



AutoHygiene: From Guided Technique to Reviewable Hand-Hygiene Events

A measurement and implementation guide for step-level guidance, session records, trend review, and program governance.

Who it's for

Infection prevention, nursing leadership, quality, department management, education, privacy, and IT

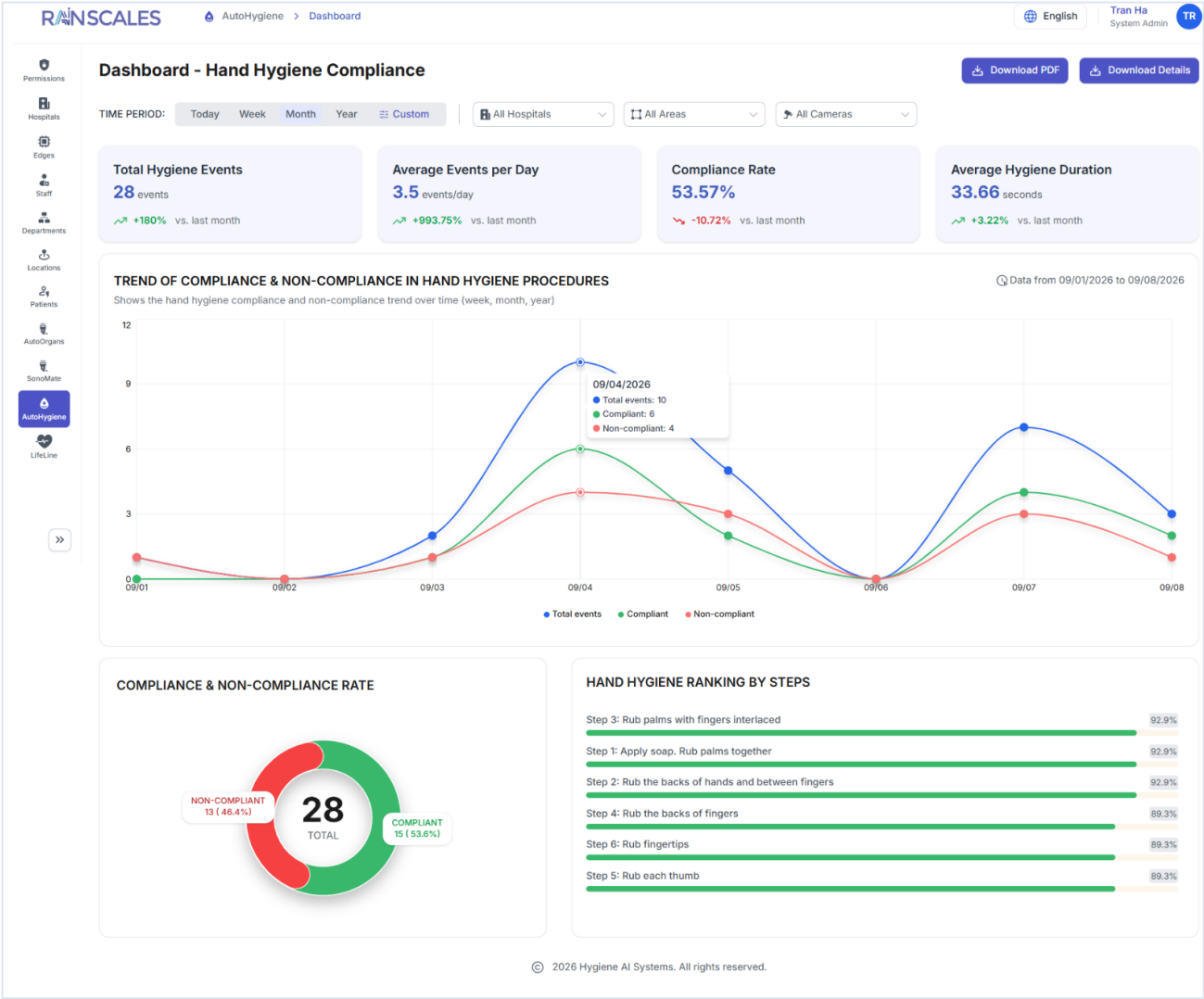
Scope

Product and workflow information grounded in supplied Rainscales materials. Not clinical guidance or a regulatory statement.



