



We are a Learning Design Company

EDTECH

Infrastructure | Heavy Engineering | Petrochemicals | Energy

INSTRUCTIONAL DESIGN

Educators | Designers | Technologists

CUTTING EDGE TECHNOLOGY

AR | VR | Interactives | 3D Simulation | VFX

SCALABLE TRAINING SOLUTIONS

Safety | SOP | Operations & Maintenance | Incident Response

We develop impactful **training** solutions for blue collar and white-collar '**shop-floor**' staff.

Understanding and retention occurs when learner is engaged. We are *not JUST a tech company*. We blend pedagogy, visual design and technology to deliver **100% learning**.

Improve **efficiency**, **lower operational risk** and increase **profitability** using robust, scalable technology like Virtual Reality, Augmented Reality, 3D simulations, VFX to train for Safety, Incident Response and Operations.

Our solutions are designed for **ease of deployment**, **metrics based reporting** and rapid scalability.



ProVR already deployed at:

adani
connex
DATA CENTERS

CNH
INDUSTRIAL

Valeo

SIEMENS

BRIDGESTONE

TATA STEEL



TATA
TATA INTERNATIONAL

Prolearner solutions deployed at:

L&T Power

Schneider
Electric

TATA PROJECTS
Simplify.Create

Beiersdorf

Evron

TOPSOE

KEC



Member of / Recognized by:

OSH INDIA

Awarded Innovative Product
of the Year 2022 in Safety (Runner-up)



CIDC Certified Vendor

#startupindia

DIPP Recognized

CII
Confederation of Indian Industry

Member, CII

Current Training Approaches and Key Challenges

Overview

- Each industrial facility conducts worker onboarding and training
- This training is often imparted in a classroom with ~10- 15 students / batch
- These sessions are trainer-led, and cover:
 - Site orientation and site safety
 - Personal safety across common operations
- Each session is typically ~1-1.5 hours in duration

Current workflow

- Trainees assemble and sign-in
- Instructors start the presentation
- Instructors demonstrate key procedures and PPE
- Oral, participatory questions
- End of session

Current approach

- Instructor shows a presentation
- Instructor may screen a video
- Instructor may show live demos of how to use PPE

Key challenges

- Low engagement, retention and recall
- No per-trainee assessment, reporting and recording: i.e., no validation of learning outcomes

