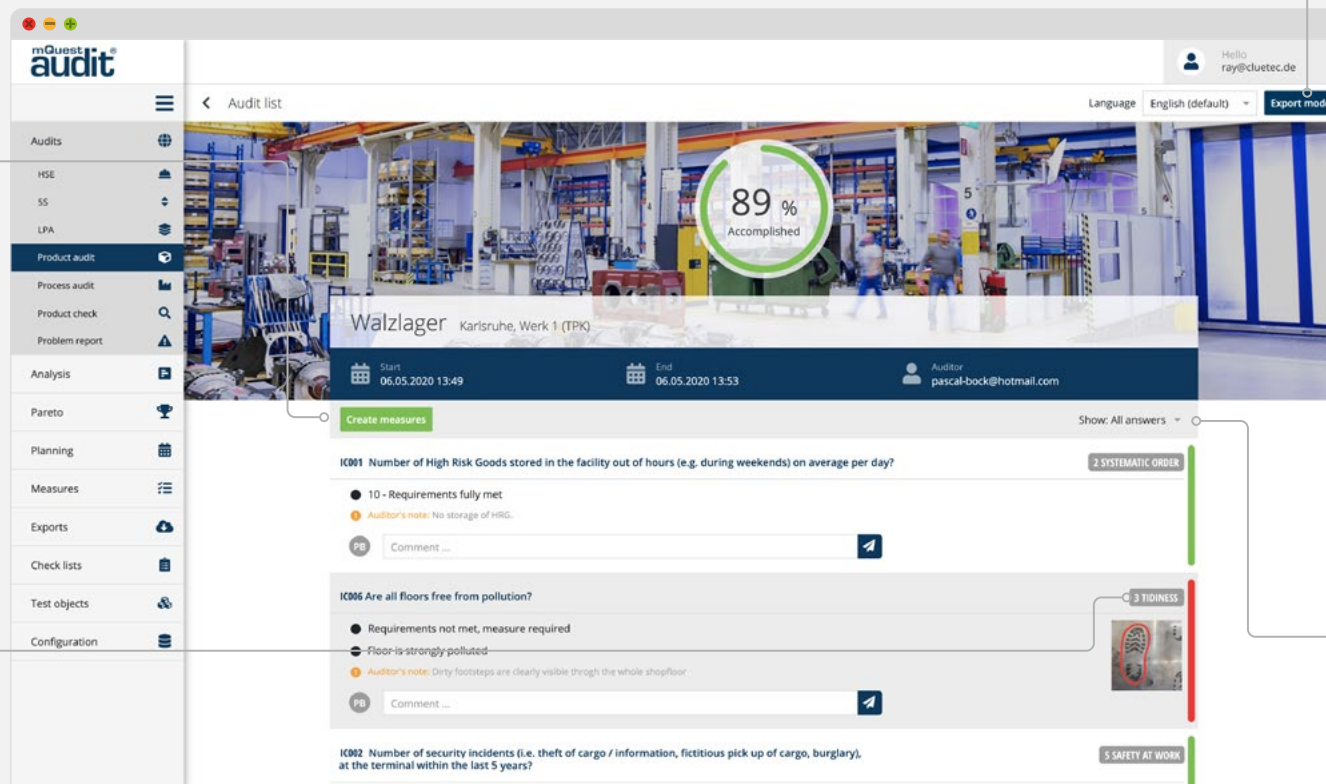
Audit details – The results of the audit.



“Create measures” generates actions for all deviations.

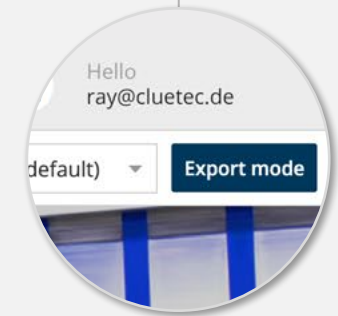


All test points are assigned to a category.