Dashboard – Hand Hygiene Compliance

01 Dashboard Dashboard is AutoHygiene’s central operations area, helping infection control teams and department managers quickly grasp hospital-wide hand hygiene compliance without opening individual events. 1.1 Compliance Overview and Trend Provides an overview of hand hygiene activity based on the filters currently applied. — Four key metrics: Total Hygiene Events, Average Events per Day, Compliance Rate, and Average Hygiene Duration. — Compares each metric's change against the previous period. — Trend chart over time: total events, compliant events, and non-compliant events. — Export data via Download PDF and Download Details. 1.2 Compliance Rate and Step Ranking Analyzes execution quality of the 6-step hand-washing procedure to identify areas for improvement. — Donut chart showing the Compliant vs. Non-compliant share of total events. — Ranking table of compliance rate by step, sorted from highest to lowest. — Helps quickly identify frequently skipped steps to inform training content.



Dashboard – Hand Hygiene Compliance

Event List – Hand hygiene event list

2.1 Event List A centralized, searchable list of hand-washing events across the hospital, showing each event's compliance result with the per-step breakdown and letting users bookmark events for later review.

RAINSCALES

AutoHygiene > Events

English

Tran Ha
System Admin

TR

Permissions

Hospitals

Edges

Staff

Departments

Locations

Patients

AutoOrgans

SonoMate

AutoHygiene

LifeLine

Search by Event ID

Filters

ID	EVENT SUMMARY	EVENT TYPE	RESULT	COMPLIANT	NON-COMPLIANT
2026-39	DEMO Hospital ICU Room CAM01 09/08/2026 13:10:58 (UTC+7)	REGULAR HA...	Compliant	S1 S2 S3 S4 S5 S6	
2026-38	DEMO Hospital ICU Room CAM01 09/08/2026 11:41:58 (UTC+7)	REGULAR HA...	Compliant	S1 S2 S3 S4 S5 S6	
2026-37	DEMO Hospital ICU Room CAM01 09/08/2026 08:49:37 (UTC+7)	REGULAR HA...	Non-Compliant	S1 S2 S3 S4 S5 S6	
2026-36	DEMO Hospital ICU Room CAM01 09/07/2026 16:36:40 (UTC+7)	REGULAR HA...	Compliant	S1 S2 S3 S4 S5 S6	
2026-35	DEMO Hospital ICU Room CAM01	REGULAR HA...	Non-Compliant	S1 S2 S3 S4 S5 S6	