Goals of a Safety Induction Training Program

Sensitize them,
driving behaviour
change

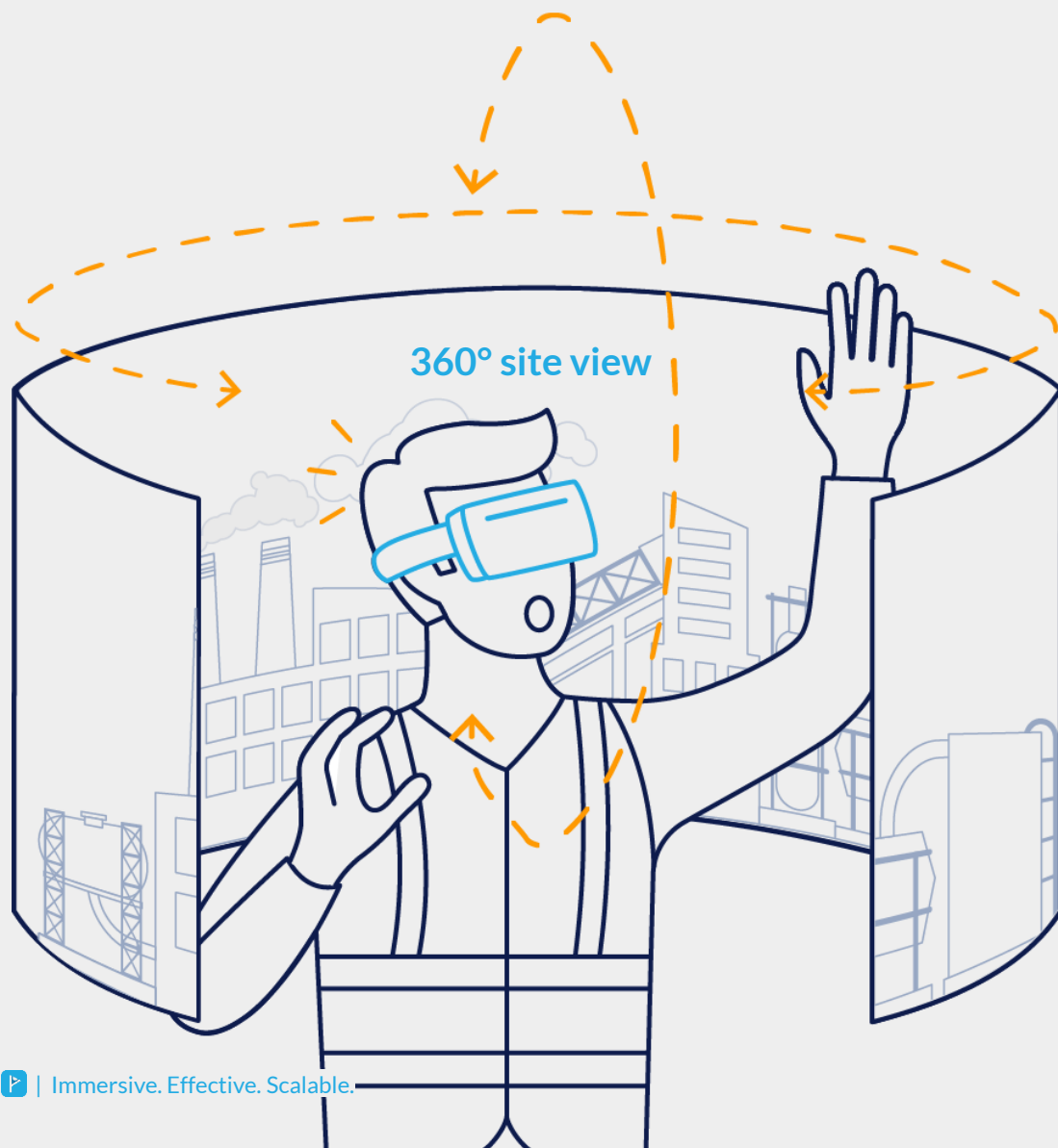
Validate learning
through assessments

Reports for tracking
use and monitoring
effectiveness

Reduce liability by
reducing accidents
and work stoppages



Building a Culture of Safety: VR for Driving Behaviour Change



- **Distraction-free, immersive 360° VR videos:** Provides life-like experience of industrial facilities, unlike conventional videos
- **Engaging content design:** Bridges literacy and fluency barriers, enabling comprehension.
- **Experience the hazard:** Users experience the feeling of height, depth and hazards (e.g., vertigo, perspective, etc.) in 1st person
- **Establish the Why:** Sensitize users to key safety risks and explain WHY safety procedures are structured the way they are
- **Illustrate the How:** Walk the users through the correct SOPs

The ProVR[®] Learn-from-Incident Approach

Each 360° VR video module (~5 min) is structured into three parts, followed by an assessment:

1. Hazard re-construction

'This can happen to me!'

Each video module starts with a **1st person 'accident'**, which the learner experiences in the first person when wearing the headset

This approach **grabs the learner's attention** and drives a sense of 'this can happen to me!'



2. Incident re-creation

'What went wrong?'

In the second part, the video walks the learner through the **series of incorrect decisions and actions that led to the incident s/he experienced**

This establishes the **need and relevance of the correct SOPs and procedures**



3. The correct protocols

'What I should have done?'

The video ends with a discussion / demonstration of the **correct procedures that would have prevented the accident** in the first place

This drives home the **importance of following the SOPs and using the correct PPE** to prevent the incident



Topics in the ProVR Safety Sensitization and Training Library

S.No	Video #	Video	Topic #	Topic
1	1	Working at height	1.1	Importance of using a safety harness
2		Working at height	1.2	Housekeeping at heights
3		Working at height	1.3	Working on a scaffolding
4	2	Material Handling	2.1	Manual lifting
5		Material Handling	2.2	Forklift and BOPT Operations
6		Material Handling	2.3	Overhead Crane Operations
7		Material Handling	2.4	Mobile crane Safety
8	3	Electrical safety	3.1	General electrical safety
9		Electrical safety	3.2	LOTO protocols
10		Electrical safety	3.3	Electrical LOTO advanced
11	4	Machine tool safety	4.1	General machine safety
12		Machine tool safety	4.2	Grinding hand tool safety
13	5	Welding and cutting	5.1	Electric arc welding
14		Welding and cutting	5.2	Gas cutting & welding
15	6	Fire Safety	6.1	General fire safety and fire prevention
16	7	General safety	7.1	Good housekeeping (5S)
17		General safety	7.3	Personal Protective Equipment (PPE)
18		General safety	7.4	Life Saving Rules
19		General safety	7.5	First aid - 1
20		General safety	7.6	First aid - 2
21	8	Excavation Safety	8.1	Excavation Safety
22	9	Confined space	9.1	Horizontal entry confined space
23		Confined space	9.2	Vertical entry confined space
24	12	Driving Safety	12.1	General Driving Safety

Available in Multiple Languages

हिंदी

Hindi

English

English

ગુજરાતી

Gujarati

తెలుగు

Telugu

தமிழ்

Tamil

मराठी

Marathi

മലയാളം

Malayalam

عربي

Arabic

And more under development...

The ProVR[®] System: A Trainer-led, Tech-enabled Integrated Solution



Overview

Blended learning model with:

- Trainer-led presentation
- Immersive virtual reality (VR) safety sensitization for personal safety and basic safety SOPs
- Simple card games
- Structured classroom discussion
- Integrated assessment

The ProVR Induction Training workflow

- Trainees assemble and sign-in
- Instructors go through the presentation
- Instructor starts a 'workshop'
 - Trainees undergo VR-safety sensitization
 - Group discussion session based on safety playing cards game
 - Instructor presents company specific information
- Interactive assessments and Certification
- End of session



Key Outcomes

- **Higher individual engagement, participation and recall**
- **Integrated per-trainee scoring, reporting and record-keeping which enables tracking and data analysis**
- **Optional: Generating a certificate incentivizes workers engagement and participation**

ProVR[®] has been granted a patent for its innovative training approach and method

The ProVR system has been granted a **patent** by the Indian Patent Office for **System and method for providing industrial safety training to users**, our immersive training platform for industrial sites.

This protects the architecture we've built over the years: VR-based safety modules, integrated assessments, reporting, and hardware-software workflows designed for large, distributed workforces in energy, infrastructure and engineering.



What this patent recognises

It formally recognises ProVR as an end-to-end system that:

- Integrates VR content, assessment, analytics and hardware into a single, coherent training workflow.
- Is engineered for real industrial environments with constraints on bandwidth, connectivity and supervision.
- Enables repeatable, measurable training across sites, contractors and languages.

