



IFAD collaboration with CAE USA, USN and Danish Defence on the MH-60R Seahawk Simulator

DDAC, 11th February 2016
Copenhagen

Agenda



- **Introduction to IFAD TS A/S**
- **Background**
- **Collaboration with CAE USA**
- **What are we going to do?**
- **Our defence partners**
- **Benefits for Danish defence**
- **Future perspectives for IFAD TS A/S**



A Quick Introduction to IFAD TS A/S



IFAD TS A/S:

- 100 % Danish owned privat company
- Non-profit R&D organization (1987-2004)
- Incorporated in 2004
- All development and coding takes place in our HQ

Homepage:

- www.ifad.dk

Contact:

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Product suites:

- IFACTS: FAC/AO and JFCC simulator suite
- IRAS: Radio simulation suite
- INTS: Tactical naval trainer suite
- IRAD: Radar simulator suite
- ISimGW: A simulation integration suite



Primary competences:

- Team training
- Distributed simulation
- Live, Virtual & Constructive (LVC)
- HLA, DIS
- Link16, Link11

Application know-how:

- Tactical training
- Observer training
- Radio communication
- Simulator interoperability

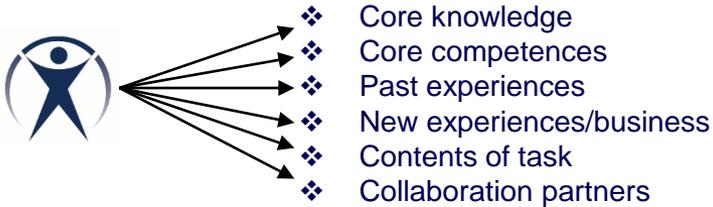
Possible collaboration areas:

- Collaborative Simulator integration between units/entities
- Collaborative Computer Generated Forces stimulator
- Integration of different simulators into SIM-WAN
- Development of 3D-databases and visual models
- Collaborative simulator development
- Integration of other functionalities in our product based on a mutual customer
- Mutual customer support
- And so much more.

Background



➤ Our thoughts prior to commitment



➤ Initial talks with CAE



➤ Contract negotiation and finalization



➤ Contract signature

Initiated:

NOV 2010

July 2012

March 2014

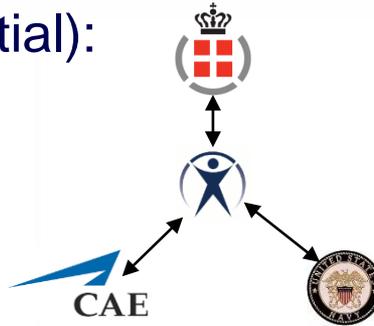
Expected March 2016



Collaboration Partners

➤ Collaboration partners (initial):

- IFAD TS A/S
- CAE USA
- Danish Defence
- US NAVY



➤ Collaboration partners (future):

- Danish Acquisition and Logistics Organization (DALO)
 - Responsible for the overall acquisition of the MH-60R Seahawk
- Helicopter Wing Karup (HW KAR)
 - Home base of the MH-60R Seahawk
- Squadron 723 (SQN723)
 - The squadron operating the MH-60R Seahawk



Collaboration with CAE USA



- Main task:
- Contractor Operation and Support (COMS)
 - Project initiation: 11th July 2016
 - The MH-60R Seahawk simulator at HW KAR
 - Operation, maintenance and support
 - 5 man team for at least 5 years

- Add-on projects:
- Link16 (concluded)
 - Transfer of knowledge incl. SIM L16 MIDS system

- Integration of INTS (in operation)
 - Integration of INTS-CGF into the MH-60R SIM

- Future opportunities:
 - Connection to Naval Warfare Center at Naval Base Frederikshavn
 - Connection to Fighter Wing Skrydstrup
 - Enabling mission training



Benefits for Danish Defence



- Increased focus on the Training Enterprise and better interoperability between training assets and training centres
- Additional savings can be harvested on resources and budgets with few repercussions on operational capability
- Increased simulator know-how within Danish industry
- Easy access to essential/relevant knowledge in Danish industry
- Even more focus on Green Defence
- And more.....





IFAD TS

- To develop simulator solutions
- Provide and ensure interoperability between simulators and training solutions
- To operate, support and maintain simulators



Supporting Danish Defence

with effective and modern solutions in the field of maintenance

➤ Current business:

- Danish Naval Warfare Training Centre
- Danish MH-60R Simulator Centre

➤ Possible future business opportunity:

➤ Danish Fighter Wing:

- Eurofighter full mission simulator center at FW SKP
- Instruction, Service, Maintenance and Support
- Training staff and technical staff
- 15 man team
- 30+ years





Questions

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