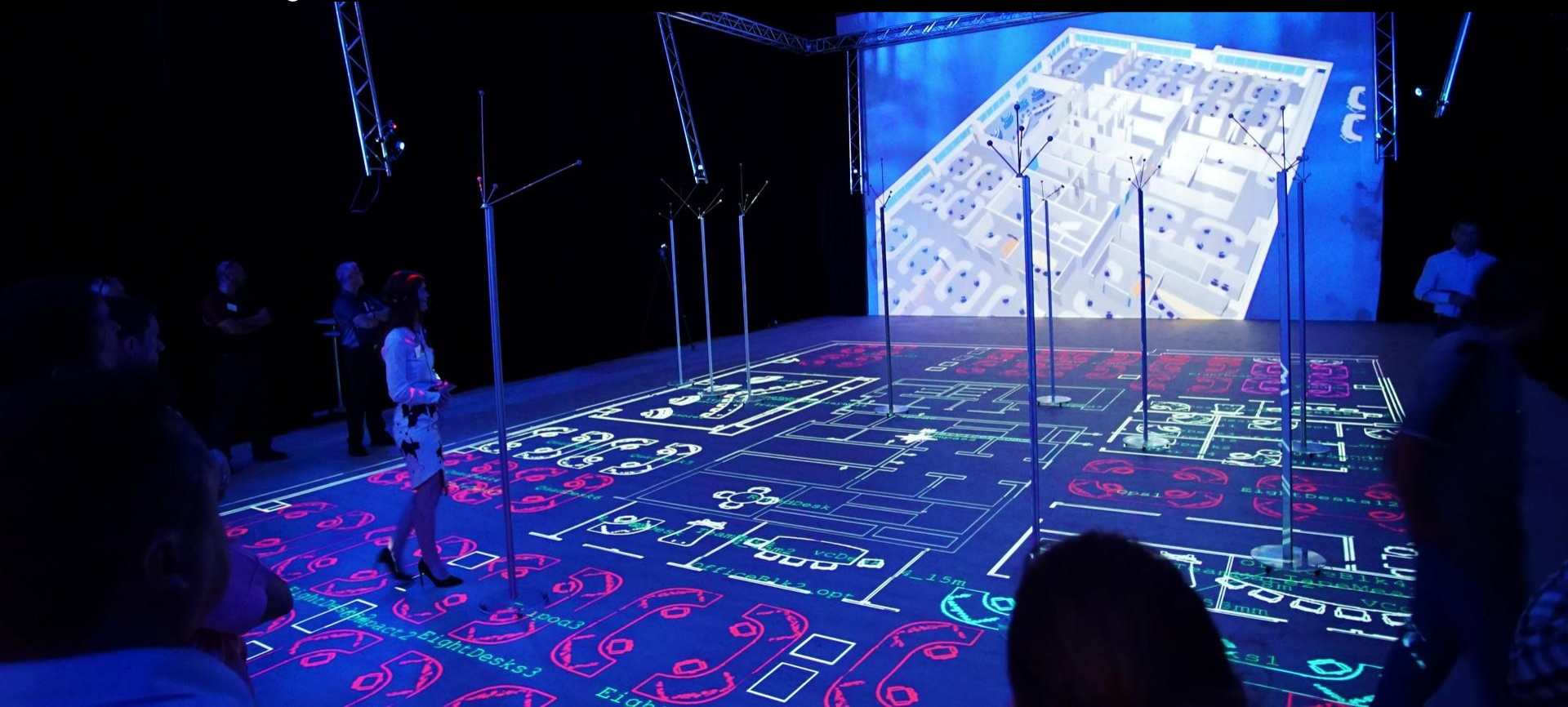




www.cadwalk.global

The future in visual decision making for Industry 4.0

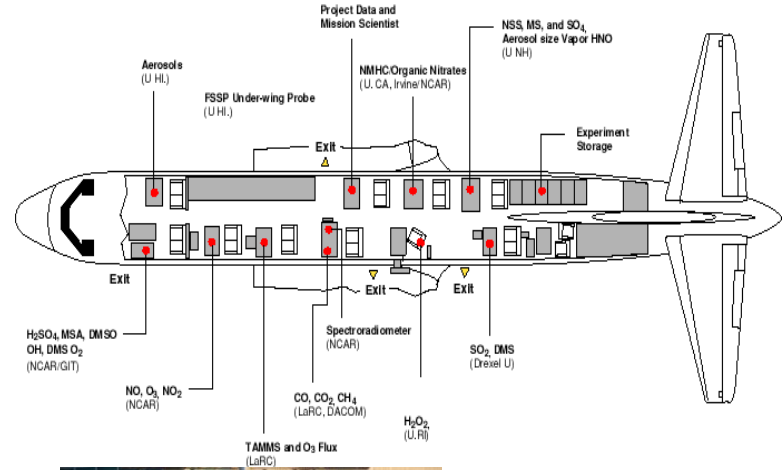


“

Spatial Design

The emphasis of spatial design is on how people interact with a space to deliver maximum value