What makes ProVR unique

- Built specifically for blue- and grey-collar workforces in complex, high-risk operations.
- Focused on standardised, measurable outcomes rather than one-off “VR experiences”.
- Proven in deployment at scale, across multiple locations and industrial sectors.

ProVR[®] Ready-to-Deploy Kit





The ProVR Solution includes

VR Content

Story-based, 360° VR videos with VFX, multilingual content

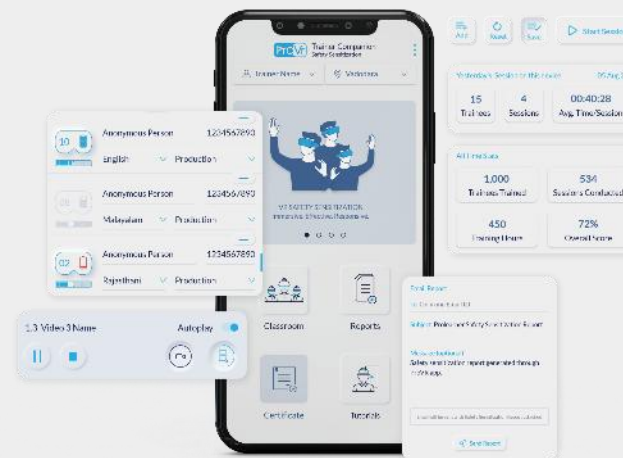


Multi-headset trainer control using local WiFi

Local WiFi based (no internet access required for session)
remote control solution for controlling multiple devices

VR Headset and Software

Custom application enables remote control and eliminates need for user on-boarding



Classroom / Playlist Management Software

Smartphone app allows trainer to setup and control all headsets remotely without trainee input



Report, Assess and Validate

Validate learning outcomes and track training delivery

VR Headset-based Assessment

Short, 30 sec assessments to validate learning outcomes



Detailed Training Reports

Classroom mode allows trainers to collect per-headset scores and export data for reporting and analysis

TrainerName	Location	Date	Time	SessionSpan	NoOfTrainee	TraineeName	TraineeEId	Department	Language	Module	VideoName	Score
Aniket D	Ch midc	25-03-25	15:53:30	0:10:38	3	Neel	2	hse s	Hindi	2. Material handling	2.4 Mobile Crane Material Handling Safety V2	3
Aniket D	Ch midc	25-03-25	15:53:30	0:10:38	3	Gaurav	1	hse s	Hindi	2. Machine handling	2.4 Grind Crane Material Handling Safety V2	3
Aniket D	Ch midc	25-03-25	15:53:30	0:10:38	3	Gaurav	1	hse s	Hindi	4. Machine safety	4.2 Grinding Hand tool safety V2	3
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Demo B	2	hse s	Hindi	1. Working at heights	1.1 Importance of safety harness V3	1
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Demo B	3	hse s	Hindi	2. Material handling	2.1 Manual Lifting V2	1
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Demo A	3	hse s	Hindi	2. Material handling	2.2 Forklift Natural Handling Safety V2	1
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Demo A	2	hse s	Hindi	1. Working at heights	1.1 Importance of safety harness V3	1
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Demo A	2	hse s	Hindi	2. Material handling	2.1 Manual Lifting V2	0
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Demo A	2	hse s	Hindi	2. Material handling	2.2 Forklift Natural Handling Safety V2	0
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Aniket Ji	1	hse s	Hindi	1. Working at heights	1.1 Importance of safety harness V3	0
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Aniket Ji	1	hse s	Hindi	2. Material handling	2.1 Manual Lifting V2	0
Aniket D	Ch midc	12-04-25	13:04:00	0:01:49	3	Aniket Ji	1	hse s	Hindi	2. Material handling	2.2 Forklift Natural Handling Safety V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Soma	98	hse s	Hindi	3.1 General electrical Safety V2	3.1 General electrical Safety V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Soma	98	hse s	Hindi	3. Electrical safety	3.2 LOTO V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Soma	98	hse s	Hindi	7. General safety	7.1 Good housekeeping (SS) V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Yogesh	2323	hse s	Hindi	3. Electrical safety	3.1 General electrical Safety V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Yogesh	2323	hse s	Hindi	3. Electrical safety	3.2 LOTO V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Yogesh	2323	hse s	Hindi	7. General safety	7.1 Good housekeeping (SS) V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Omkar	1234	hse s	Hindi	3. Electrical safety	3.1 General electrical Safety V2	0
Aniket D	Ch midc	12-04-25	13:16:00	0:01:14	3	Omkar	1234	hse s	Hindi	3. Electrical safety	3.2 LOTO V2	0
Aniket D	Ch midc	12-04-25	14:16:00	0:01:14	3	Omkar	1234	hse s	Hindi	7. General safety	7.1 Good housekeeping (SS) V2	0
Aniket Devatalu	Chinchwad	12-04-25	14:42:00	0:00:48	1	Maruti Shinde	S4644	Plant 12	Hindi	1. Working at heights	1.2 House keeping at height V2	1
Aniket Devatalu	Chinchwad	12-04-25	14:42:00	0:00:48	1	Maruti Shinde	S4644	Plant 12	Hindi	2. Material handling	2.3 Overhead Crane Material Handling Safety V2	1
Aniket Devatalu	Chinchwad	12-04-25	14:42:00	0:00:48	1	Maruti Shinde	S4644	Plant 12	Hindi	2. Material handling	2.4 Mobile Crane Material Handling Safety V2	1
Aniket Devatalu	Chinchwad	12-04-25	14:42:00	0:00:48	1	Maruti Shinde	S4644	Plant 12	Hindi	6. Fire safety	6.1 General fire Safety and Prevention V2	0
Aniket Devatalu	Chinchwad	12-04-25	14:42:00	0:00:48	1	Maruti Shinde	S4644	Plant 12	Hindi	5. Welding and cutting	5.1 Electric arc welding V2	0
Aniket Devatalu	Chinchwad	12-04-25	14:42:00	0:00:48	1	Maruti Shinde	S4644	Plant 12	Hindi	5. Welding and cutting	5.2 Gas cutting and welding V2	0
Aniket Devatalu	Chinchwad	12-04-25	14:42:00	0:00:48	1	Maruti Shinde	S4644	Plant 12	Hindi	4. Machine safety	4.2 Grinding Hand tool safety V2	0



