

HYGIENE AUDITING TOOL

ONBOARDING WEB-ADMIN-TOOL

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24 March 2021

Hygiene Auditing Tool - Global B. Braun APP Drives Digitalization



Observation Form

Facility: _____ Period Number*: _____ Session Number: _____
 Service: _____ Date: (dd/mm/yy) / / Observer: _____
 Ward: _____ Start/End time: : / : Page N°: _____
 Department: _____ Session duration: (mm) City**: _____
 Country**:

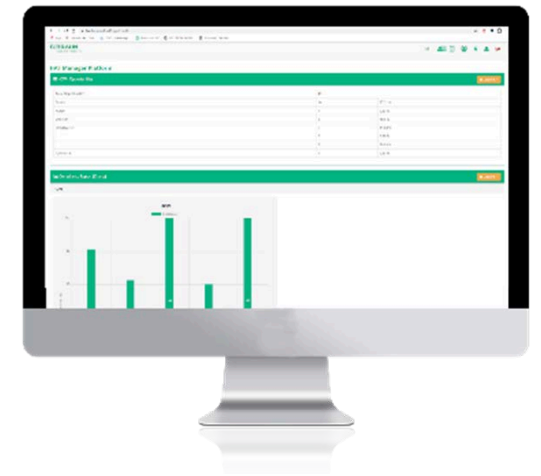
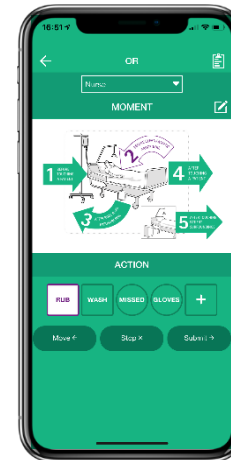
Prof. cat N°	Code	Prof. cat N°	Code	Prof. cat N°	Code	Prof. cat N°	Code
1	<input type="checkbox"/> bef-pat <input type="checkbox"/> bef-asept <input type="checkbox"/> aft-b.f <input type="checkbox"/> aft-pat <input type="checkbox"/> aft.p.surr.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="checkbox"/> missed <input type="checkbox"/> gloves	1	<input type="checkbox"/> bef-pat <input type="checkbox"/> bef-asept <input type="checkbox"/> aft-b.f <input type="checkbox"/> aft-pat <input type="checkbox"/> aft.p.surr.	<input type="checkbox"/> HR <input type="checkbox"/> HW <input type="checkbox"/> missed <input type="checkbox"/> gloves	1	<input type="checkbox"/> bef-pat <input type="checkbox"/> bef-asept <input type="checkbox"/> aft-b.f <input type="checkbox"/> aft-pat <input type="checkbox"/> aft.p.surr.



	A	B	C
1			
2			
3			
4			
5			
6			
7			



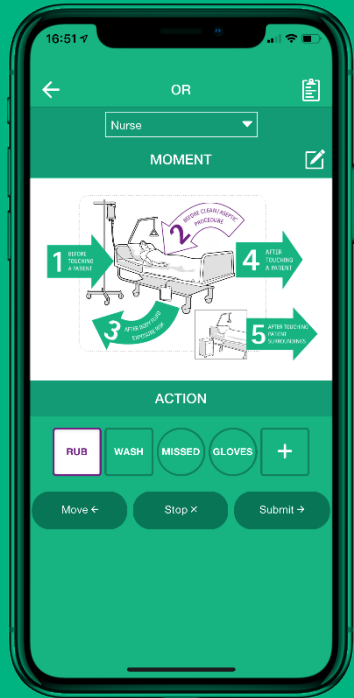
Time consuming
Error prone transfer
Delayed reporting



Time saving
Results are available in real-time.

