

A wide-angle photograph of two modern naval ships, likely frigates, sailing on a dark, choppy sea under a grey, overcast sky. The ship on the left is viewed from a rear-quarter perspective, showing its complex superstructure with various radar masts and antennas. The ship on the right is viewed from a front-quarter perspective, also showing its advanced radar and sensor equipment. The water is dark with white foam from the ships' wakes.

EUROPEAN PROTECTED WAVEFORM THE NEXT STEP IN EUROPEAN AUTONOMY IN SATCOM CAPABILITIES

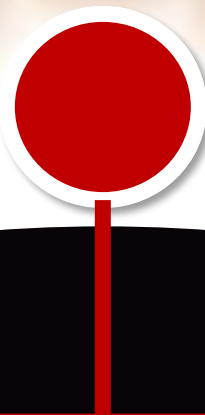
GovSatCom 2019

**KOEN WILLEMS
HEAD INTERNATIONAL GOVDEF SATCOM**

FEBRUARY 2018

Newtec

EPW GENISIS

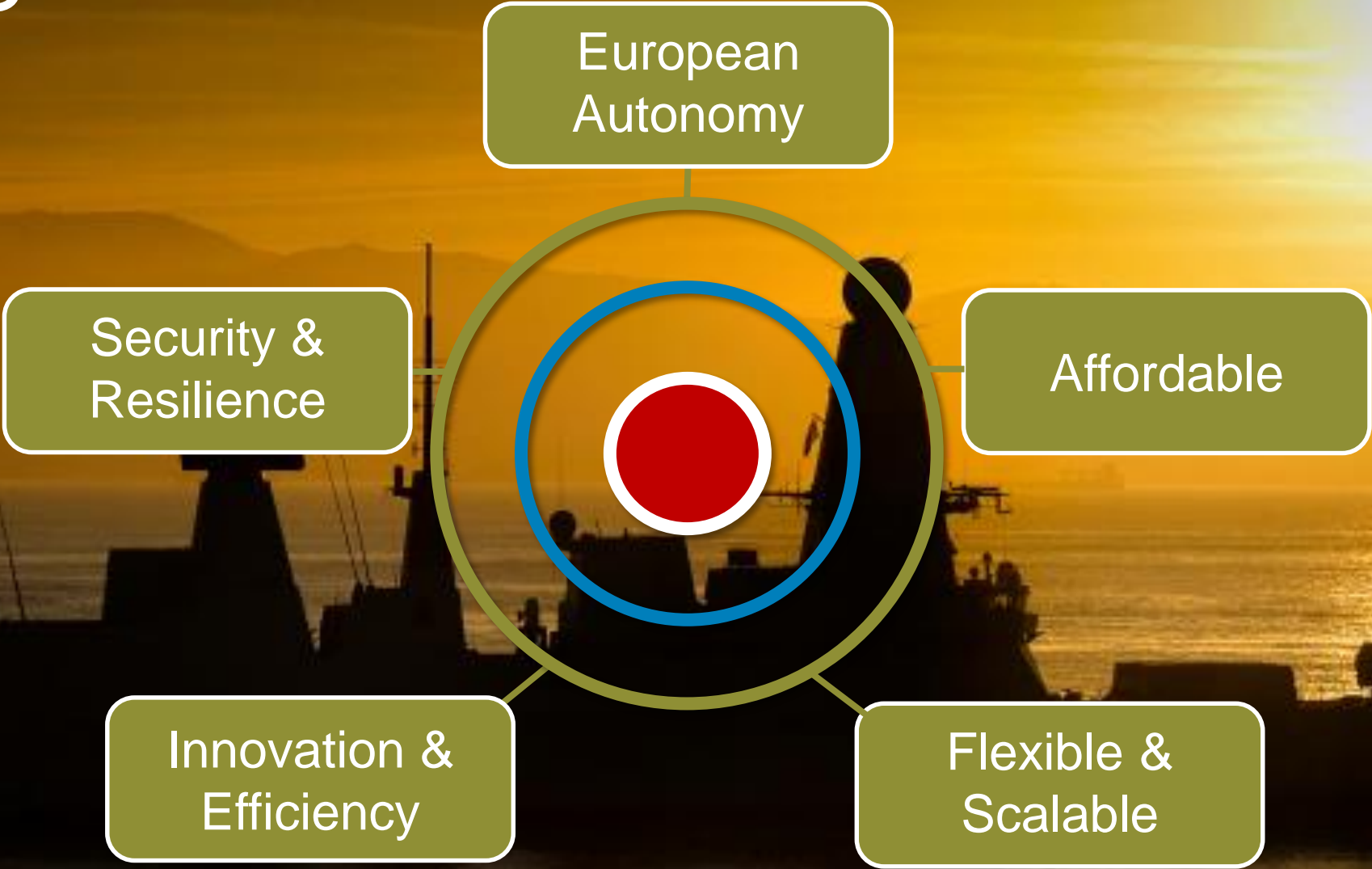


Discussions with Govsatcom & military end-users
Increased focus on secure links for broadband satcom
EU Cooperation – Triple Helix
Newtec Food for Thought Paper June 2018

EPW WHY?



EPW OBJECTIVES



EPW REQUIREMENTS

- Seamless, resilient & secure
- Efficient
- Interoperable
- Affordable
- Licensed based
- Application based security
- Multi-architecture / satellite
- Pooling & sharing
- OTM / OTP support



- Cyber security
- Physical security
- Certification body



- SDR
- SWAP-C
- Reliable
- Powerful
- Future proof
- Easy to use

EPW STATUS

Study &
Analysis

Requirements
& Definition

Design
(PDR – CDR)

Demonstrator in
operational context

Standard



- EDIDP- PNTSCC-SCC -2019 Call on EPW
- Developing the EPW standard
- Work stream 4.2.4 (PNT & Satcom)
- Bel – Lux nation lead
- Mature consortium with Newtec
- High Level requirements as base for Call

EPW

Q&A