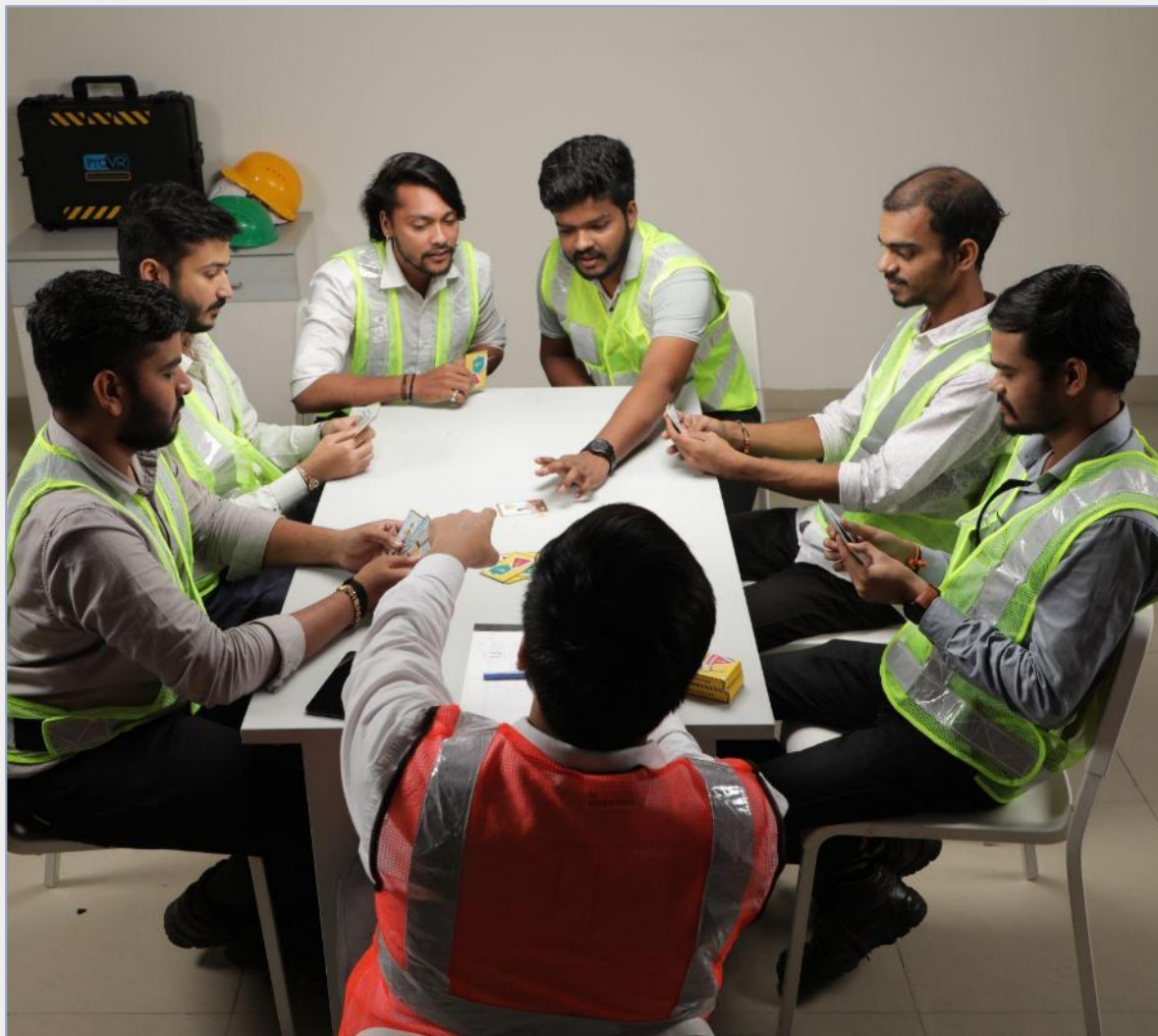
Trainer Companion Android App

Smartphone app that where trainer collects, records and report scores



Drive Change

Build a culture of safety and reduce liability



Hazard and Safety Card Game

Matching game pairing hazards with safe/unsafe conditions to encourage safety practice discussions.



Safety Card Game - Fire Edition

Matching game pairing fire hazards with safe/unsafe conditions to encourage fire safety practice discussions.



Link or Lose Fire Safety Game

Grid-based card game linking fire types, symbols, and extinguishers to improve recall.

How does the ProVR[®] system work? (~1 hour)

Trainer companion app

1. Create classroom
2. Select modules
3. Assessment score
4. Email report



1. Create Classroom: ~10 min

Trainer registers upto 20-30 trainees and selects relevant videos for batch training.