* To be completed by the data manager.
 ** Optional, to be used if appropriate, according to the local needs and regulations.
 All reasonable precautions have been taken by the World Health Organization to verify the information contained in this document. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. It is to be noted that the World Health Organization has no liability for damages arising from the use of the information. The World Health Organization (WHO) is pleased to participate in developing the material.
 Revised August 2009

Hygiene Auditing Tool



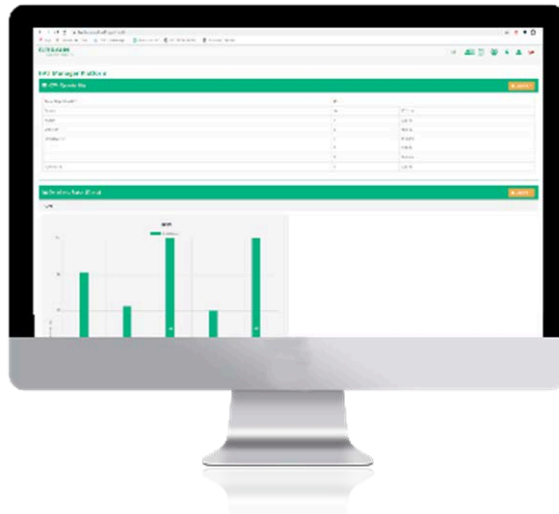
is a Cloud-Based Customizable Quality Management Tool and a Mobile APP for Data-Entry and Data-Analysis

to Monitor Hand Hygiene Adherence To My 5-Moments & Infection Precautions

for Infection Prevention & Control Professionals and Healthcare Quality Managers who are trained in the World Health Organization hand hygiene observation method.

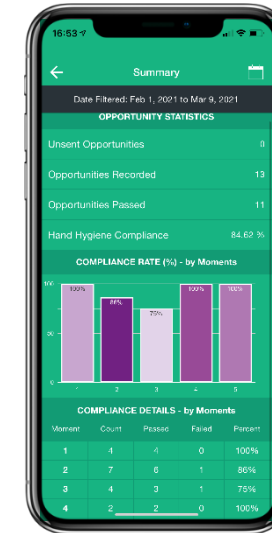
Sax H, Allegranzi B, Chraïti MN, Boyce J, Larson E, Pittet D. The World Health Organization hand hygiene observation method. Am J Infect Control. 2009 Dec;37(10):827-34. doi: 10.1016/j.ajic.2009.07.003. PMID: 20004812.

User Role *Institutional Manager* Has Access to Web-Admin-Tool and Mobile APP



Web-Admin Tool

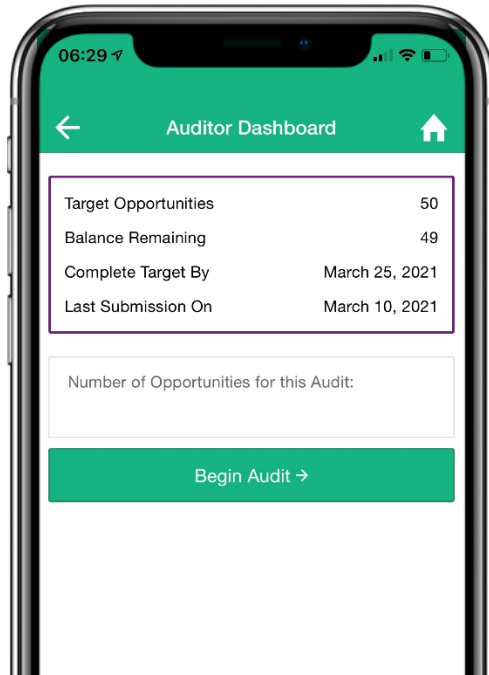
- Create/edit users
- Create/edit locations
- Set timeline & targets for auditors and check fulfillment rate
- Generate and filter reports
- Download reports, raw data & user lists



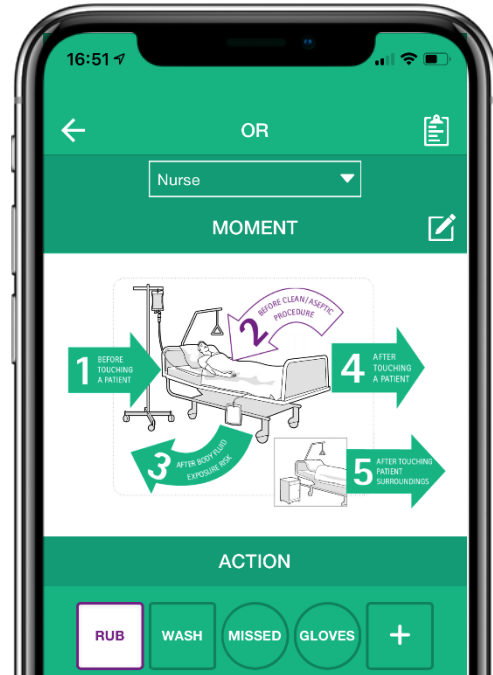
Mobile APP

- Record observations
- Generate and filter reports by location, user and health care worker type