It is a relatively new conceptual design discipline that crosses the boundaries of traditional design specialisms such as, interior design, service design, workflow and engineering



”

Spatial Design - 1948



<https://www.youtube.com/watch?v=u00S-hCnmFY&t=122s>

Spatial Design 2019



<https://youtu.be/pkSlwpmU4HE?t=19>

Unlike virtual reality, which creates a totally artificial environment, augmented reality uses the existing natural environment and overlays new digital information on top of it in real time.

”



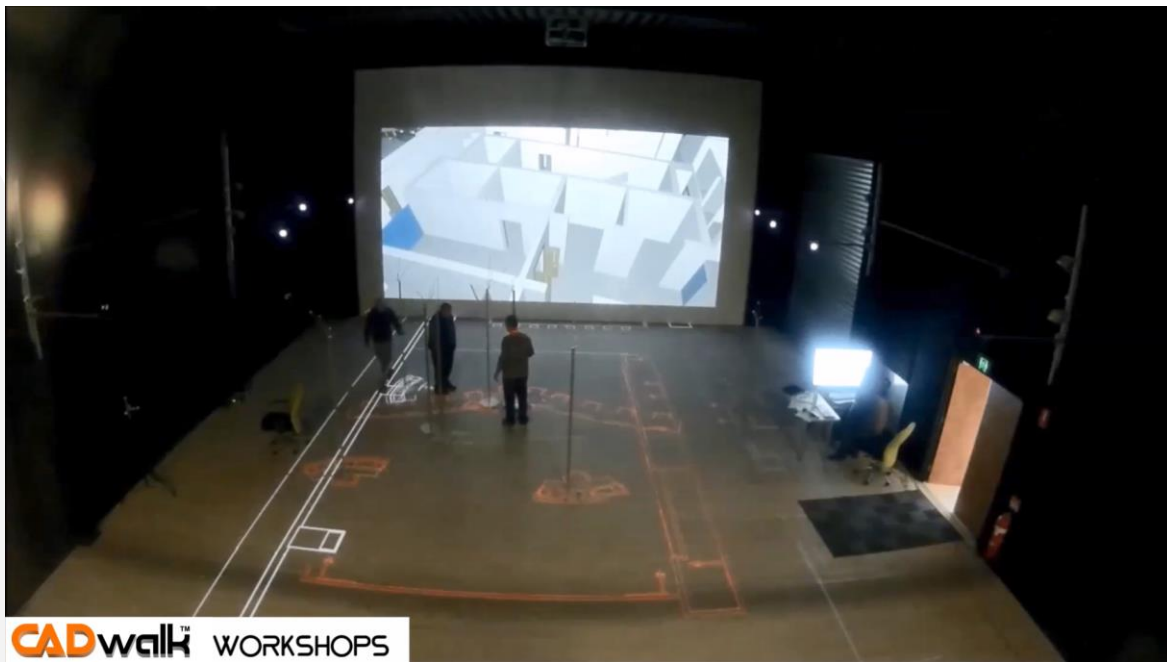
“



CADwalk is a patented, life-size augmented reality process used for the design of high-value spaces, proven to achieve a perfect final design 80% faster and at 50% of the cost compared with traditional design methods.

”

Workshop Video



CADwalk™ WORKSHOPS

<https://www.dropbox.com/s/vjmrjma19mt287p/CADwalk%20Workshop%20Video.mp4?dl=0>

Who is using CADwalk?