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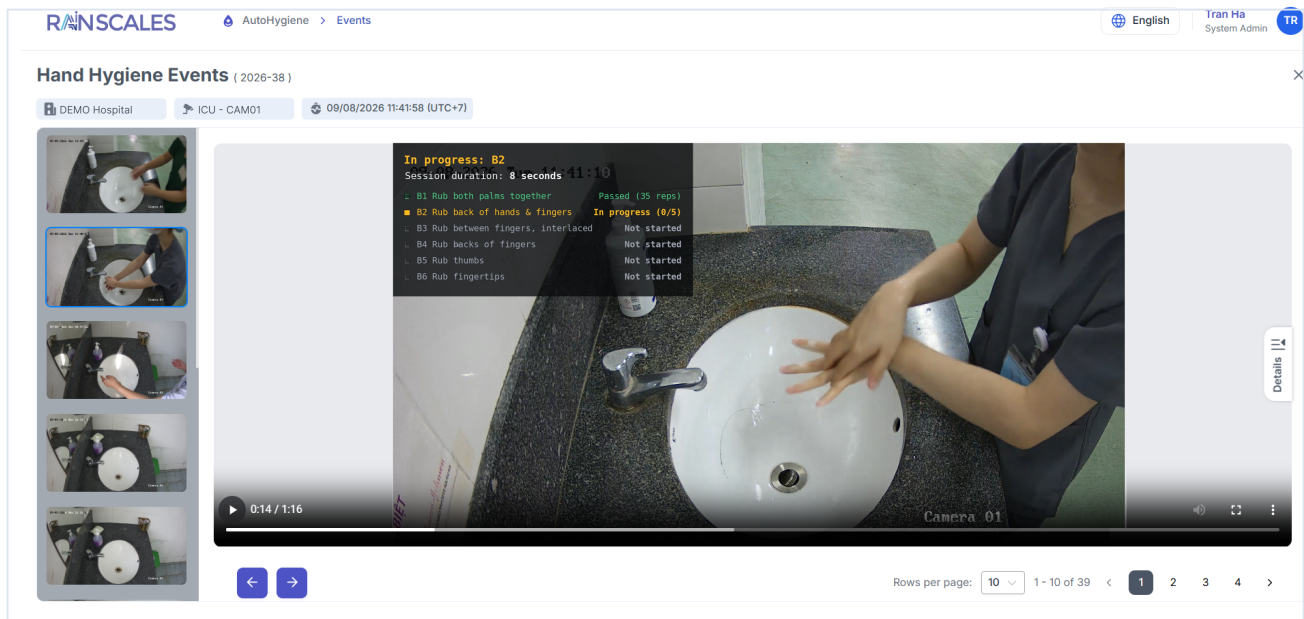
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Event List – Hand hygiene event list

Event Detail – Review video and step-by-step evaluation results

2.2 Event Detail Opens a single event to review its video and the system's evaluation outcome. — Event video with a step-by-step progress overlay and the hand-washing session duration. — The video list on the left follows the same order as Event List. — Details panel for viewing the event's full information. — Previous / Next navigation between events, with pagination inside the popup.



Event Detail – Review video and step-by-step evaluation results

Device List – Manage cameras and Edge devices for hand hygiene monitoring

03 Device Device is AutoHygiene's data-capture infrastructure area, covering cameras deployed at hand-washing stations and the Edge servers that process the video feed. 3.1 Device List Centralized management of cameras by hospital, area, and connection status, with each camera's live Active/Online state pulled directly from the AI system. Cameras can be added manually, synced from IDP, or edited and removed under role-based permissions.

RAINS CALES

AutoHygiene > Device List

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SonoMate

AutoHygiene

LifeLine

Q Search by device code or camera name

Filters

+ Add Camera

CAMERA CODE	CAMERA NAME	DESCRIPTION	HOSPITAL	AREA	EDGE	ACTIVE STATUS	CONNECTION	
PPT_CAM01	CAM01	Camera stream is...	DEMO Hospital	ICU Room	Edge01	Active	Offline	
PTH_CAM01	CAM02	Camera stream is...	DEMO Hospital	ICU Room	Edge02	Active	Offline	
HOHAP_HANH...	CAM03	Camera stream is...	DEMO Hospital	Operation Room	Edge03	Active	Online	
ICU_CAM01	CAM04	Camera stream is...	DEMO Hospital	Operation Room	Edge04	Active	Online	