2. Conduct ProVR Session: ~35 min

Trainer plays modules, followed by interactive, inbuilt assessment.

Height safety and general safety (~35 mins)

1. Height work (3 videos)
2. General safety (2 videos)
3. Manual lifting (1 video)



4. End Session: ~5 min

Use the card game to have a discussion on hazards, risks and safe practices.



3. Classroom Discussion: ~15 min

Use the card game to have a discussion on hazards, risks and safe practices.

Hot work safety (~35 mins)

1. Welding and cutting (2 videos)
2. Fire safety (1 video)
3. General safety (1 video)
4. Housekeeping (1 video)

VR training session	Time slots	Battery life / VR session = ~120 mins*
1	09:30 - 10:30	40 min training time
2	10:30 - 11:30	40 min training time
3	11:30 - 12:30	40 min training time
Lunch Charge VR headsets	12:30 - 01:30	Charge VR headsets
4	01:30 - 02:30	40 min training time
5	02:30 - 03:30	40 min training time
6	03:30 - 04:30	40 min training time
7	04:30 - 05:30	40 min training time
		Charge VR headsets to 100%

*We recommend charging the VR headsets after one or two sessions for 10-15 mins as required, and for a complete hour during the lunch break. ~20 mins of charging typically adds 30-40 mins of use time

No. of VR headsets / session	Duration of 1 ProVR session	No. of session slots / day*	No. of learners trained / day
10	~35 mins (~5-6 videos)	7	70 (10 VR headsets x 7 sessions)

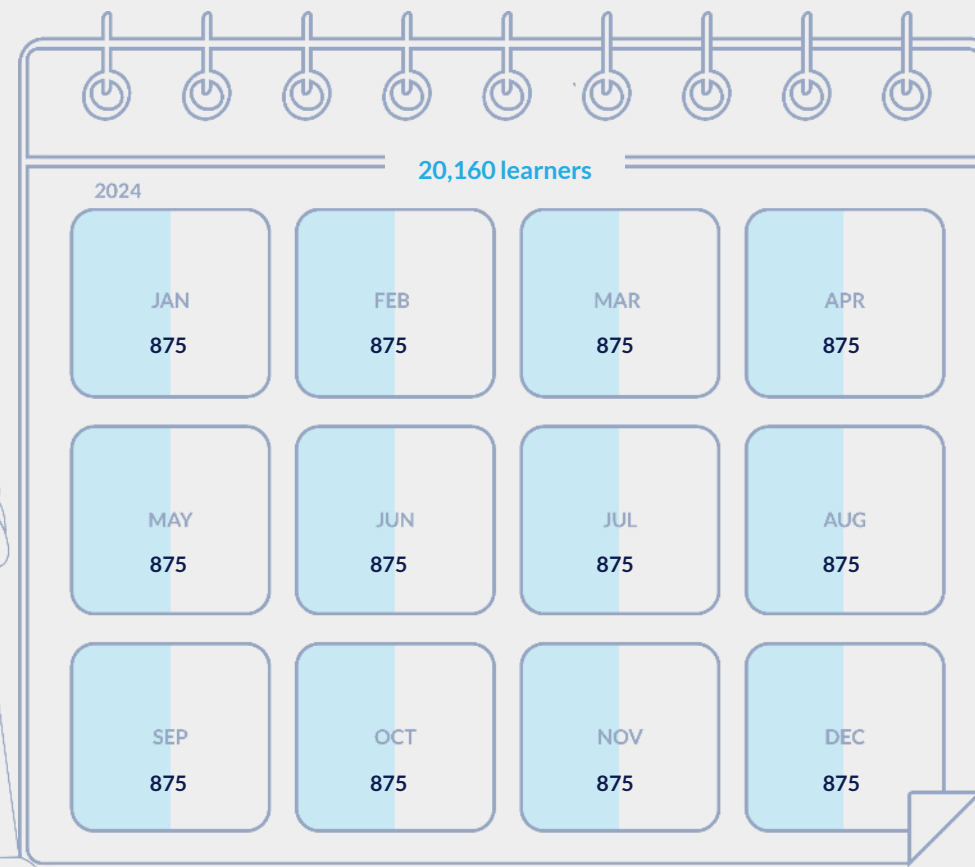
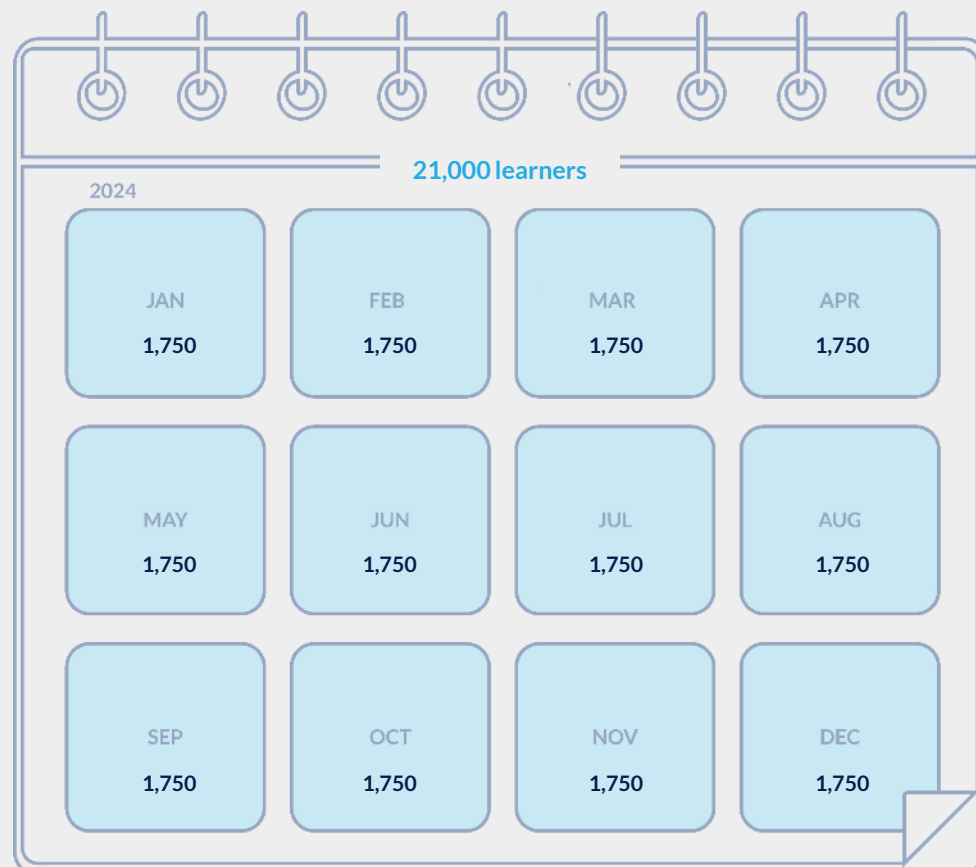
*An 8-hour working day; considering that ProVR will be used as part of a ~1 hour induction session