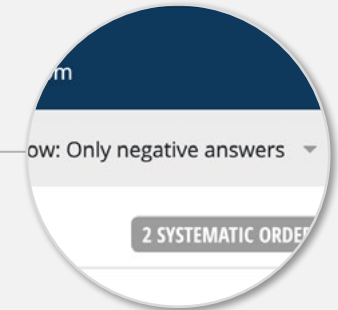


The screenshot displays the mQuest Audit software interface. At the top, it shows the user 'Hello ray@cluetec.de' and the 'Export mode' button. The main content area features a large image of a factory floor with a circular progress indicator showing '89% Accomplished'. Below this, the audit details for 'Walzlager Karlsruhe, Werk 1 (TPK)' are shown, including the start and end dates (06.05.2020 13:49 to 06.05.2020 13:53) and the auditor 'pascal-bock@hotmail.com'. A 'Create measures' button is visible. The audit results are listed in a table with columns for the test point ID, description, status, and category. The first row shows 'IC001 Number of High Risk Goods stored in the facility out of hours (e.g. during weekends) on average per day?' with a status of '10 - Requirements fully met' and a category of '2 SYSTEMATIC ORDER'. The second row shows 'IC006 Are all floors free from pollution?' with a status of 'Requirements not met, measure required' and a category of '3 TIDINESS'. The third row shows 'IC002 Number of security incidents (i.e. theft of cargo / information, fictitious pick up of cargo, burglary), at the terminal within the last 5 years?' with a status of 'Requirements not met, measure required' and a category of '5 SAFETY AT WORK'. A 'Show: All answers' dropdown menu is visible on the right side of the results table.

Detailed view of a performed audit.



PDF-reports at the touch of a button, with the export function.