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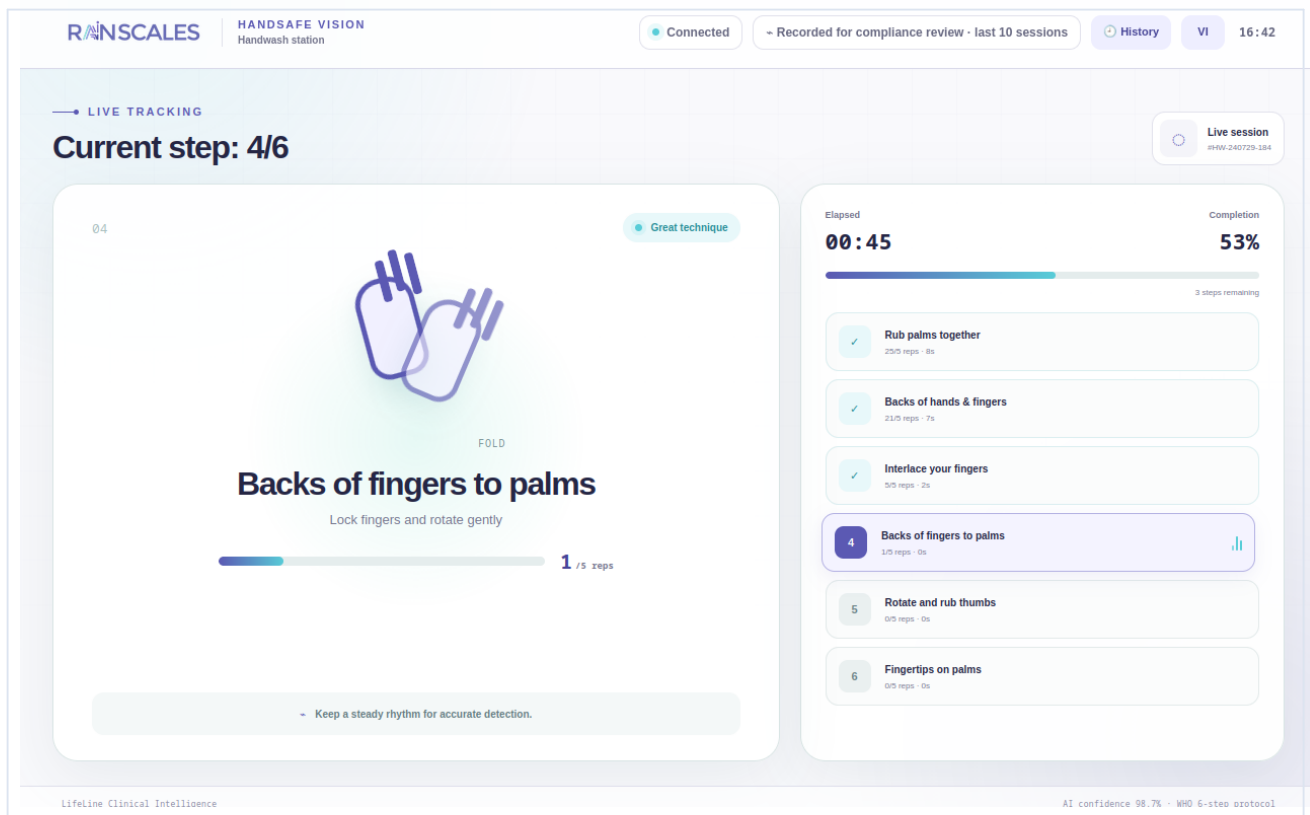
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Device List – Manage cameras and Edge devices for hand hygiene monitoring

