

AiRANACULUS™

Autonomous intelligent Reconfiguration

(“Self-Driving”) for Heterogeneous Wireless Networks™

NASA Funded Resilient Wireless Software

Reduces OPEX with
Zero Touch Operation

Ensures Network
Uptime and Performance

Meets SLA
Requirements

Detection Time

Classification Time

Mitigation Time

SLA Fines

Autonomy

Manual Cost

Without AiRANACULUS

Hours

Days

Months

High

Low

High

With AiRANACULUS

Seconds

Seconds

Seconds

Low

High

Low

AiRANACULUS[®] Interference / Anomaly Detection & Characterization

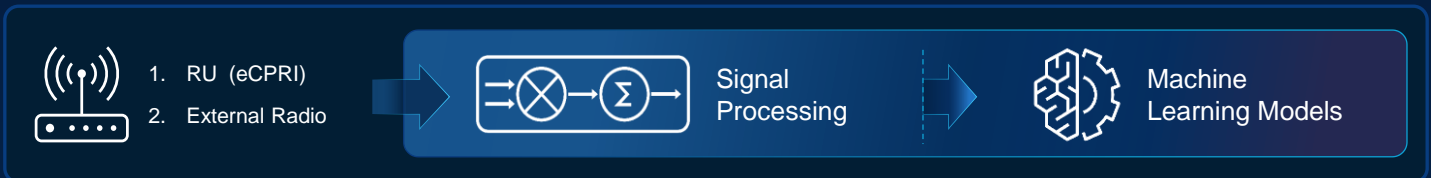
Automates Interference Awareness Real-Time

Detects Spectrum Anomalies

Characterizes 50+ Signal Types

Classifies Interference Types

Automates Interference Mitigation



AiRANACULUS[®] Robust & Resilient 5G

Integrated Interference & Congestion Mitigation into 5G Systems

