



PROVCOM

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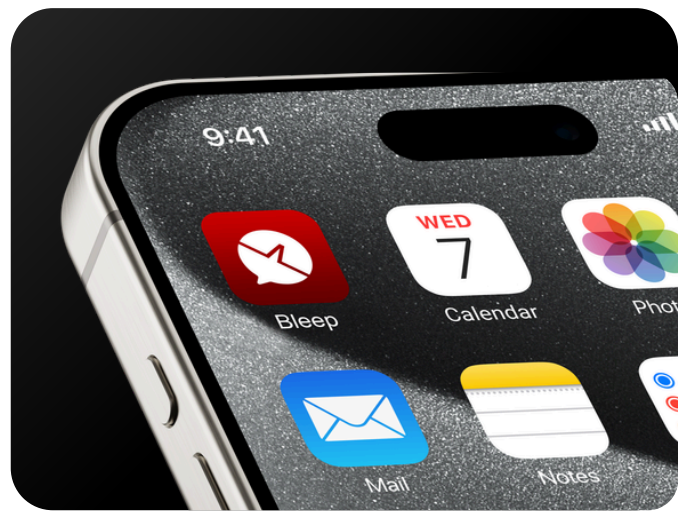
Bleep

Welcome To Bleep

Speed. Security. Simplicity

PROVCOM Bleep is an advanced, healthcare-specific communication solution built exclusively for hospitals and medical teams. It provides secure, efficient, and highly reliable messaging tailored precisely to clinical workflows.

Unlike generic messaging apps, PROVCOM Bleep is designed around patient safety, rapid team collaboration, and seamless integration into healthcare environments, keeping your clinical communication compliant, organized, and effective.



Application Advantages

01

Secure & Encrypted Communication

- End-to-end encryption, role-based access control, and compliance with HIPAA & GDPR.

02

Cross-Platform Accessibility

- Seamless support on iOS, Android, and web, with real-time synchronization.

03

Intelligent Notification System

- Differentiates between urgent and non-urgent alerts with immediate notifications and automatic escalation.

04

Reliable Emergency Communication

- Instant emergency alerts, high-quality voice/video calls, and group broadcasting for rapid response.

05

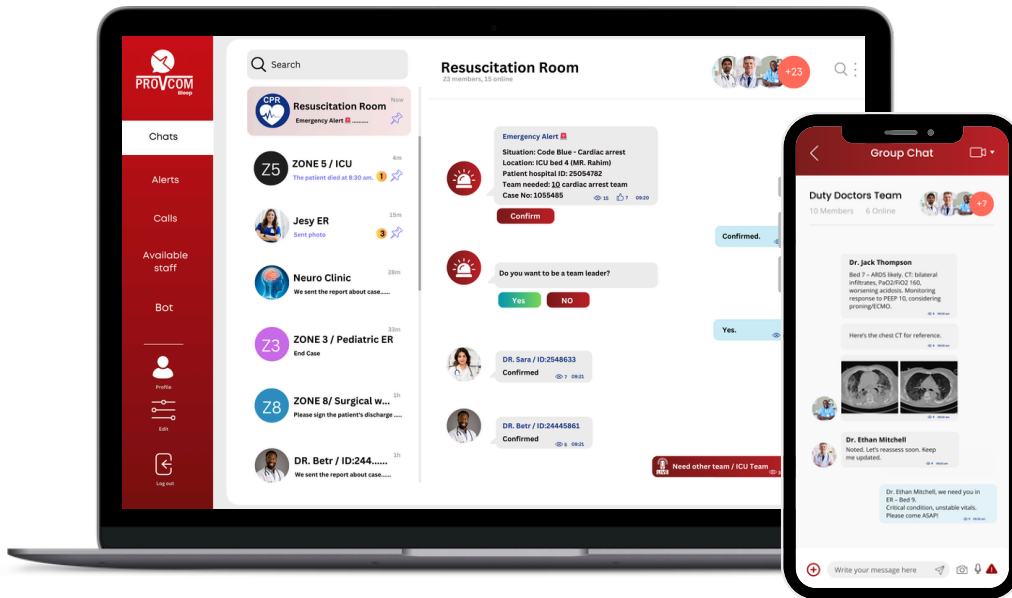
Seamless Integration with Hospital Systems

- Connects effortlessly with HIS, EMR, ERP, and patient monitoring systems for efficient data flow.