ProVR[®] Typical monthly training session schedule

100% utilization	Parameters	50% utilization
1,750 learners (70 learners / day x 25 training days a month)	Learners trained / month	840 learners (70 learners / day x 12 training days a month)



100% utilization	Parameters	50% utilization
21,000 learners (1,750 learners / month x 12 months)	Learners trained / year	10,080 learners (840 learners / month x 12 months)
2 years	Min. VR device longevity* *3-4 years, depending on battery	2 years
42,000 learners (21,000 learners / year x 2 years)	Total learners trained in 2 years	20,160 learners (10,080 learners / year x 2 years)



Integrated Reporting:

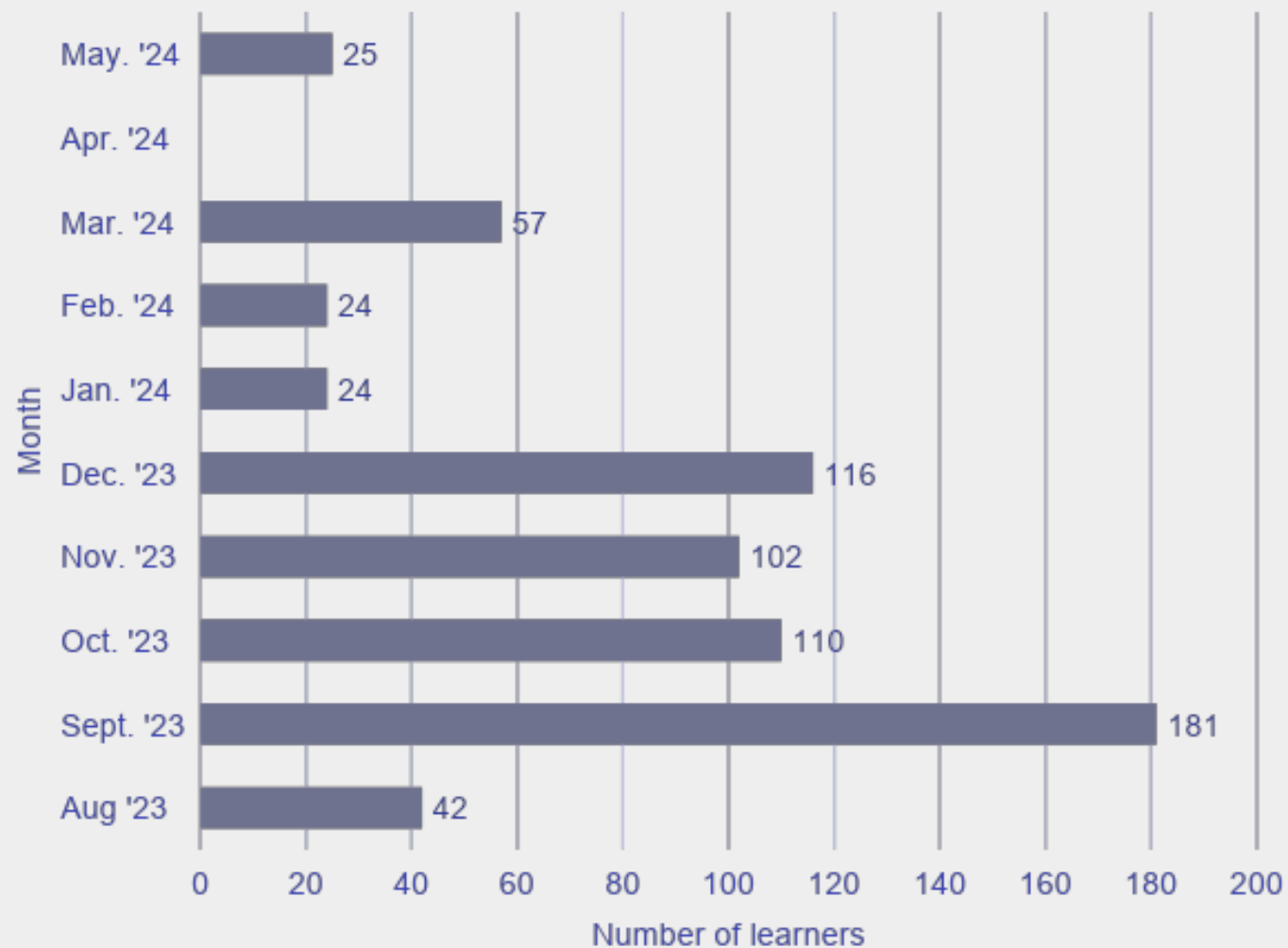
Illustrative data from Industrial sector Blue-Chip client

