HJEMMEVÆRNET

Smart Tech Testing with Limited Resources

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The Danish Homeguard School

- 75 employees (10 in study/developing section)

- 43.000 voulenteers (18 – 85 years of age)

- 200 coursers each year

UNCLASSIFIED
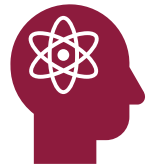
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Agenda

- Handling technical challenges?
- What do we do?
- What are the benefits of what we do?
- What are the challenges of what we do?
- Conclusion (so far)
- The future?
- What do you think, and what do you do?

Challenges

Small organization

Great at getting ideas, but
lack of experience, expert
knowledge and empirical data

Limited resources (Finances and Time)

What do we do about it?

Regarding to technological challenges, we have started a military civilian collaboration with the following:

→ Real life project

SDU → Gamification, VR, AR and learning technology

AARHUS UNIVERSITY → Master, IT Didactic Design

GAIM → VR shooting

Benefits?

Expert knowledge from people who are up to date

Inclusion of 21st Century (Military) Skills

Saving time and money

Minimizing risks

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Benefits?

Getting empirical data for use in our further analysis

Branding the Home Guard School as a modern and innovative educational institution.

Gaining experience and products that can be adapted to our organization or discontinued with acceptable financial loss
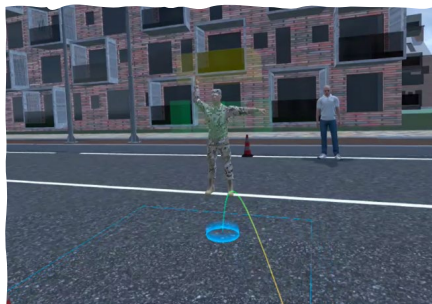
E.g.

In-House development VR – Traffic Control

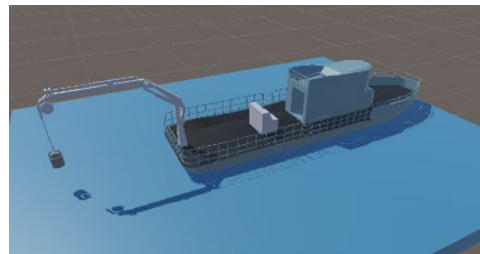Price: 22.000€

Time: 3 month (+)

Results: Undecided (−)

Collaboration with SDU VR - Crane

Price: 0€

Time: 3 days

Results: Closed

Collaboration with IBA Chatbot – "Verner"

Price: 0€

Time: 3 days

Results: In process

Challenges?

Cultural differences between civilian and military practices

Long and often difficult decision-making paths in the Armed Forces

Ownership of products

Challenges?

Classifications

Continuation of projects, including maintenance

Conclusion

Even with limited resources it is possible to test and implement new technologies – if we collaborate smartly

By working with civilian experts, we bring in updated knowledge, save time and money, and improve our training

Yes there are challenges – but the benefits are clear:
- Better learning
- Cheaper to shot down projects
- More innovation
- A stronger an future-ready Home Guard School

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What about the future?

We will keep working with civilian partners – when it makes sense – bringing in the best ideas and tools

Our focus remains clear:
- Technology that adds value, supports learning, and benefits as many soldiers as possible—regardless of age or IT experience.

**Because in the end, it's not just about technology.
It's about making better soldiers through smarter education.**

What about you?

Together in pairs discus the following:

- What do you think about our path?

- Is there anything you recognize?

- How do you mitigate in this field?

- Other things?

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Thank you for your attention?

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