

O P E R A T O R



PART ONE

A quick background to xReality Group

The OP-1 Virtual Reality System

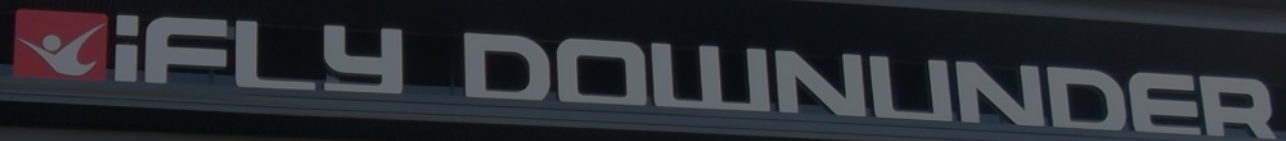
Virtual Reality Tactical Trainer

Mission Rehearsal System

PART TWO

Hands on demonstrations




The iFLY logo is positioned on the upper part of the building's facade. It consists of a red square containing a white silhouette of a person in a skydiving pose, followed by the word "iFLY" in a bold, white, sans-serif font.The iFLY DOWNUNDER logo is located on the glass frontage of the building. It features the same red square with a white skydiver icon as the iFLY logo, followed by the words "iFLY DOWNUNDER" in a white, sans-serif font.A blue banner is hanging from the building's entrance. It features the iFLY logo at the top, followed by the text "iFLY INDOOR SKYDIVING" in small white letters. Below this, a red rectangular box contains the words "OPEN NOW" in white. Underneath the red box, the text "visitors welcome" and the website "iflydownunder.com.au" are written in white.

XRG FIRST STARTED WITH
PHYSICAL SIMULATION,
BUILDING AUSTRALIA'S
FIRST INDOOR SKYDIVING
SIMULATORS.

WE HAVE BEEN TRAINING
AUSTRALIAN DEFENCE FOR
OVER 7 YEARS.

 **iFLY**
INDOOR SKYDIVING

 **XR**
XREALITY GROUP LIMITED



F R E A K

THEN CAME DIGITAL
SIMULATION + FREAK

CIVILIAN FOCUSED
MULTIPLAYER FREE ROAM
VIRTUAL REALITY



AFTER SEEING HOW
IMMERSIVE FREE ROAM VR
IS, WE REALISED THERE
COULD BE MANY DEFENCE
APPLICATIONS.

WE ARE



SO, WE BOUGHT A LEADING
VIRTUAL REALITY
PRODUCTION STUDIO AND
BEGAN OUR DEFENCE
FOCUSED SIMULATION
JOURNEY.

AUSTRALIA'S LEADING EXPERTS IN VR, AR (XR),
LOCATION-BASED ENTERTAINMENT AND PREMIUM
ANIMATED CONTENT FOR GAMES, VENUES AND
ENTERPRISE

ABOUT US

OUR WORK

TRAINING

Close Quarters Battle training is a resource intensive and highly dangerous process. The individual and team skills need to be drilled often in order to maintain proficiency.

TRAINING CHALLENGE

Specialist facilities are required due to the nature of the training. Realistic training is very difficult to achieve.

OUR SOLUTION

Embrace Soldier Centric Design

Work with technology not against it



OPERATOR OP-1

OPERATOR OP-1

Free Room VR training system for tactical teams of 2-8 users

Fully mobile, setup in minutes

Extensive After-Action Review

V BOLT™ allows operators to train on their own equipment

2 Modes include;

- Tactical Training System
- Mission Rehearsal System



V-BOLT™

SMART BOLT



Replaces live bolt
carrier

Contains technology
to enable service
weapon integration



Replaces live
magazine

Powers the system
for 12+ hours of
training

V-MAG™
SMART MAGAZINE

OP-1 HARDWARE

V-Bolt™ Smart Bolt



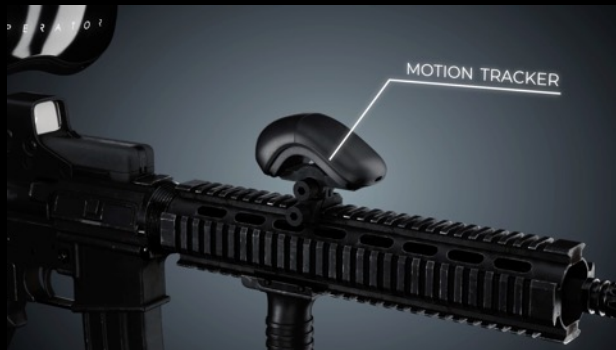
V-Mag™ Smart Magazine



VR Headset



Weapons tracking



Instructor tablet



Transport case



OP-1 VIRTUAL REALITY TACTICAL TRAINER

Train CQB drills in any location, safely on your own live weapons

Teams train in the same physical and virtual space

Opposed mode allows near peer combat training

Fully mobile, setup in minutes

9x Pre configured floor plans

Scenarios continually being added

9 FLOOR PLANS
COVERING A RANGE
OF SCENARIOS



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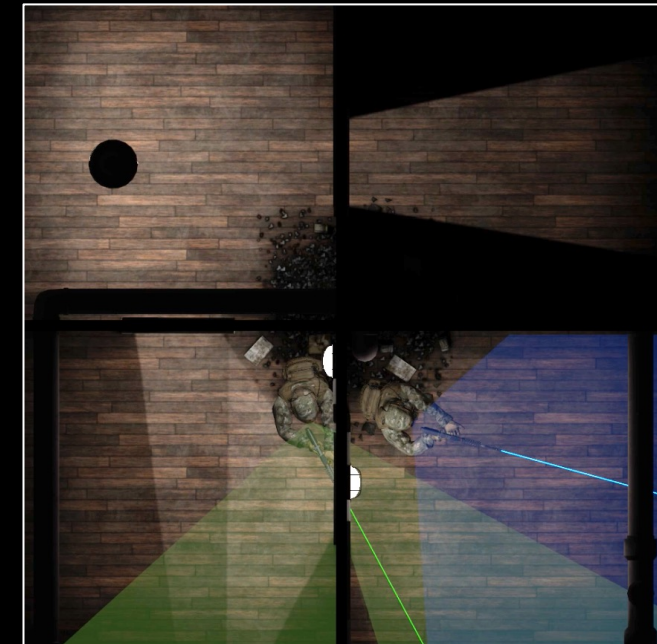
AFTER ACTION REVIEW



AFTER ACTION REVIEW



Debrief drills and tactics from any point of view: top down, friendly unfriendly, or any third person view on the Instructor Tablet



Analyse participants field of view, weapon angles and eye movement.

MISSION REHEARSAL SYSTEM ROADMAP (IN DEVELOPMENT)

Plan live operations in Virtual Reality

Soldier generated 3D maps for
building internals

Transform CAD models and
blueprints into Virtual Reality scenes

Compliments major terrain engines

Integration of INT sources including
GEOINT, SIGINT, OSINT



IN SUMMARY

Compliments existing training and planning systems


Soldiers to train more often, without physical facilities

Train the right way on your own weapons

Plan and rehearse live ops in a more realistic method

The vision is to see one in every soldiers locker





O P E R A T O R

PART 2: Hands on demonstrations