Key highlights

- No. of unique learners: 1000+ to date (Updated August '24)
- Avg. no. of videos / learner: 14
- Avg. session duration / learner: ~1 hour
- Total ProVR training time : ~1000 hours (Updated August '24)

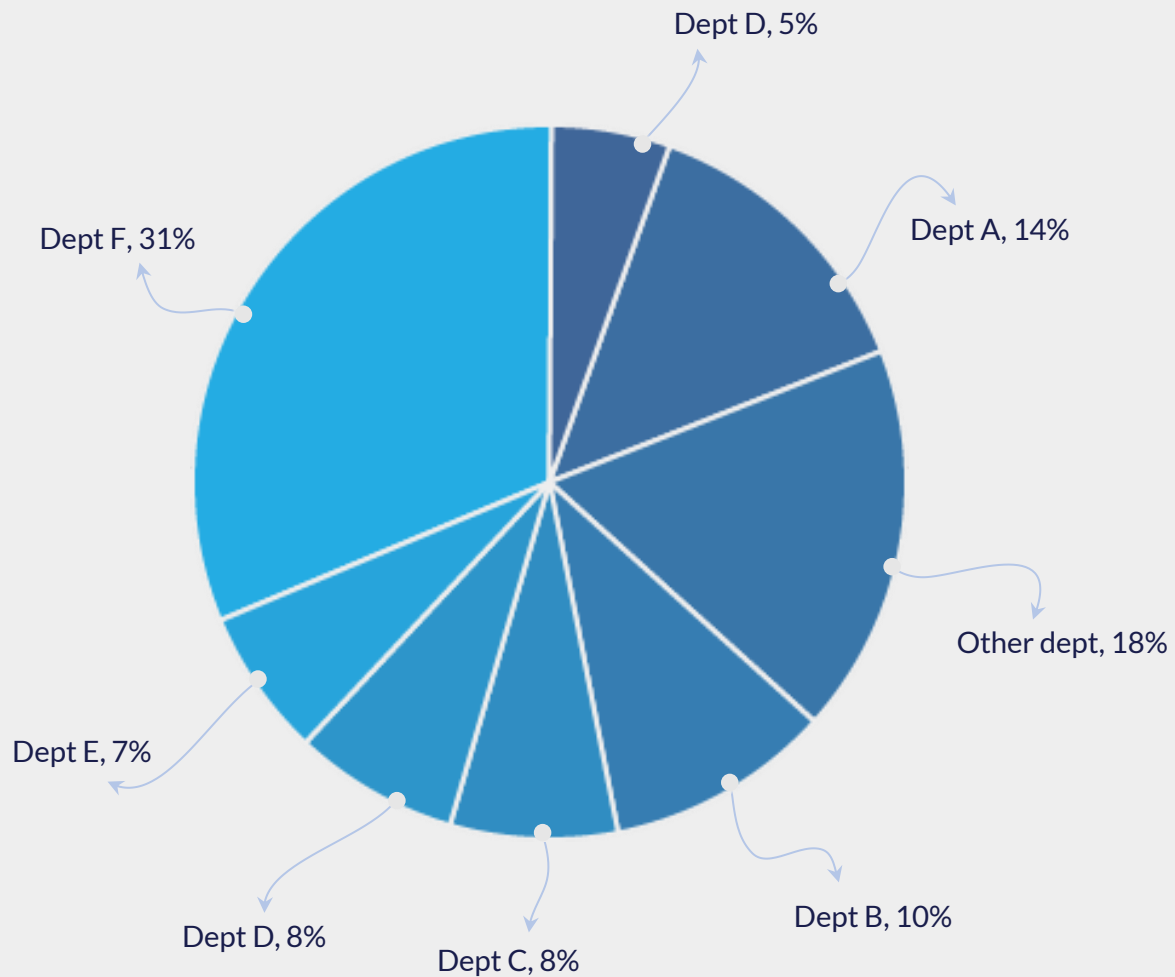
Number of devices deployed

- 9 VR headsets + content (Hindi and English)