06

Efficient Team Coordination

- Enables creation of shift groups, manages group communications, and monitors conversations for compliance.



Bleep's Features



Fast & Secure Login

Access via OTP or QR code for quick and secure entry anytime.



Instant Notifications

Receive messages and alerts in real-time, even on weak networks.



User-Friendly Interface

Intuitive and simple design for effortless user interaction with no training needed.



Multi-Device Access

Seamless functionality across mobile, tablet, and desktop using the same account.



Multi-Language Support

Interface available in several languages to suit diverse hospital staff.



Night Mode for Shifts

Reduces eye strain during night duties and in dim environments.



User Availability Status

Display of user status (Available – Busy – Off Duty) to streamline coordination.



Department-Based Group Chats

Organized communication reflecting medical team structures.



Customizable Alert Tones

Different tones for critical and general notifications.



Sharing Medical Files & Images

Instantly share results, reports, or documents within chats.



Pinned Important Conversations

Keep vital threads at the top of the chat list for quick access.



Read & Delivery Confirmation

Transparent tracking of who received and read the messages.



Quick Replies & Reactions

Respond instantly using predefined phrases or emojis.



Smart Internal Contact Directory

Search for staff by name, role, or department.



Silent Mode for Critical Environments

Receive silent or vibration alerts during operations or meetings.



Lightweight & Reliable Performance

Operates smoothly and efficiently even under heavy workload conditions.



Challenges and Solutions

In fast-paced and high-stakes healthcare environments, communication systems must rise to meet complex operational demands. PROVCOM BLEEP is thoughtfully engineered to address these realities, delivering targeted solutions that enhance reliability, optimize workflows, and empower clinical teams to act with speed and confidence — even in the most critical situations.



Slow response times from outdated paging systems.

Accelerated Response

- Enables instant, multi-channel alerts to reach the right personnel within seconds, streamlining emergency workflows.



Missed critical alerts due to alert fatigue and escalation gaps.

Reliable Escalation

- Ensures no alert goes unanswered through intelligent, rule-based escalation paths and priority-driven notifications.



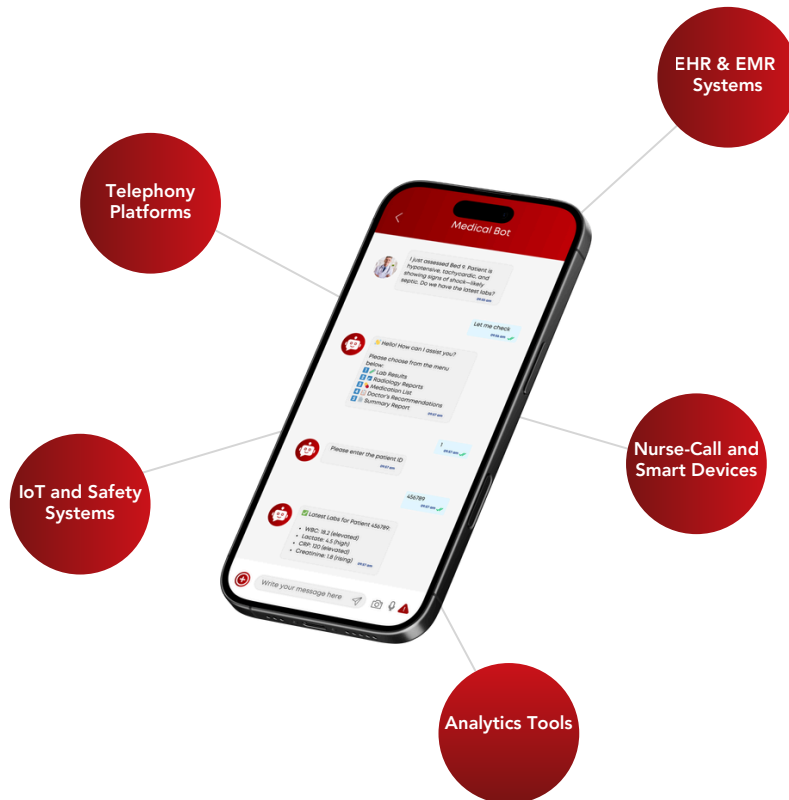
Compliance and data-security risks from unsecured messaging apps.

Secure Communication

- Delivers end-to-end encrypted messaging with full audit trails, maintaining compliance and protecting sensitive clinical data.