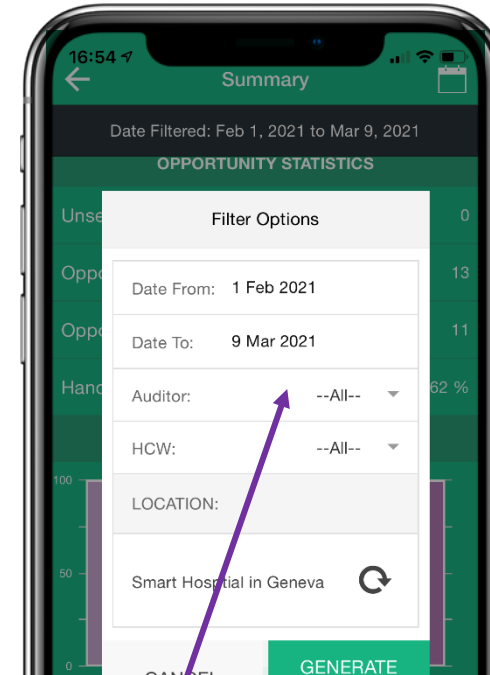
User Role *Auditor* has Access to the APP, only.



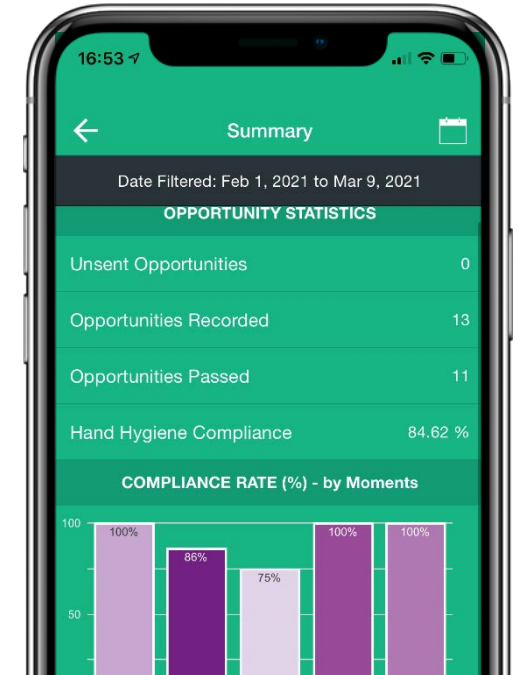
Sees targets (if there are any), fulfillment rate & recorded observations.