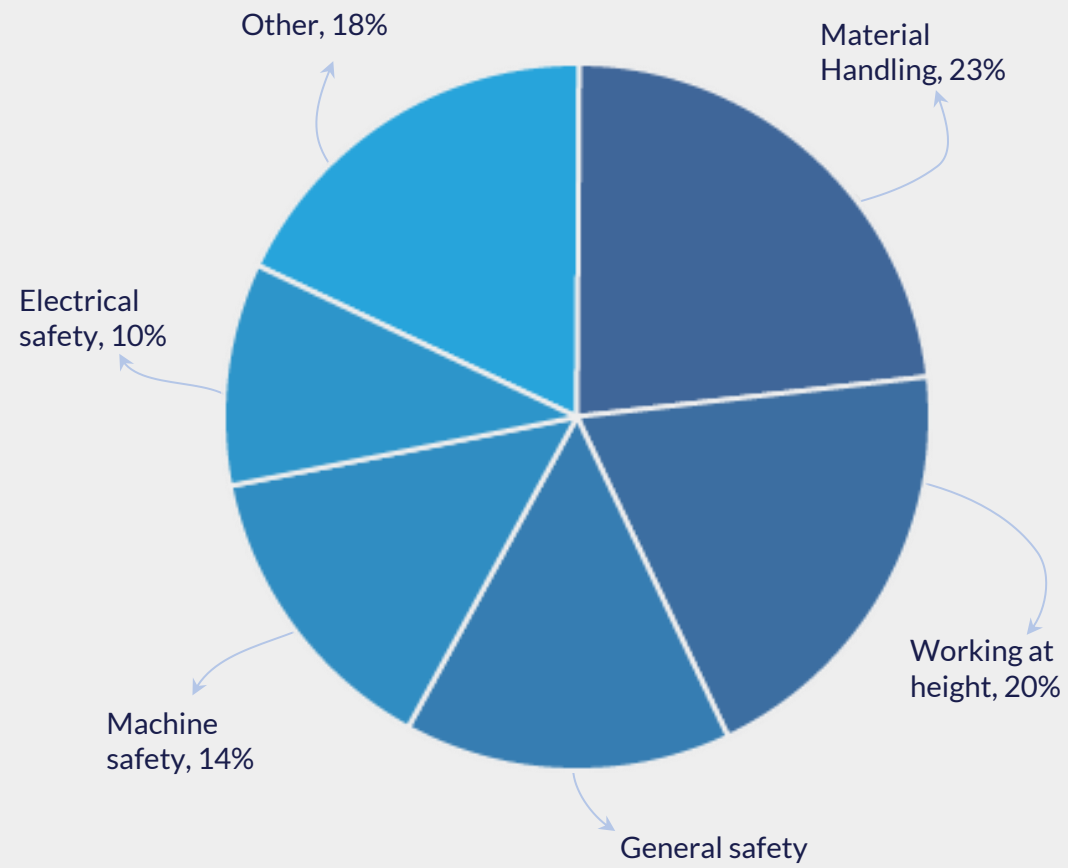


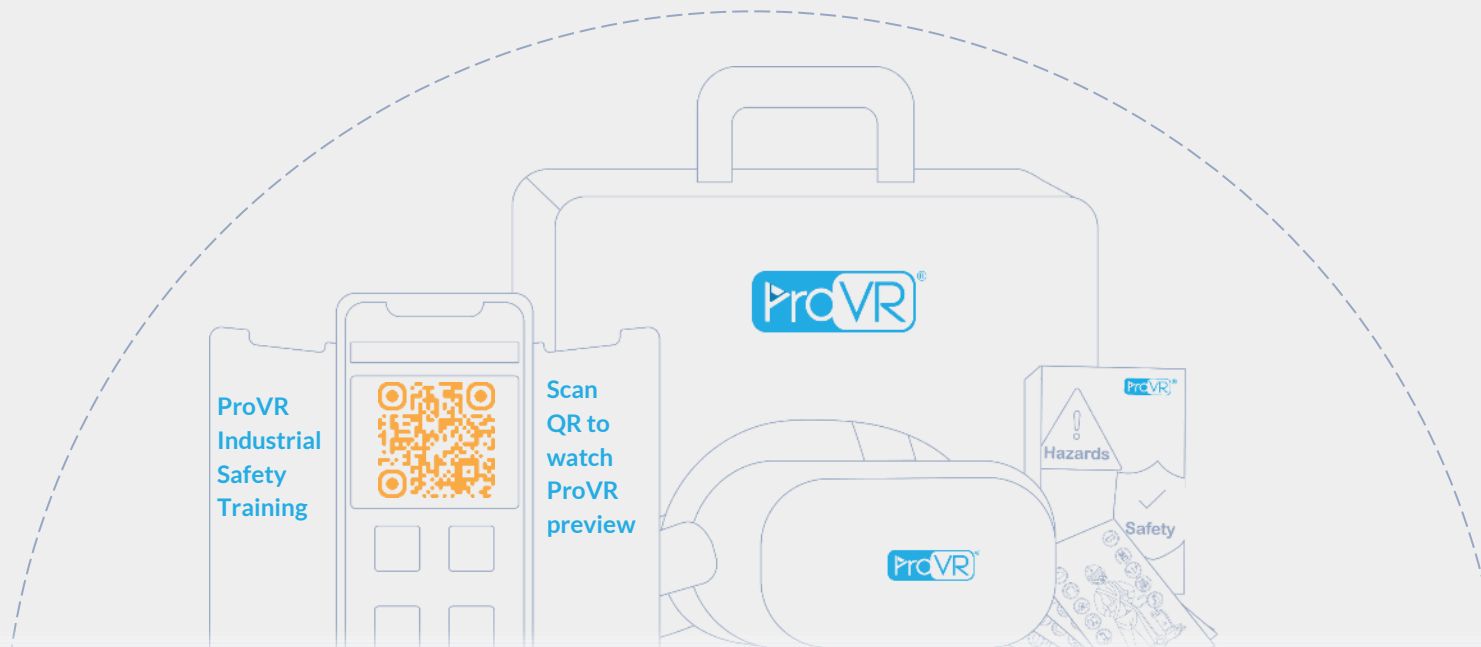
Integrated reporting: Illustrative insights

Dept. wise distribution of learners



Frequency Distribution of Modules





To digitally transform your training,
Book a ProVR® Demo!

Essential and application for safety induction
 and safety training across industries and sites

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