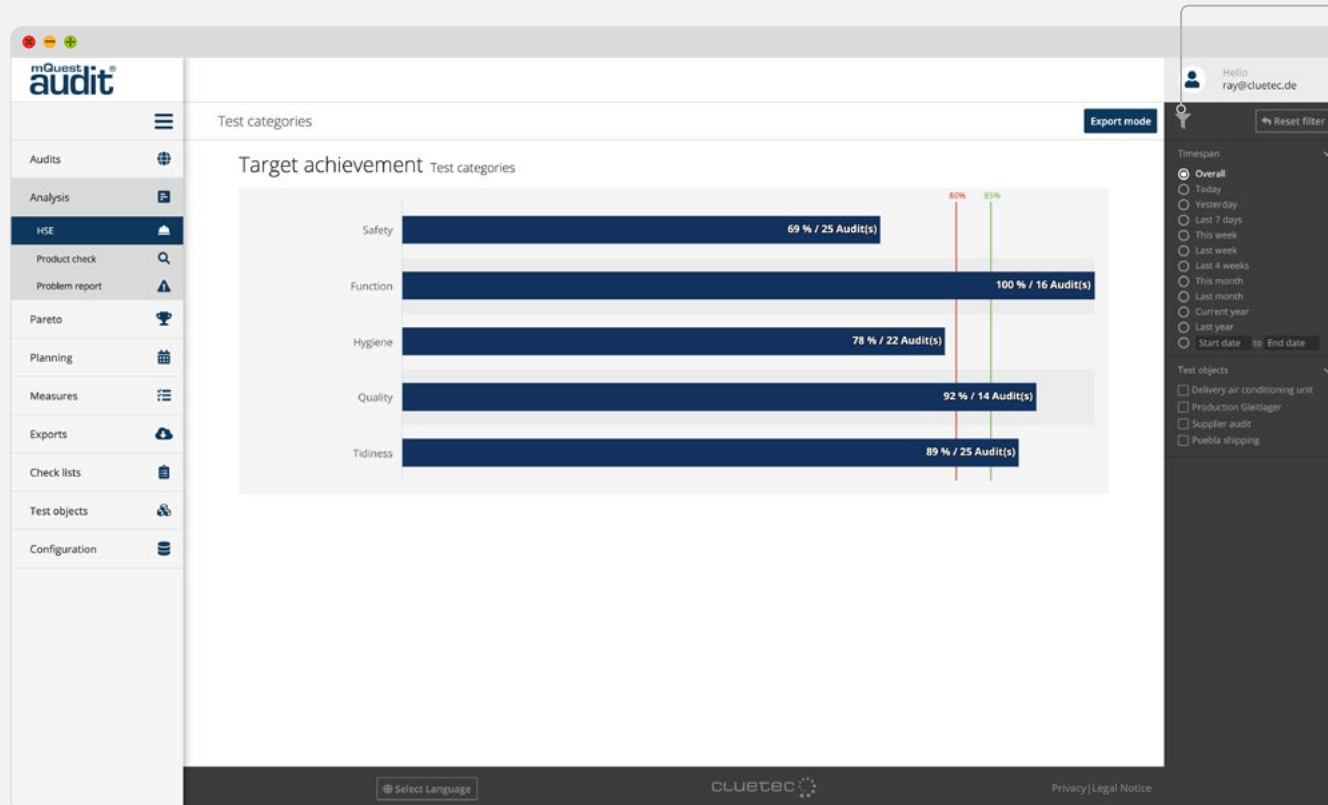


The view can be toggled to display specific answers only.

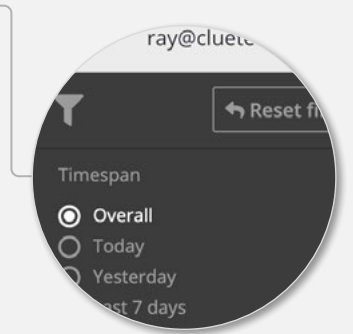
Analysis – All results at a glance.



With the drill-down function, data can be analyzed from the test category to the audit report.



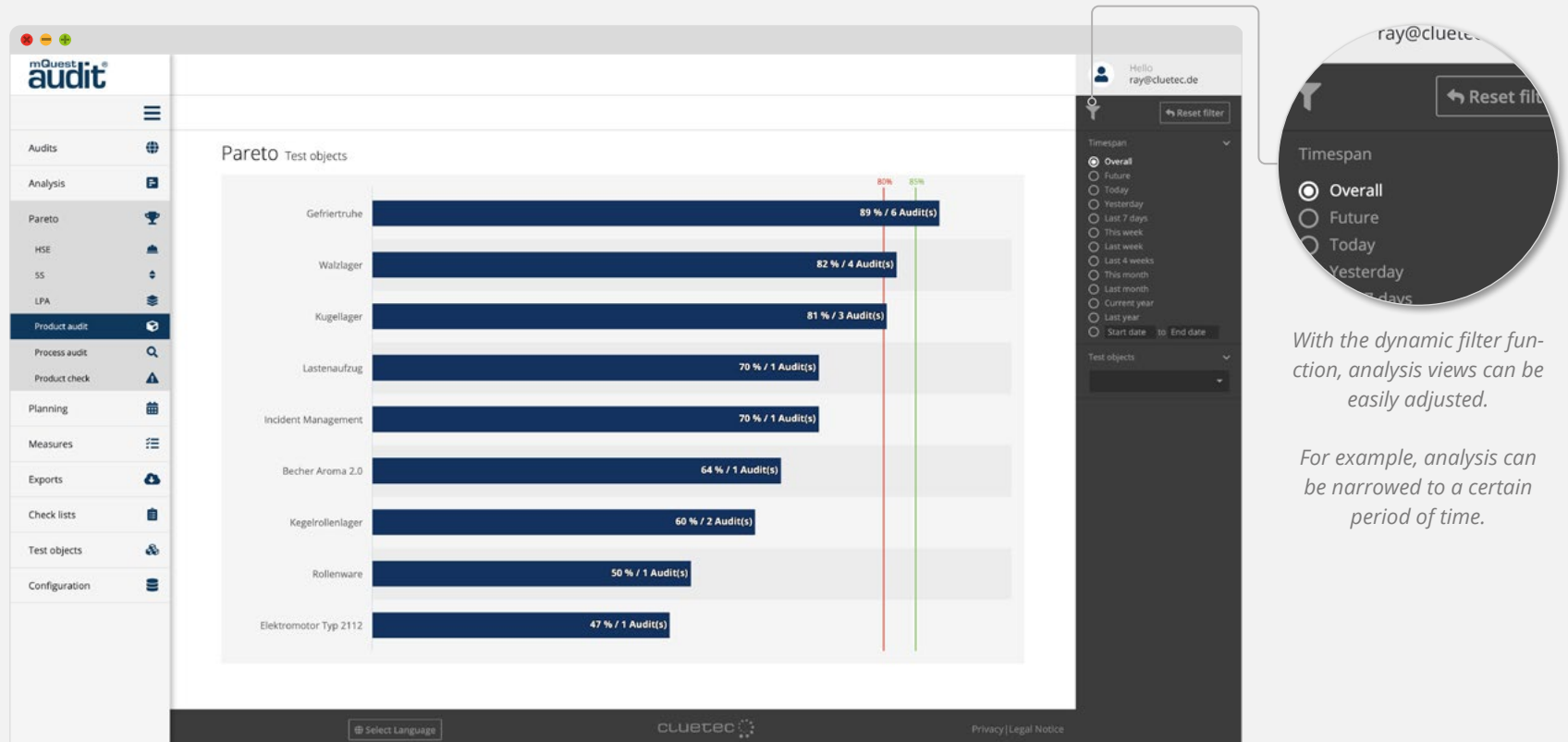
mQuest® Audit offers numerous evaluation and overview options. Here, for example, the evaluation of several audits, divided into the individual audit categories of the corresponding checklist.