Live Tracking – Real-time 6-step tracking and guidance

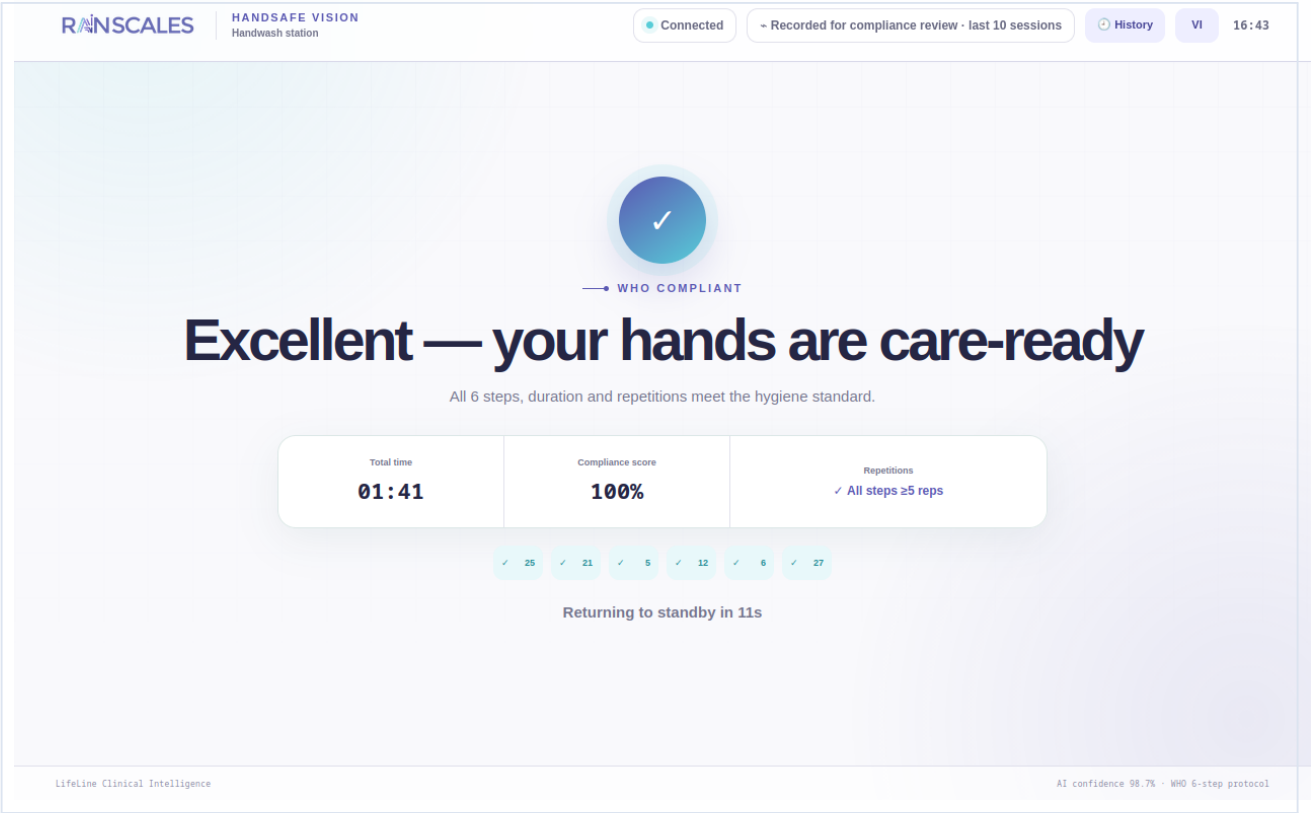
4.1 Live Tracking Tracks and guides staff while they are washing their hands. — Main area illustrates the motion for the current step, with the step name, a short description, and a rep counter (e.g. 1/5 reps). — Instant feedback label on technique quality, e.g. “Great technique”. — Right-hand panel shows elapsed time, completion percentage, steps remaining, and a list of all 6 steps with each step's rep count and duration.