Can perform Hand Hygiene Compliance Observations

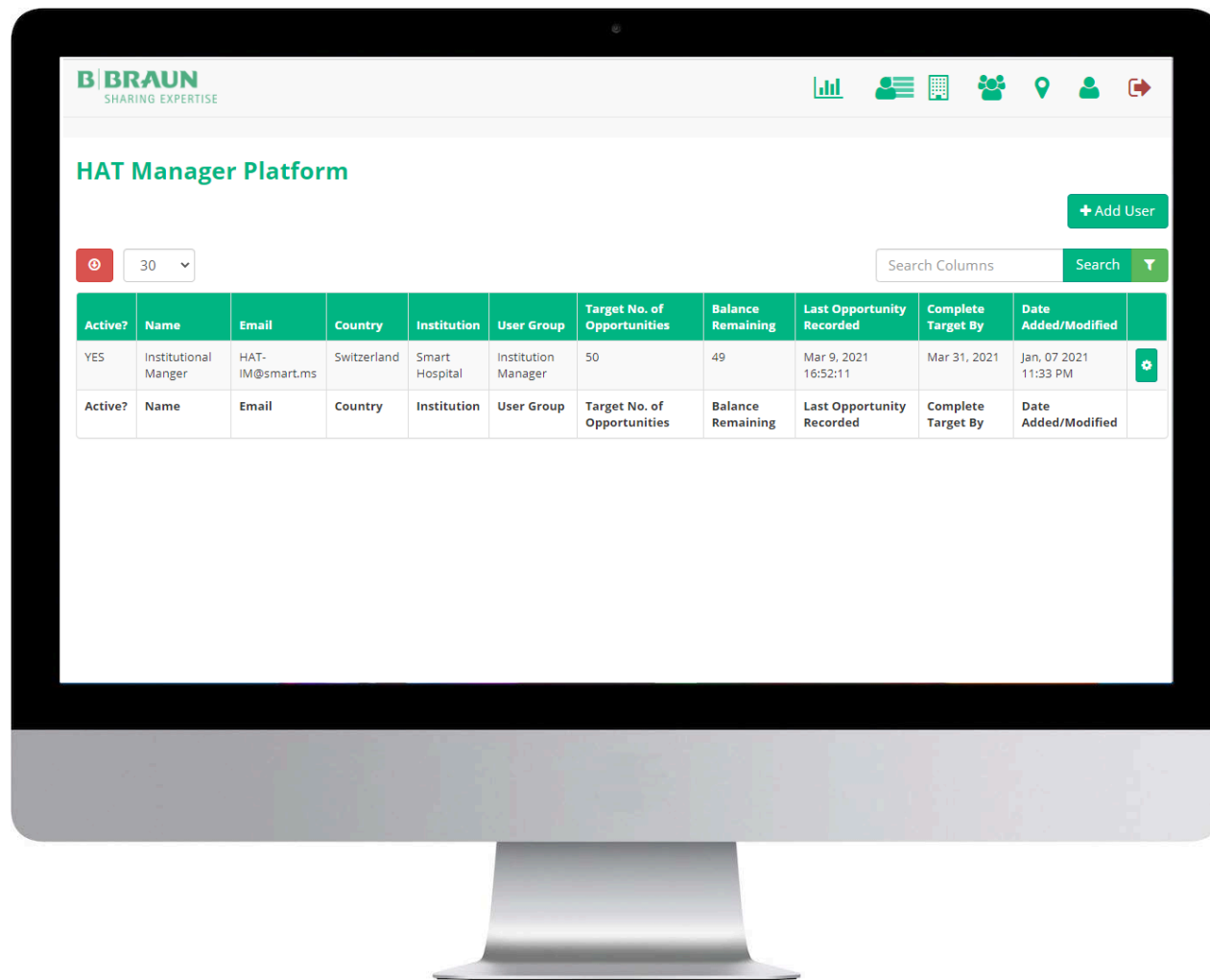


For the user role *Auditor* the selection of other Auditors is blocked! Data entered by other Auditors cannot be seen.



Generate and filter reports by location, dates & health care worker type

Main Features Web-Admin-Tool



Reports



Users List



Institutions



Manage HCW



Locations



Profile



Logout?

How to prepare before login for the first time!

Who shall use the APP?

Who shall use the WAT?

In which locations will hand hygiene monitoring happen?

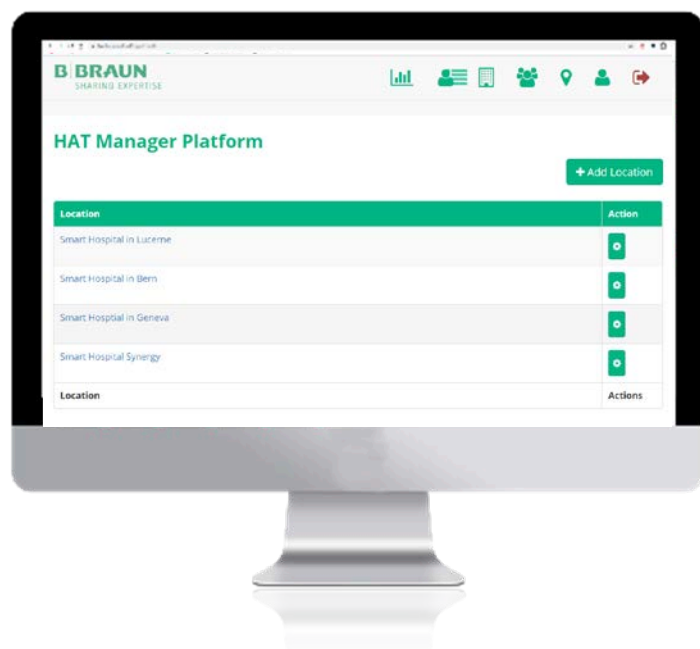
For which healthcare worker types shall hand hygiene monitoring be performed?

