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

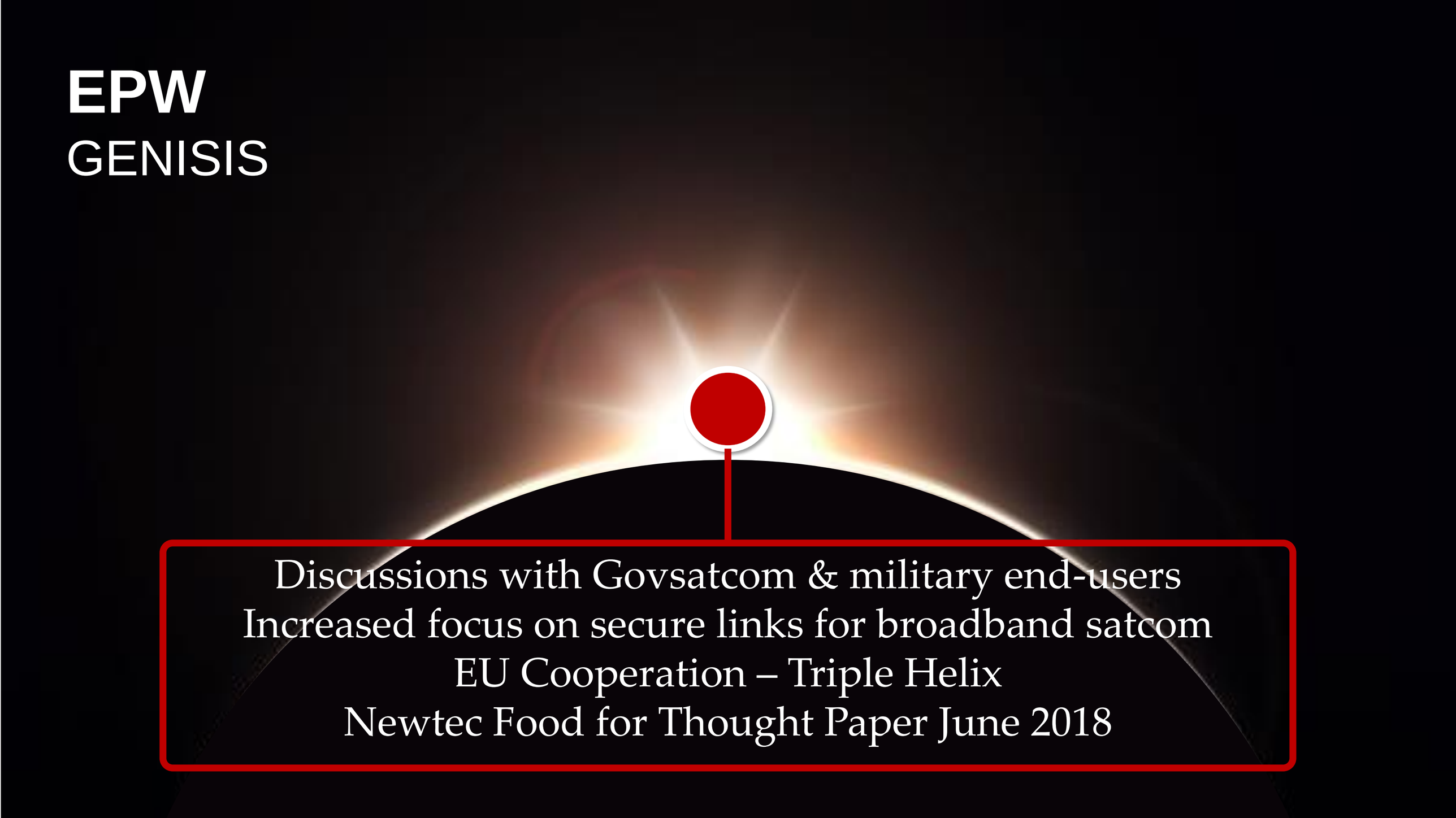
GovSatCom 2019

KOEN WILLEMS
HEAD INTERNATIONAL GOVDEF SATCOM

FEBRUARY 2018

Newtec

EPW
GENISIS

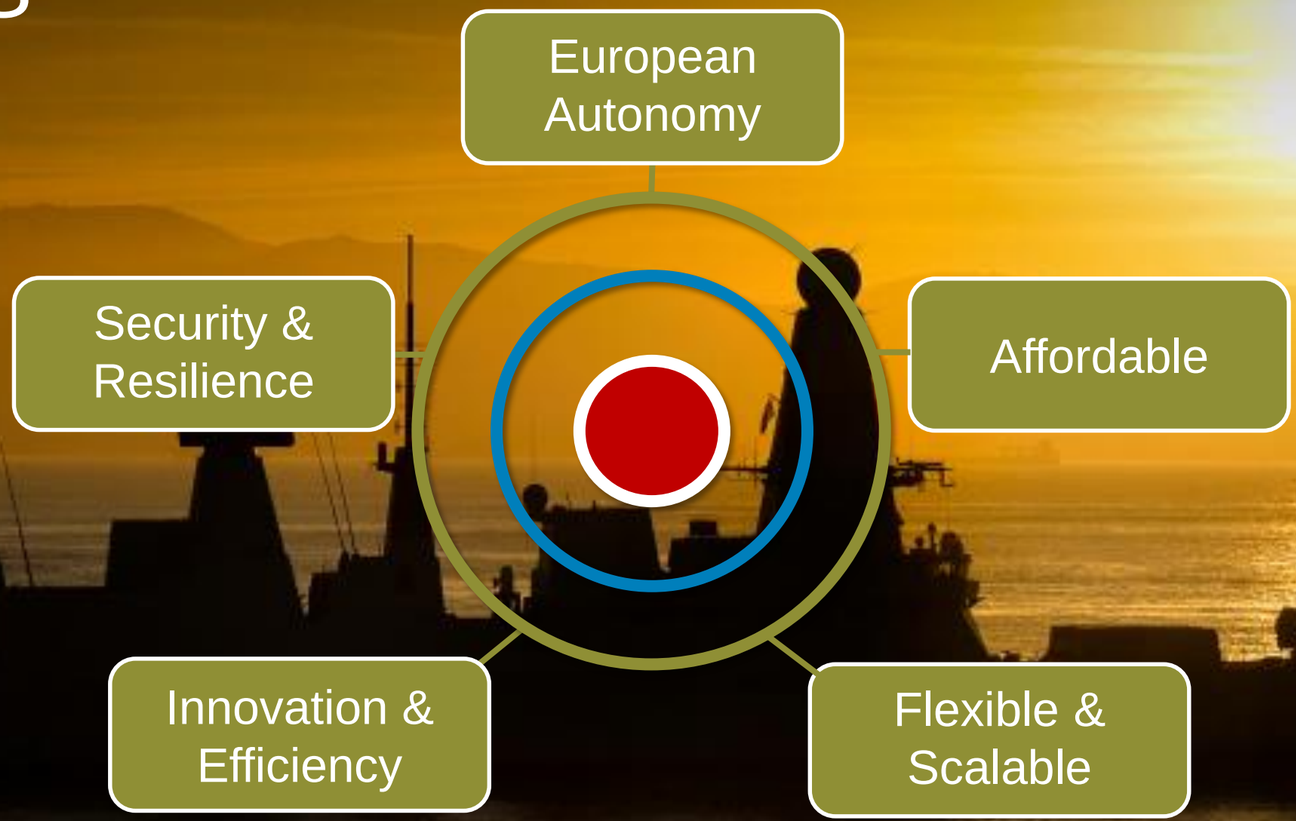


Discussions with Govsatcom & military end-users
Increased focus on secure links for broadband satcom
EU Cooperation – Triple Helix
Newtec Food for Thought Paper June 2018

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**

European Defence Industrial Development Program

- 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

Koen Willems
kwil@newtec.eu
www.newtec.eu