Bleep's Integration

PROVCOM BLEEP is built to adapt, scale, and seamlessly integrate within modern healthcare environments. With a flexible architecture and robust interoperability framework, BLEEP empowers institutions to unify communication across their existing systems — enhancing coordination, minimizing fragmentation, and supporting efficient, data-driven decision-making.



EHR & EMR Systems

Seamlessly integrates with electronic health records to enhance clinical communication and reduce manual data handling.

Telephony Platforms

Connects with unified communication systems to enable real-time voice alerts and call routing across hospital networks.

Nurse-Call Systems

Receives and forwards nurse-call alerts directly to the right care team members for faster bedside response.

Smart IoT and Devices

Interacts with smart medical devices and sensors to trigger automated alerts and condition-based notifications.

Safety Systems

Links with fire alarms, duress buttons, and emergency systems to broadcast urgent alerts across multiple channels.

Analytics Tools

Provides data integration for reporting and analysis, offering insight into response times, alert volumes, and usage trends.

End-User App

The PROVCOM Bleep clinician interface is purpose-built to centralize all essential communication and alerting functions within a single, easy-to-use mobile platform. Instead of juggling multiple systems or applications, care-team members can now manage their entire communication workflow in one place—securely and efficiently.

From sending encrypted messages to initiating and acknowledging code alerts, making real-time voice calls, locating on-duty staff, or instantly accessing critical patient data pulled directly from hospital systems—every action is just a tap away. This unified experience eliminates the need to switch between apps or devices, saving valuable time during high-pressure clinical moments.

Additionally, the platform is built with enterprise-grade security in mind. End-to-end encryption, role-based access, and full audit trails ensure compliance with healthcare standards such as HIPAA and GDPR. The interface itself is optimized for speed and simplicity, reducing unnecessary steps and allowing frontline healthcare professionals to focus on what matters most: delivering timely, high-quality patient care.



System Components

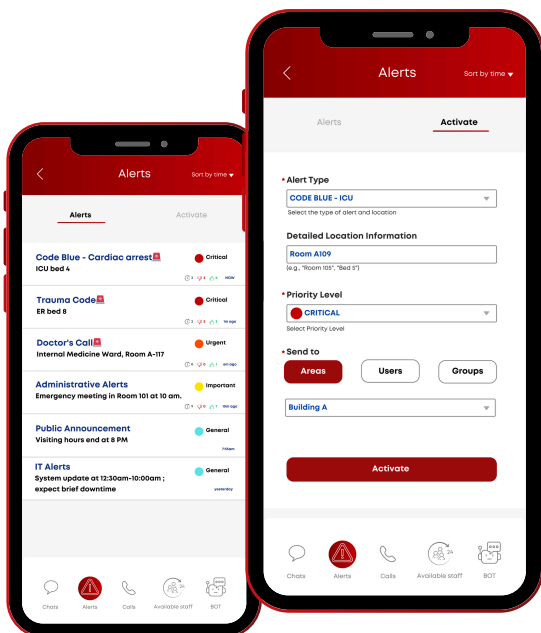
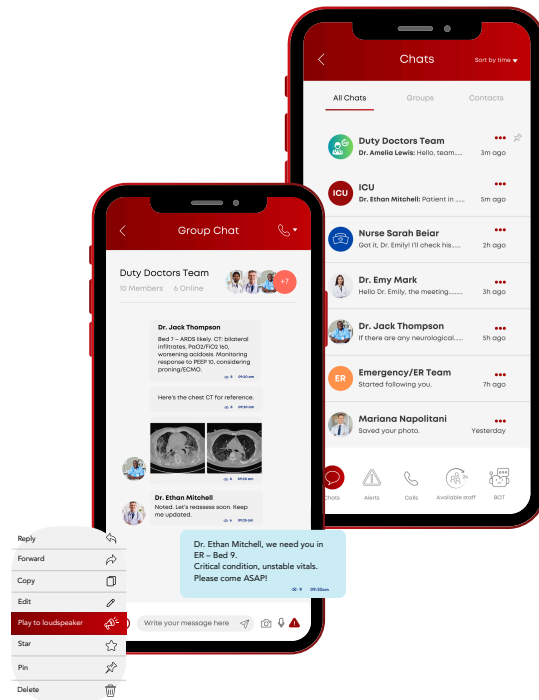
Chats

Real-Time, Secure Messaging

Instant encrypted messaging across teams and individuals, with easy sharing of images, reports, and voice notes—fully synchronized and auto-archived.

