



Ministry of Defence



R&D, a Dutch Approach

How The Royal Netherlands Simulation Centre applies rapid prototyping, working with interns and using Commercial Of The Shelf Technology

Ministry of Defence

Simulation Centre for Land Warfare

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FUTURE?

NOW?

PAST?





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GREAT INNOVATIONS!

BUT...

THEY TOOK SOME TIME



THEREFORE, WE TOOK A DUTCH APPROACH ON R&D

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Where to start?

We need a proces!

Sure, but a pragmatic one

Specific but flexible workforce, how?

With interns and start-ups

What about specific hard- and software?

Use COTS if available

***It's often already operationally proven by
a billion gamers!***



Research & Development





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Usecase

TRL 1

Demo

TRL 2

Demonstrator

TRL 3

Demonstrator v2

Demonstrator vX

Proof of
Principal

TRL 4

Proof of
Concept

TRL 5

Prototype testing, further
development and implementation

TRL 6/7/8 /9





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VREE

PLAY WATCH INTERACT




Proof of Concept

RCADTS experiment

February 21th 2017



A black and white photograph showing a line of soldiers in silhouette, standing in a field under a dramatic, cloudy sky. The soldiers are wearing helmets and carrying equipment, some holding rifles. They are positioned across the middle ground, creating a sense of depth and readiness.

E.R.I.C. Exposure based Rehabilitation in Immersive Context







Key Take-Aways

Use a pragmatic proces

Interns + startups = flexibility

COTS is often sufficient

Just do it!