SCiTEC
Science & Technology Innovation

OPIR MISSION DATA PROCESSING

Factory R&D

- Rapid Prototyping of New Algorithms
- Processing Chain Development
- Analyst Tools for Planning & Assessment
- Machine Learning, Optimization & Test

SHIELDS

MEATLOAF

Ground System Processing

- Low Latency Mission Data Processing
- Dynamic Tasking, Detection, Tracking, Typing, Assessment, ad Reporting
- Operational in Multiple Frameworks: TAPLab, OBAC, BOA, C2S
- Engineered for the future App-Framework SecDevOps ecosystems

DUSTE/ARROW

ARGOS & ORACLE

SPEER/ROCKI

SOFA III

On-Board Processing

- Refactored for System on Chip (SoC)
- Algorithms Accelerated in FPGA
- Migrating to GPUs & Edge computers

SWEAP

BLACKJACK/CASINO

SSL

ENABLERS

- 40+ Years OPIR Experience

- Machine Learning Tools
- Training Datasets

- 200+ TB of Mission Data
- Signatures & Truth Data

- Classified Networks
- Cloud Expertise

- Community SMEs
- Cleared Scientists & Developers

- SoC Dev Boards
- Optics Laboratory

DEFEND THE FUTURE WITH US AT SCITEC.COM