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## Danish Defence is testing their training network

*We are situated in the outskirts of a small village on the Danish West Coast.*

*Fighters can be heard above us and we can see the enemy that is rolling in on us in their T-80 Main Battle Tanks (MBT).*

*A couple of Danish Leopard 2A5 MBTs have engaged the enemy in an attempt to slow down their advance but it does not look promising.*

*Carsten a Joint Terminal Attack Controller (JTAC) is communicating with a pilot over the radio. He is providing target designation for the pilot who is in his F-16 Viper high above us. The information is passed very quick and professionally. The pilot ends his transmission with a "Hammer in Heading".*

That was the scenario for a network test that was aimed at testing the network connections between a number of geographically dispersed units



Picture 1: An overview of the activated network (full lines)

IFACTS, F-INSTR and IRAS simulators provided by IFAD was rolled out in different configurations that via ISimBridge was connected to JCATS, VBS3 and the F-16 DART SIMS in order to contribute to the test.

*We look up towards the sky and are able to spot a small dot that is rapidly closing in. An F-16 Viper is hurling past us overhead and releases a bomb on one of the enemy MBTs. The bomb homes in on one of the enemy MBT's and it explodes in a flash of light and smoke starts pouring out of the hit MBT. The pilot reports "Good splash" over the radio. Carsten looks up and says: "We can't see his video feed when he is laser illuminating the target. We need to get that fixed." This is fortunately only a simulation, but it has to resemble the reality.*

IFAD have delivered the JTAC- and AO-simulator (IFACTS) that the Danish Defence is using for training and educating their JTAC's.

The Danish Defence is now in the process of establishing a nationwide training network that will connect all the different service bases that utilizes simulation in respect to their training. This will enable the units to use simulation based training to a much higher degree across the services.



The test was a success and revealed that units that are dependant on each other in real live operations can cooperate on training together across geographical distances. "It's a great step forward." Says VAN who is the National JTAC Program Manager.

The JTAC training centre at Operations Support Wing (OSW) has established IFACTS, F-INSTR, IRAS and ISimBridge in some brand new hardware. This enables that the Instructor and the Student(s) have a much better interaction during the training session.

The pictures below illustrates the new deployment of the training systems at OSW.

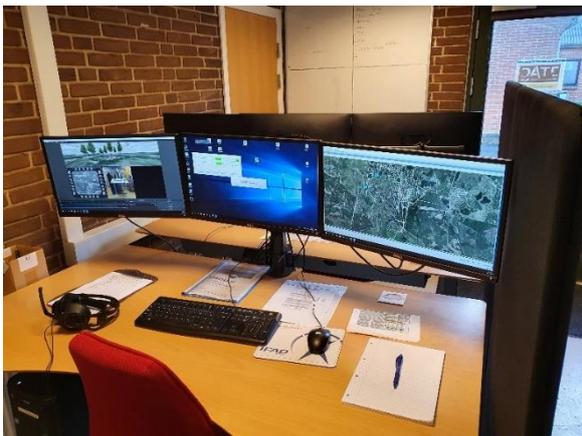
**Picture 2: 3D-view of the student-station**



**Picture 3: The Pilot-station**



**Picture 4: The Instructor station and CGF**



**Picture 5: Carsten and VAN at the Student-station during the test**



**In case you want more information about this subject please feel free to contact IFAD TS A/S.**