Current

Australia



SOUTH EAST AUSTRALIA



New Zealand



Christchurch
Justice &
Emergency
Services
Precinct

Europe



European Space Agency



POLIZEI
Nordrhein-Westfalen

SALTANDPEPPER

Target

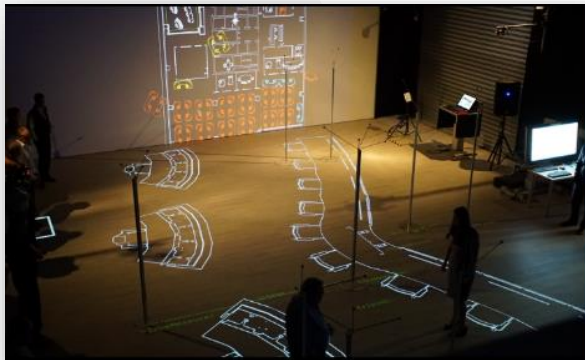


Australian Government
Department of Defence

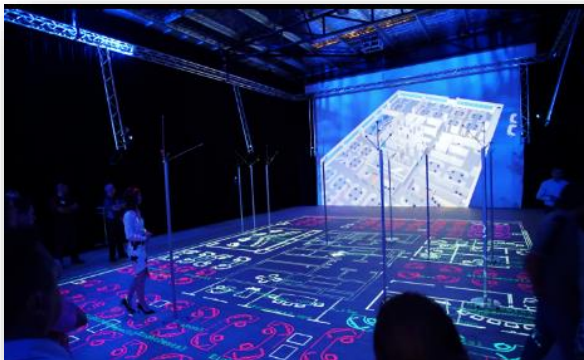


Existing Sites

(R&D) Adelaide, SA



Perth, WA



Munich, Germany



All going well - Melbourne July 2019 – Port Melbourne

Digital Transformation

“ROI estimated at \$100,000. Plus probable impact on operational safety so the ROI is not only monetary, but **avoidance of risk**”



“We saved between three and six months on the project by having the concentrated design session using CADwalk”



CWG Target Markets

Tier 0 (Entry Market)



Mission Critical **CADwalk was originally invented for this industry**

- Oil & Gas operations control centres, air traffic control towers, police dispatch centres
- Client list includes Chevron, INPEX, Air Services Australia, NZ Emergency Services Precinct
- Validated and used by CRS
- Great lead into other building and construction projects

Building Construction



Tier 1

MULTIPLEX
Built to outperform.

Retail / Distribution



Manufacturing



Mercedes-Benz

Other Markets

Tier 2

Defence



Transport



Health



Tier 3

Home & Garden



Entertainment



Urban Planning



Analysis of Time Saving – Traditional Approach



Analysis of Time Saving – CADwalk Approach



CADwalk XR R&D / Roadmap

IMCRC Project funding for the next three years. Huge potential for product evolution with industry needs.
Currently CADwalk is working on commoditising CW Technology



2015

2018

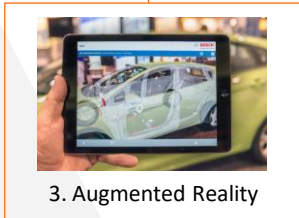
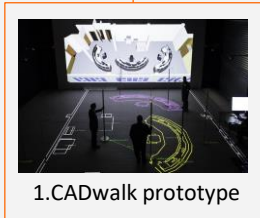
2019

2019

2019

2020

2021



CARE 4.0



Cluster for Advanced Remote - Operations Environments Industry 4.0

Industry driven innovation hub for digital transformation

Focus on Remote Operation and Support

Next Gen Operation Centres



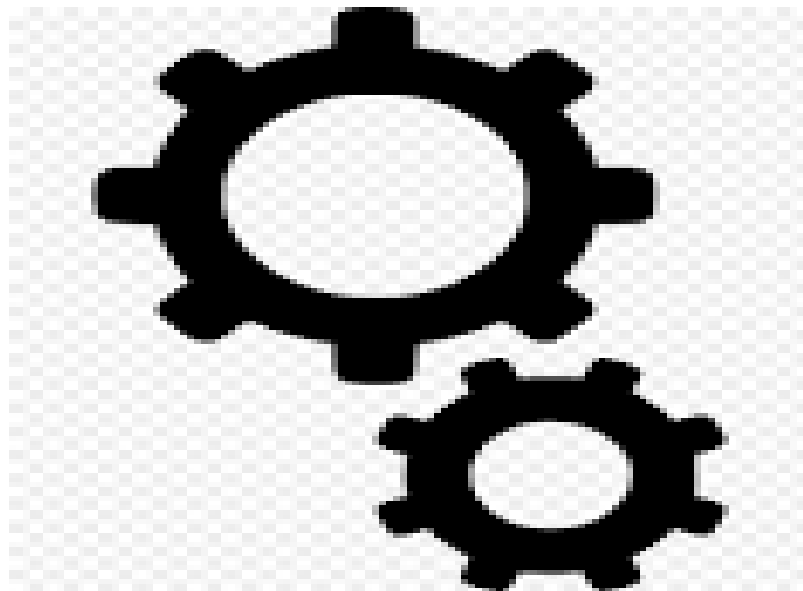
- ▶ Digital Twinning
- ▶ Industry 4.0 Technologies
- ▶ Remote Operation Centres