Live Tracking – Real-time 6-step tracking and guidance

Session Result – Hand-washing session meets the WHO standard

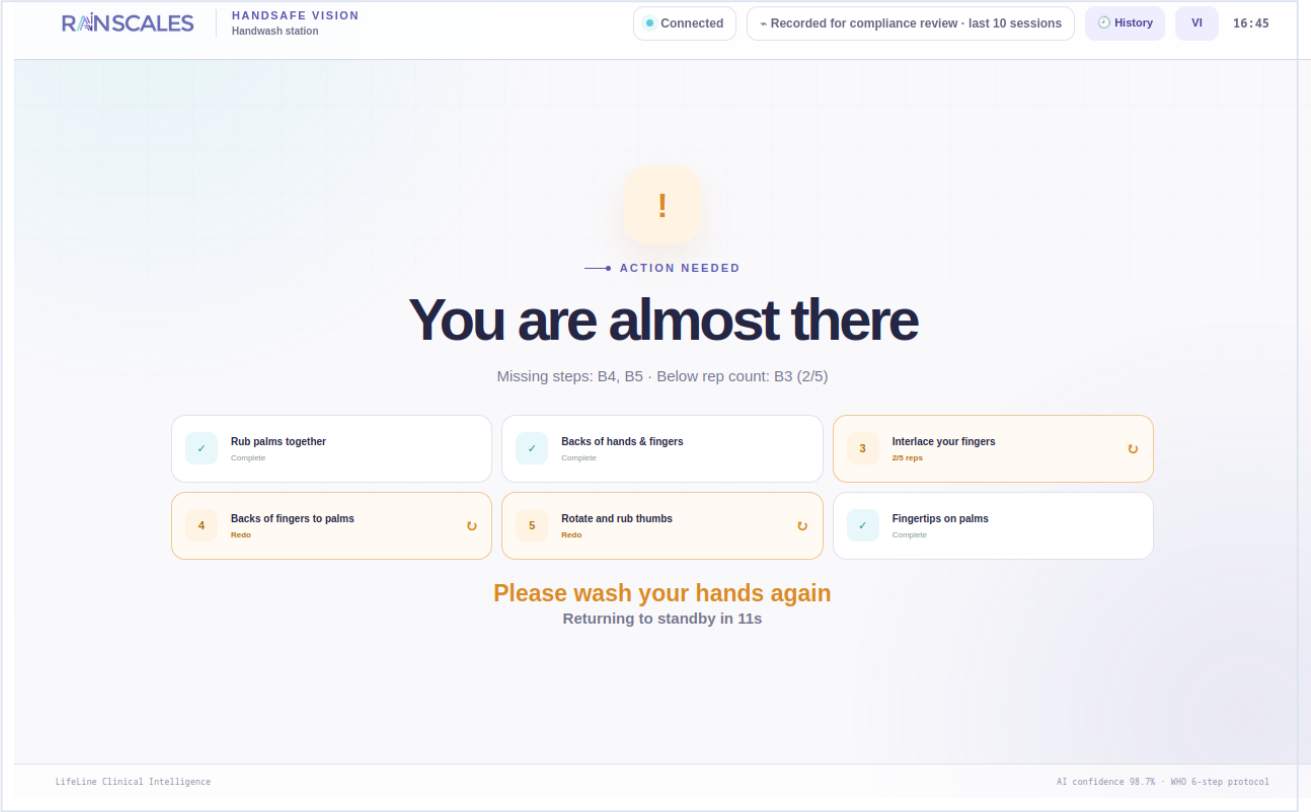
4.2 Session Result – Hand-washing session meets the WHO standard 4.2 Compliant Result Summary screen shown when the hand-washing session fully meets the WHO standard. – WHO Compliant label with a confirmation message that the staff member washed their hands correctly. – Three summary metrics: total time, compliance score, and the rep-count status of every step. – 6-step result strip showing the actual rep count recorded for each step. – Automatic countdown back to the idle screen, with no action needed from the user.



Session Result – Hand-washing session meets the WHO standard

Session Result – Hand-washing session incomplete, needs to be redone

4.3 Session Result – Hand-washing session incomplete, needs to be redone 4.3 Non-compliant Result Summary screen shown when the hand-washing session is missing steps or reps. – Action Needed label with an error summary: skipped steps and steps with insufficient reps. – 6-step grid clearly distinguishes Complete steps from steps that need a Redo, using a warning color. – Message prompting the staff member to redo the hand-washing procedure. – Also auto-returns to the idle screen after the countdown; the session is still recorded as Non-compliant in Events.



Session Result – Hand-washing session incomplete, needs to be redone



Review the workflow with Rainscales

Use this guide to structure a review with clinical, operational, privacy, security, and regulatory stakeholders.