Things to know

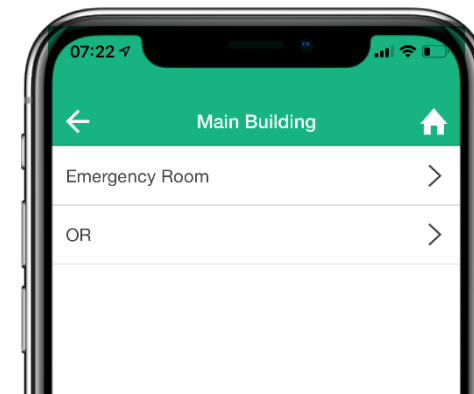
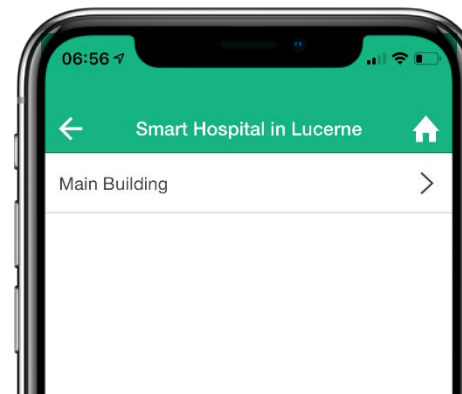
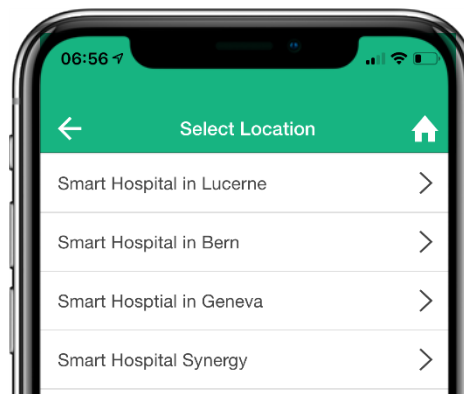
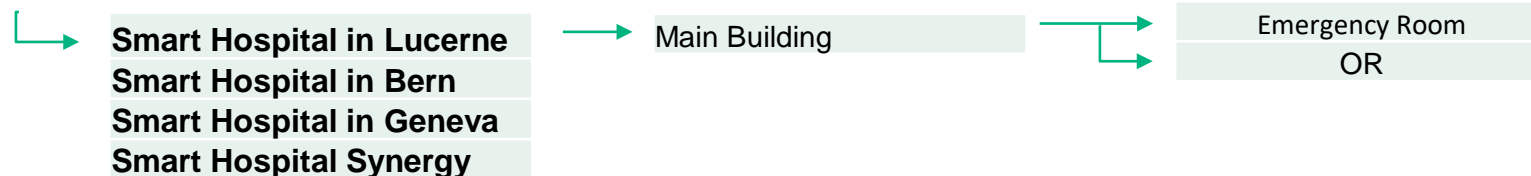
- An email address can be used only one time. Users cannot be deleted by Institutional Managers.
- The APP will not work, if no locations are set.
- Strictly avoid editing locations as this will have an impact on your reporting. Locations cannot be rearranged or sorted. The first entry appears on top of the list and more entries on the same level will follow in the sequence they are entered.
- Therefore, it is strongly recommended to write down user-list and the location setting before first time login.
- For reasons of data protection, users might not want to use their personal institutional email address nor private email address. Create alias emails.
E.g. the Smart-Hospital uses the **domain: smart.ms** so the email of auditor one would look like: **auditor-1@smart.ms** and institutional manager would look like **hat-im-1@smart.ms**