Smart Chat Tools

Quick actions (Reply, Forward, Edit, Loudspeaker, Star, Pin, Delete), plus easy search, mentions, and pinned messages for rapid communication.



Alerts

Live alert stream

Alerts surface instantly as they occur, automatically sorted by priority, with quick filters for alert type, date, and active / cleared status.

One-tap alert trigger

Authorized staff can dispatch a priority, location-specific alert in seconds.

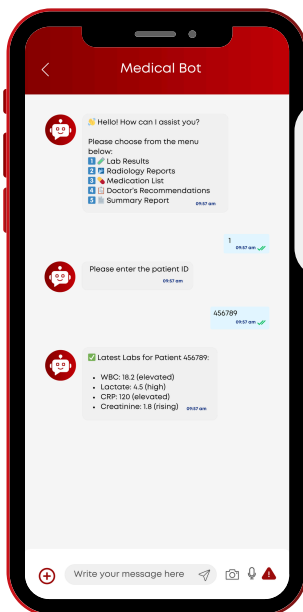
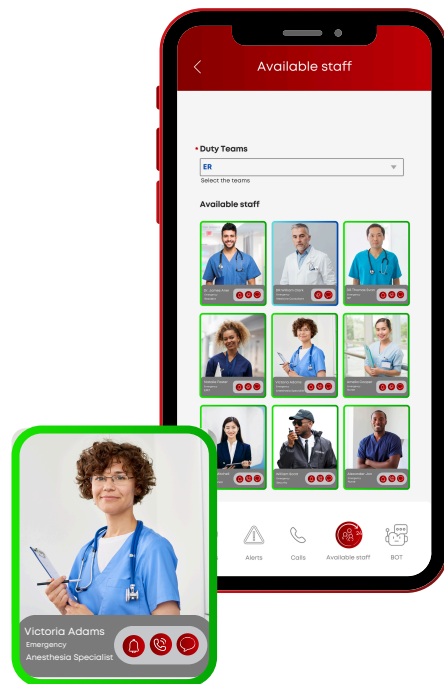


Calls

- See all incoming, outgoing, and missed calls in a single list.
- Tap to call back or use the hospital PA when voice contact is urgent.

Available Staff

- Live dashboard shows who's on duty, their role, and exact location.
- Connect immediately via call, chat, or PA with a single tap.



Hello! How can I assist you?
Please choose from the menu below:
 Lab Results
 Radiology Reports
 Medication List
 Doctor's Recommendations
 Summary Report



Medical Bot

- Request labs, imaging, or medication lists and get results in seconds.
- Direct EMR integration saves time and delivers error-free data