With the dynamic filter function, analysis views can be adjusted easily.

A single audit or even several audits can be evaluated at once.

Pareto – Test objects in comparison.

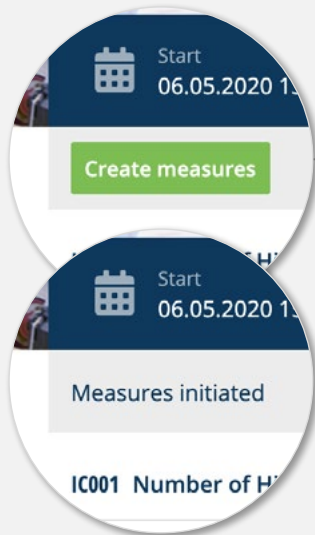


Test objects such as plants, processes, work places or products can be analysed.

With the dynamic filter function, analysis views can be easily adjusted.

For example, analysis can be narrowed to a certain period of time.

Generating measures – What happens after the audit.



The button "Create measures" generates tasks out of all deviations.

By configuration this process can also be automated without manual interaction.

The screenshot displays the mQuest Audit software interface. The top navigation bar includes the mQuest logo, a user profile for 'Hello ray@cluetec.de', and options for 'Language' (English (default)) and 'Export mode'. The main content area shows an 'Audit list' for 'Walzlager Karlsruhe, Werk 1 (TPK)'. A large green circular progress indicator shows '89% Accomplished'. Below this, a list of audit items is shown, including 'IC001 Number of High Risk Goods stored in the facility out of hours (e.g. during weekends) on average per day?' and 'IC006 Are all floors free from pollution?'. The interface includes a sidebar with navigation options like 'Audits', 'HSE', 'SS', 'LPA', 'Product audit', 'Process audit', 'Product check', 'Problem report', 'Analysis', 'Pareto', 'Planning', 'Measures', 'Exports', 'Check lists', 'Test objects', and 'Configuration'. A 'Create measures' button is visible in the top right of the audit details section.