Location Setting in the Web-Admin-Tool

Plan before creating Your Own Drop-Down-Menus for the APP

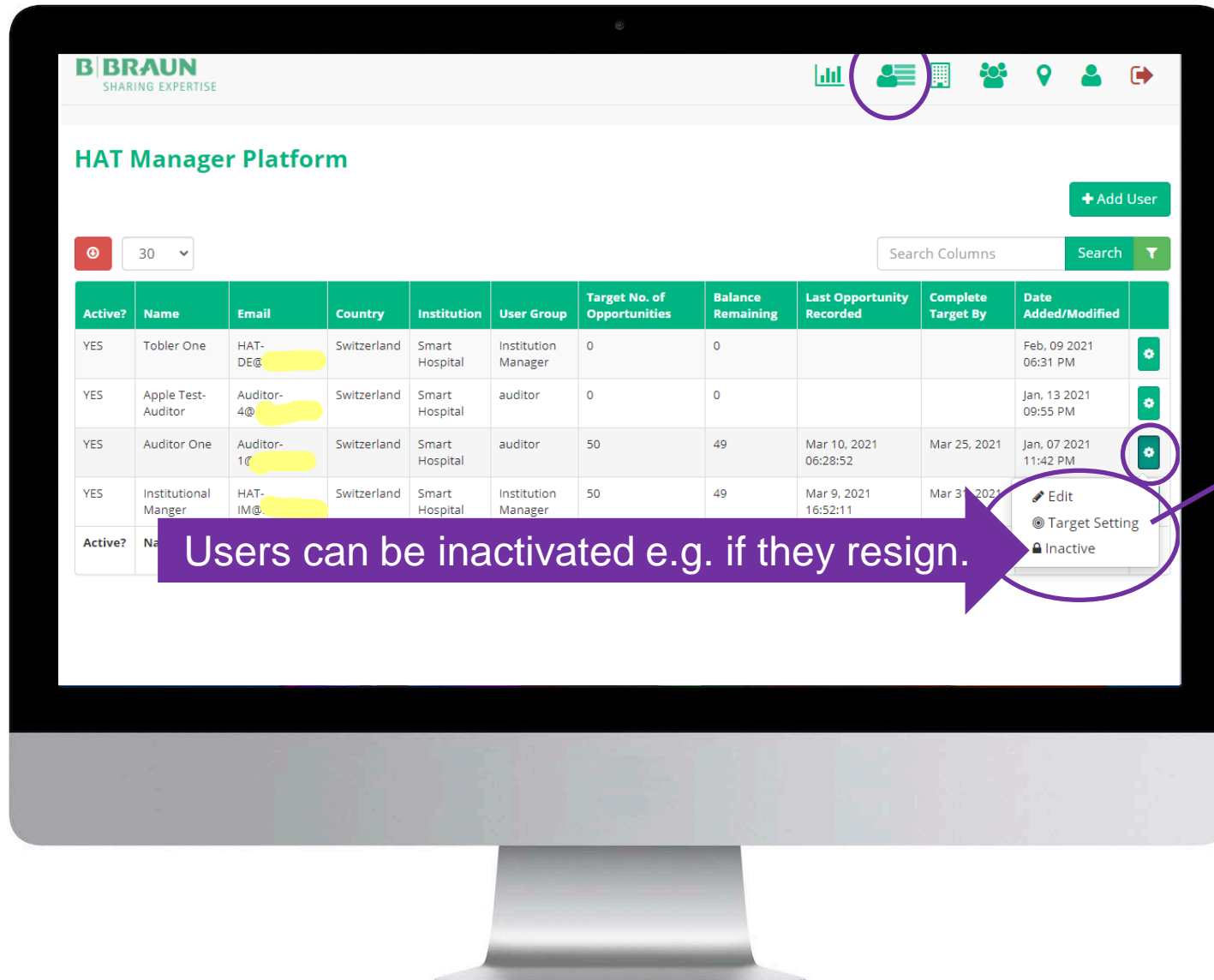


Smart Hospital Group

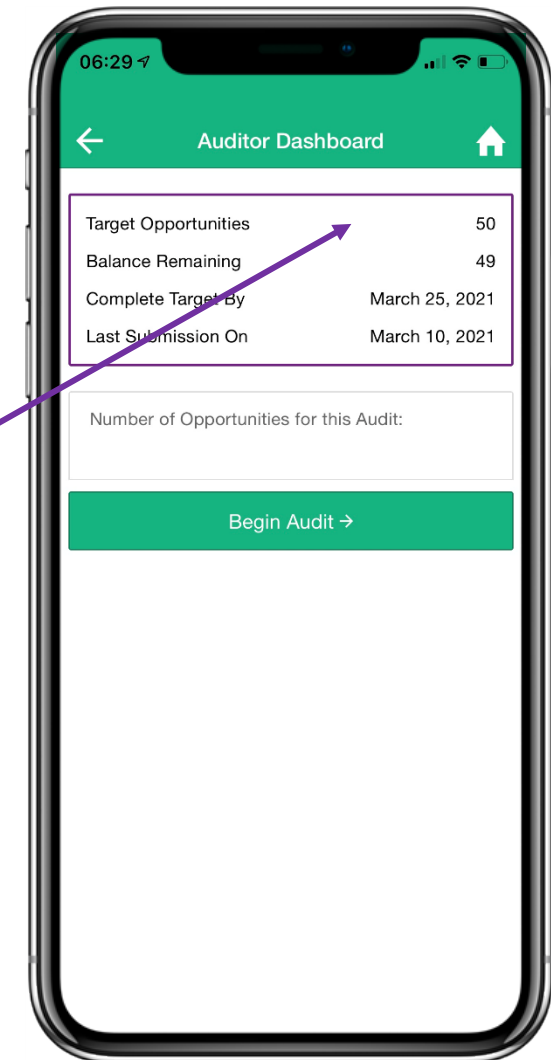


If no location is defined, the APP will not work!

Target Setting of No. of Opportunities to be Observed



Users can be inactivated e.g. if they resign.



Create and Sort Healthcare Worker Groups

B | BRAUN
SHARING EXPERTISE

HAT Manager Platform

Healthcare Worker

Add new +

- Nurse x
- Doctor x