Admin Dashboard

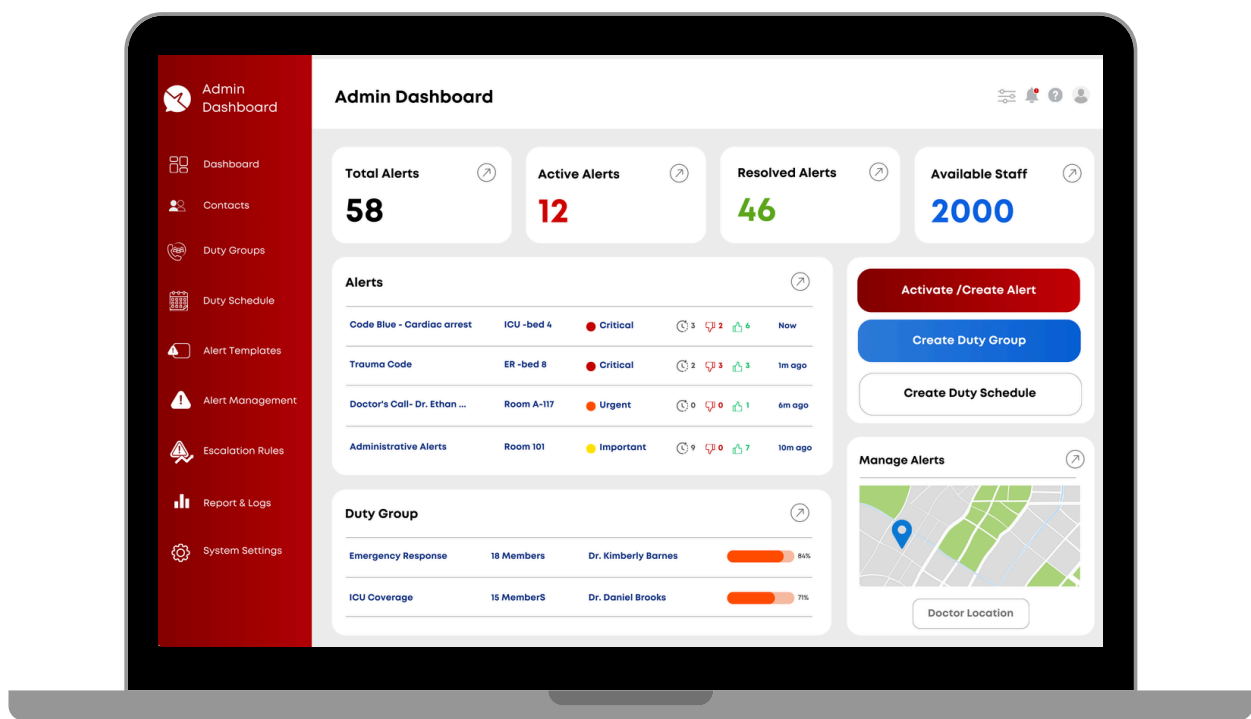
The PROVCOM BLEEP Admin Dashboard serves as the central control point for managing all communication workflows within the healthcare environment. Designed for operational clarity and efficiency, it provides administrators with real-time visibility into alerts, staff availability, schedules, and escalation paths.

Through its intuitive, role-based interface, the dashboard simplifies the coordination of on-call teams, automates emergency response processes, and ensures full compliance with communication protocols. Whether configuring alert templates or generating audit-ready reports, the Admin Dashboard enables healthcare leaders to maintain fast, secure, and reliable communication across the entire organization.

Dashboard

Provides an at-a-glance view of current system activity:

- Real-time display of active alerts, resolved cases, and available staff.
- Quick insights into the volume, type, and status of alerts.
- Shortcut access to create or manage alerts, activate duty groups, or locate doctors.
- Designed for rapid situational awareness during emergencies.



Contacts

Manages the complete directory of staff users:

- Add, edit, or import user profiles including name, role, department, phone numbers, extensions, and email addresses.
- Create a unified contact list integrated with HR systems.
- Organize staff for use in alerts, duty groups, or templates.
- Essential for maintaining up-to-date contact data across the organization.

ID	Name	Role	Dept	Ext	Mobile	Actions
2001	Dr. Emily Johnson	Physician	ER	1021	(312) 555-0147	
2002	John Miller	Nurse	ICU	1120	(646) 555-0210	
2003	Dr. Robert Smith	Cardiologist	Cardiology	1322	(415) 555-0332	
2004	Linda Walker	IT Support	Tech	1045	(213) 555-0451	
2005	Dr. Michael Lee	Resident	Pediatrics	1430	(718) 555-0123	
2006	Sarah Thompson	Lab Tech	Lab	1210	(202) 555-0199	
2007	Dr. Kevin Brown	Surgeon	OR	1150	(917) 555-0172	
2008	Megan Davis	Admin	HR	1090	(310) 555-0225	
2009	Dr. Jason Clark	Anesthesiologist	OR	1255	(206) 555-0251	
2010	David Wilson	Radiologist	Imaging	1178	(602) 555-0308	

Add Contact Save

ID

Name

Role

Dept Ext

Mobile

Tel

Email

Duty Groups

Allows administrators to define specialized on-call teams:

- Group staff by function (e.g., ICU Response Team, Emergency Surgery Unit).
- Assign duty admins to manage groups independently.
- Link groups to specific alerts, escalation rules, or schedules.
- Facilitates streamlined emergency communication to predefined teams.