Detailed view of a performed audit.



The current status of the task is displayed in the details.

A click on the measure title will lead you to the corresponding detail page.

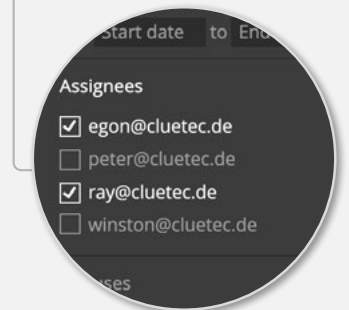
Overview of measures – What happens after the audit.



The cross-audit-overview of all generated measures makes tracking easy.

Measure No.	Title	Audit date	Audit ID	Audit category	Test object	Status	Due date	Assignee
SS-5	S21	09.03.2020 09:59	120	SS	Production Gleitlager	Measure open	13.05.2020	ray@cluetec.de
SS-4	S20	07.03.2020 11:32	115	SS	Incoming goods	Measure open	10.05.2020	egon@cluetec.de
HSE-12	Floor marking	27.02.2020 09:02	111	HSE	Production Walzlager	Measure open	10.05.2020	peter@cluetec.de
HSE-11	Safety shoes	26.02.2020 13:26	110	HSE	Production Gleitlager	Measure in progress	28.04.2020	ray@cluetec.de
SC-21	S19	22.02.2020 12:01	109	SS	Supplier company	Measure implemented	26.04.2020	ray@cluetec.de
PSA-13	Standard deviation	21.02.2020 07:50	107	Process audit	Production Kegellager	Measure in progress	26.04.2020	egon@cluetec.de
PTA-08	Avoid scratches	22.02.2020 04:20	108	Product audit	Production Gleitlager	Measure implemented	12.04.2020	egon@cluetec.de
PTA-05	Avoid fingerprints	01.02.2020 16:45	105	Product audit	Supplier company	Effectiveness of measure confirmed	11.04.2020	peter@cluetec.de
SS-1	S18	31.01.2020 08:56	103	SS	Production Gleitlager	Measure implemented	04.04.2020	egon@cluetec.de
HSE-10	Safety stickers	17.12.2019 13:33	102	HSE	Production Gleitlager	Effectiveness of measure confirmed	23.03.2020	ray@cluetec.de
PTA-04	Broken boxes	14.12.2019 11:48	099	Product audit	Incoming goods	Effectiveness of measure confirmed	17.03.2020	peter@cluetec.de

Overview of all measures.



Dynamic filters enable the specific selection of the measure. For example, by auditor, status or due date.

Measure details – What happens after the audit.



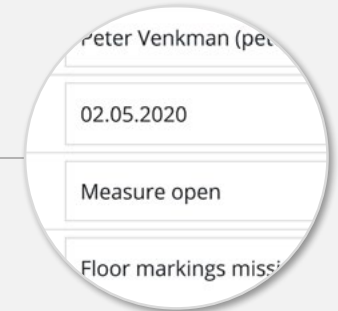
Measure details are divided into the sections "Finding" and "Measure".

The "Finding" section contains the initially recorded deviation, just like the audit detail page.

The "Measure" section is modeled after the popular 4D report, including problem description, cause analysis, due date, assignee, proof of efficacy and escalation management.

Finding	
Measure	
Measure number	HSE-12
Title	Floor marking
Created at	27.02.2020, 09:02
Last modified	12.03.2020, 11:33
Current assignee	Peter Venkman (peter@cluetec.de)
Measure definition due date	02.05.2020
Status	Measure open
Note	Floor markings missing
Issue description	Floor markings have been destroyed by vehicles
Cause analysis	The material of the marking seems to be unsuitable
Measure description	New markings must be applied, using a more robust material
Implementation due date	10.05.2020

Detailed view for a single measure. "Measure"-section opened.



All details of the task can be viewed and edited in the "Measure" section.