Next Gen Technologies



- ▶ Visual Decision Making
- ▶ Augmented / Mixed / Virtual Reality
- ▶ Remote support technologies

Not always in sync



What did we learn

Ad Commercial level of Project Management

Weekly meetings

Joint Brainstorming Session

Reduce of Admin

Shorter project burst

Fail Faster

What would we have known before e we signed up

Clearly Identified share of **IP Ownership**

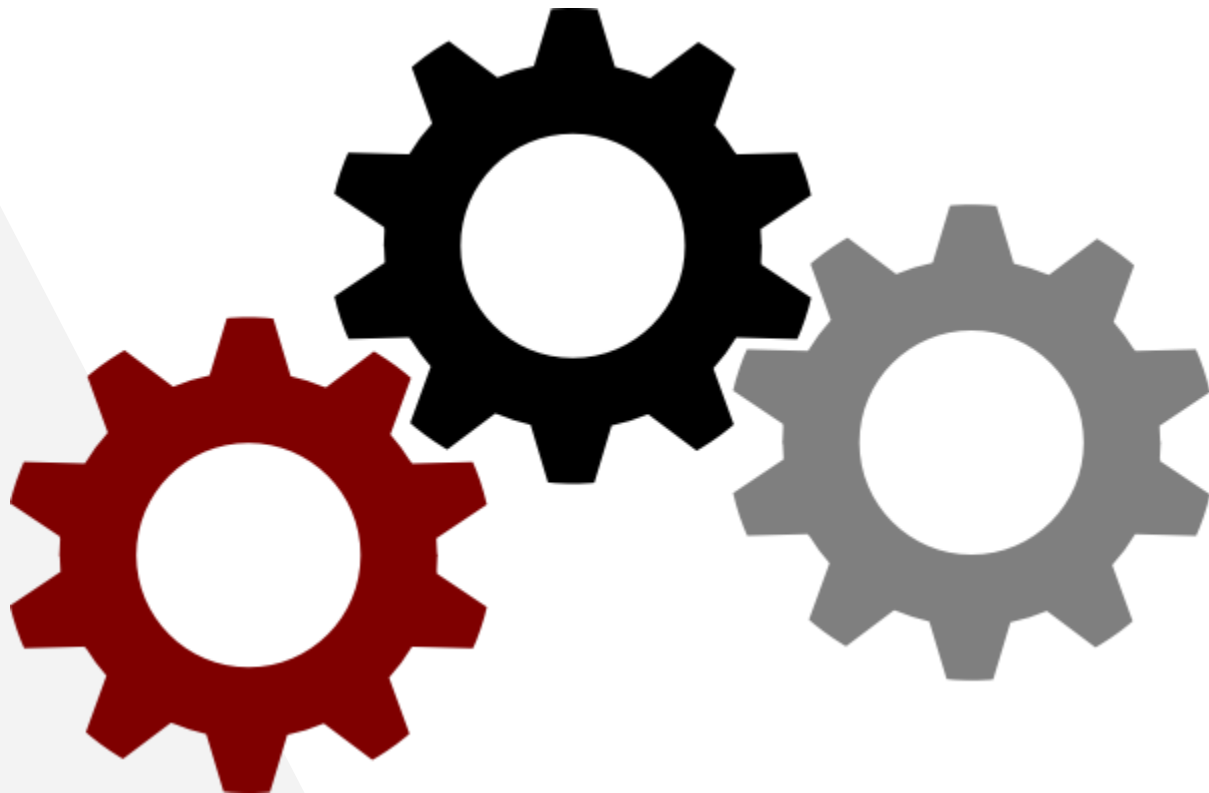
Yes we own the IP but.....

never heard about utilisation rights
before we read the fine print....

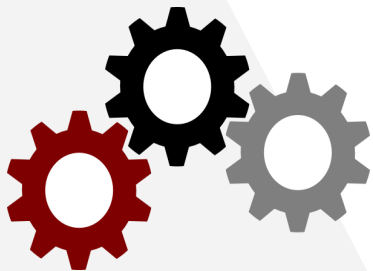
conflict of interest

as the same team could potentially for
for our competitors.

Accelerate Transformation



Accelerate Transformation in Australia



Funding of a external Resource to convert research concepts into Commercial usable outcomes

Industry Growth Centre should work closer together

Better Assistance to get to the big end of town

Thank you

Gerhard Kimenkowski

Founder/ CEO

Chief Excitement Officer

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Lets Talk...