Name	Staff Members	Duty Admin	Schedule	Status	Actions
Night Shift	<ul style="list-style-type: none"> Dr. Emily Johnson Dr. Michael Lee David Wilson Sarah Turner 	Dr. Robert Smith	View	<input checked="" type="checkbox"/>	
ICU Coverage	<ul style="list-style-type: none"> Dr. Daniel Brooks Dr. Matthew Foster Dr. Kevin Parker Nicole Turner 	Dr. Daniel Brooks	View	<input checked="" type="checkbox"/>	
Emergency Response	<ul style="list-style-type: none"> Dr. Laura Adams Dr. Nicole Turner Rachel Evans Megan Price 	Kimberly Barnes	View	<input type="checkbox"/>	

Duty Schedule

A scheduling engine for on-call shifts and rotations:

- Build detailed weekly/monthly shift plans for departments.
- Assign staff to shifts with precise start/end times.
- Sync with HR systems and notify staff upon schedule changes.
- Supports holiday plans, weekend coverage, and cross-department coordination.

New Schedule Save

Schedule Name: Date Range: →

Duty group:

Staff list

Dr. Amanda Wilson	Dr. Emily Johnson	Nurse Olivia Hayes
Dr. L. Johnson	Dr. Michael Carter	Dr. Ethan Brown
Nurse A. Miller	Dr. Sarah Thompson	Dr. Olivia Davis
Dr. S. Shehad	Nurse Megan Collins	Nurse James Mitchell
Dr. Emily Johnson	Nurse Benjamin Ross	Nurse Emily Parker

Notify staff upon save
 Sync with HR system

New Schedule Save

Dr. Amanda Wilson Save

Day	Date	Shaft hours
Wed	01/01/2025	8:00pm - 8:00am
Thu	02/01/2025	12:00am - 8:00am
Sat	04/01/2025	8:00pm - 8:00am
Sun	05/01/2025	12:00am - 12pm

Day/Date: 2025 (Calendar view) | From: 12:00 AM | To: 12:00 PM

Alert Templates

Pre-build alert messages for faster deployment:

- Create standardized messages for recurring situations (e.g., Code Blue, Blood Requests).
- Choose between text, voice, or combined alerts.
- Define required responders, recipients, locations, and priority levels.
- Enables rapid and consistent communication under pressure.

Alert Management

Comprehensive control and monitoring of all alerts:

- View full alert history with time stamps, creators, and channels used.
- Monitor recipient response rates: confirmed, declined, or pending.
- Edit, activate, deactivate, or schedule alerts.
- Ensures transparency and accountability in emergency communication.

Alert Name	Level	Template Used	Created By	Created Date	Time	Channels Used	Recipients	Total Recipients	Confirmed	Declined	Pending	Response Rate	Status	Actions
Code Blue ICU	Critical	ICU Emergency	Dr.Smith	2025-04-05	13:45	Bleep (call), Loudspeaker, EXT	ICU Team	12	10	0	2	83%	Active	View Edit Deactivate
Fire Drill	General	General Notification	Admin Johnson	2025-04-04	09:00	Bleep (message), EXT	All Staff	180	165	5	10	91%	Inactive	View Edit Activate
Blood Request	Urgent	Blood Bank Alert	Nurse Amanda	2025-04-06	01:30	Bleep (call), EXT	On-call Doctors	8	6	1	1	75%	Active	View Edit Deactivate
Maintenance Alert	Important	Maintenance Template	Ops Supervisor	2025-04-03	11:15	Bleep (message)	Engineering Dept.	6	4	0	2	66%	Active	View Edit Deactivate
Evacuation Notice	Critical	Emergency Evacuation	Security Chief	2025-04-01	17:00	Loudspeaker, Bleep (message), EXT	All Hospital Areas	210	200	0	10	95%	Active	View Edit Deactivate
Cafeteria Reminder	General	Staff Break Reminder	Admin Assist	2025-04-06	10:45	Bleep (message)	Admin + Nurses	45	30	2	13	66%	Active	View Edit Deactivate
Monthly Meeting	General	Meeting Notification	HR Manager	2025-04-05	08:30	Bleep (message), EXT	All Departments	150	120	10	20	80%	Scheduled	View Edit Cancel

Escalation Rules

Automates alert follow-up and response chains:

- Define multi-step escalation paths based on time or user response.
- Choose action types: resend, call, broadcast, or stop.
- Integrate with conditions (e.g., if declined → alert another team).
- Reduces missed alerts and improves response reliability.

Report & Logs

Audit and performance tracking tools:

- Generate logs for alerts, duty schedules, user access, and escalation activity.
- Filter by department, alert type, or date range.
- Export reports to support operational reviews or compliance audits.
- Offers visual analytics like response rates by department and alert type breakdowns.