Safety first.



Information security according to TISAX

TISAX is a registered trademark and is carried by the ENX Association. The association is composed of European automobile manufacturers, suppliers and associations and was commissioned by the German Association of the Automotive Industry (VDA) as a neutral authority.

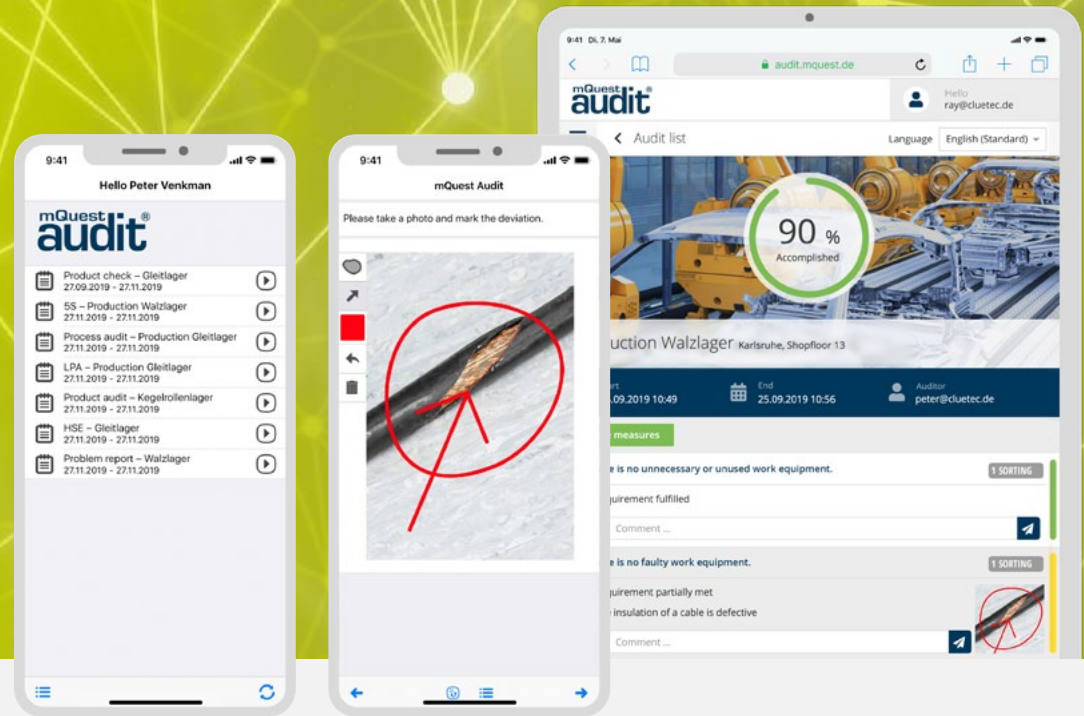
As an established service provider in the automotive industry, cluetec GmbH complies with all criteria for processing information with a very high protection requirement. The corresponding TISAX label of cluetec GmbH is available within the TISAX community via the ENX portal.



Microsoft Azure

Security is a self-evident fact in the cloud industry, but Azure's proactive approach to security, compliance and data protection is unique. Microsoft is the industry leader in setting and maintaining clear security and data protection requirements.

With industry-leading compliance and privacy certifications on the one hand and integrated security controls and unique threat intelligence on the other, Azure has everything you need to protect your data.



Any questions?
We will gladly help you personally.

+49 721 83179-0

info@mQuest.de

www.cluetec.de



mQuest® Audit is constantly developing. Therefore, the illustrations shown may differ slightly from the product.

cluetec GmbH · Emmy-Noether-Str. 17 · 76131 Karlsruhe · Germany · Phone +49 721 83179-0 · www.cluetec.de
© 2020 cluetec GmbH. All rights reserved. mQuest® is a registered trademark of cluetec GmbH. All brands are trademarks of their respective owners.