- HCA (Healthcare Assistant) x
- Floor Cleaner x
- Technician x**
- Cleaning Contractors x
- Clerical Assistant x
- DSW (Dialysis Support Worker) x
- Spine x

NOTE: Drag to sort items

B | BRAUN
SHARING EXPERTISE

HAT Manager Platform

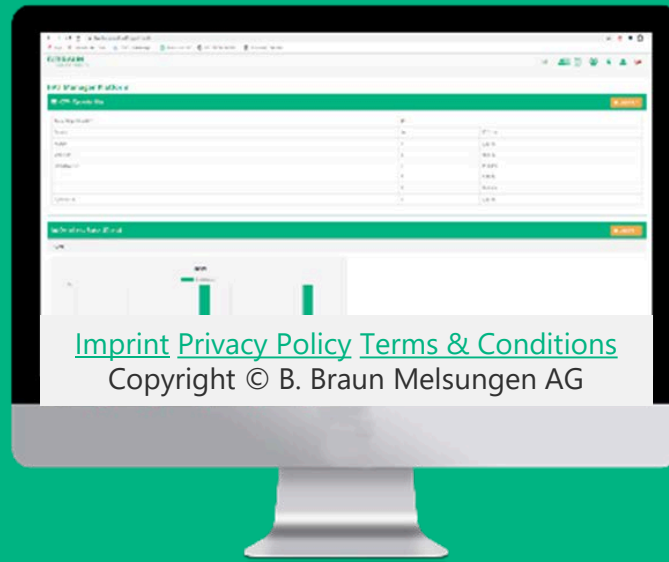
Healthcare Worker

Add new +

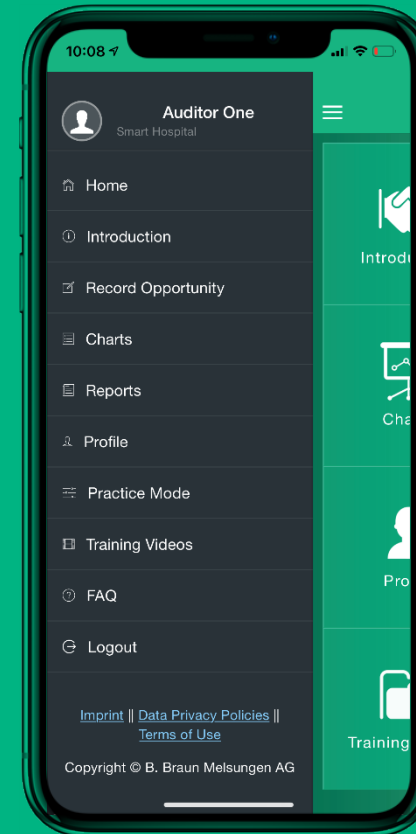
- Nurse x
- Technician x**
- Doctor x
- HCA (Healthcare Assistant) x
- Floor Cleaner x
- Cleaning Contractors x
- Clerical Assistant x
- DSW (Dialysis Support Worker) x
- Spine x

NOTE: Drag to sort items

Data Security, Data Privacy & Transparency



Same content for the Web-Admin-Tool and the mobile APP. At first-time login Data Privacy and Terms & Conditions must be accepted.



Transparency

Institutional Managers can download all data that is stored for their Institution

ID	ACTIVE	E	USERNAM	DECRYPTED EMAIL	COMPANY	GROUP NAME	FULL NAME	DATE REGISTERED	EXPIRATION DATE	COUNTRY NAME	COUNTRY CODE	OBSERVATION DATE REGISTERED	TARGET OBSERVATION	OBSERVATIONS MADE	BALANCE START DATE	END DATE
964	1			Test1	B. Braun Medical AG (BBMCH)	Institution Manager	Test7	Oct, 27 2019 01:14 PM	Dec 31, 2020			2019-10-30 13:03:06		0	0	0
962	1			Test2	B. Braun Medical AG (BBMCH)	Institution Manager	Test8	Nov, 05 2019 04:52 PM	Dec 31, 2020			2019-12-16 10:28:09		0	0	0
954	1			Test3	B. Braun Medical AG (BBMCH)	Institution Manager	Test9	Aug, 21 2019 08:55 AM	Dec 31, 2020			2020-05-12 07:29:59		0	0	0
953	1			Test4	B. Braun Medical AG (BBMCH)	auditor	Test10	Aug, 16 2019 09:45 PM	Dec 31, 2020					0	0	0
952	1			Test5	B. Braun Medical AG (BBMCH)	auditor	Test11	Aug, 16 2019 09:44 PM	Dec 31, 2020					0	0	0
951	1			Test6	B. Braun Medical AG (BBMCH)	auditor	Test12	Dec, 16 2019 05:26 PM	Dec 31, 2020			2020-07-07 15:23:52		0	0	0

Date & Time	Auditor	Location	Title	HEALTHCARE WORKER					MOMENT							OCCUPATIONAL			
				1	2	3	4	5	Action	Result	Exposure	GLOVES	Risk	GOWN	MASK	Mask Type	Notes		
2020-01-07 15:39:38	Test	Desk \ Aisle	Nurse	1					rub	PASSED	-	YES	-	-	-				
2020-04-07 12:56:12	Test	Desk \ Window	Doctor		3				rub	PASSED	-	-	-	-					
2020-04-07 12:56:18	Test	Desk \ Window	Doctor			5			missed	FAILED	-	-	-	-					
2020-04-07 12:56:25	Test	Desk \ Window	Doctor		4				wash	PASSED	-	-	-	-					

	Moment 1			Moment 2			Moment 3			Moment 4			Moment 5		
	Passed	Total	%	Passed	Total	%	Passed	Total	%	Passed	Total	%	Passed	Total	%
Nurse (ID 253)	4	5	80%	4	4	100%	5	5	100%	3	5	60%	1	1	100%
Doctor (ID 252)	0	0	0%	1	1	100%	1	2	50%	2	2	100%		2	0%
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Data Security

The application is served via HTTPS to ensure integrity and confidentiality of data between the user's computer and the site.

The login system flags a user account and locks the account after several failed login attempts. It is currently configured to 5 attempts.

After 15 minutes idle time (no activity on the Web-Admin-Tool) the user is logged off automatically.

Email address of the user field is stored encrypted in the database.

Administrators (Employees from B. Braun) can set up and edit accounts for institutions and users. Recorded HH-compliance data or locations is inaccessible for B. Braun employees.

Interested?

Please contact
hat-service@bbraun.com