L3HARRIS™
FAST. FORWARD.

3 CHANNELS. 3 NETWORKS.
3X SMALLER.

Falcon III® RF-7850D
Multi-channel Modular System

LOW-PROFILE, HIGH-POWERED PERFORMANCE

Reimagine what your missions can achieve with the RF-7850D

No comparable radio available today can match the significant size reduction
and multi-domain performance of this Multi-channel Modular System.

DUAL-CHANNEL SIMULTANEOUS NETWORKING

All in one compact, powerful radio

The RF-7850D is engineered for battlespace superiority with unrivaled multi-mission and full-spectrum capabilities. Warfighters have the intel edge with real-time, shared Situational Awareness and Friendly Force protection. The radio's technologies unify backbone networks and significantly extend range, allowing the number of forces commanded to double. A Mission Module interface supports immediate addition of video ISR and custom capabilities—or a third channel to simultaneously crossband three disparate networks together.

23.36 cm

7.11 cm

26.41 cm

KEY BENEFITS

> **Extend communications range** and double the forces commanded with dual-channel capabilities

> **Harness multi-mission versatility** with the only radio in its class providing full 30 MHz-2.5 GHz spectrum coverage

> **Modernize forces** through software-only updates and an added third channel with Mission Module expansion capabilities

> **Enhance warfighter agility** through the RF-7850 suite of waveforms

> **Seamlessly connect** throughout the battlespace with RF-7850 family interoperability

> **Simplify network complexity, maintenance and training** leveraging standardized RF-7850 family platform user interface

3 available channels

3X smaller than the competition

3 simultaneous networks

MORE ROOM FOR MISSION-CRITICAL ESSENTIALS

Tactical vehicles are getting smaller, giving warfighters more flexibility and agility to accomplish their mission. As demands for more covert, quick maneuverability operations also increase,

the RF-7850D answers those challenges with a form factor 2 to 3 times smaller than competitors and unmatched tactical versatility.

> Deployed for TOC and vehicular use

> Flexible in-vehicle mounting options— under seat, wall or under dash

> Easy to install and conceal in a low-profile chassis

L3HARRIS MISSION MODULE

Quickly add third channel capabilities

Share more information and broaden capabilities
with the fast addition of Mission Modules as a true,
third channel with independent capabilities.

ACHIEVE THREE SIMULTANEOUS
CHANNELS THROUGH THE
RF-7850D MISSION MODULE,
PROVIDING 225-2500 MHZ
COVERAGE FOR ADVANCED
S-TNW, V-TNW AND TGW2
NETWORKING.

GET AIR-TO-GROUND
DATA CONNECTIVITY AND
EMPOWER YOUR NETWORK
WITH ADVANCED AERIAL
VIDEO LEVERAGING THE
ISR MISSION MODULE.*

UNLOCK THE FULL POTENTIAL
OF THE RF-7850D WITH CUSTOM
MODULAR CAPABILITIES,
INDIVIDUALLY TAILORED
TO YOUR BATTLESPACE DEMANDS.

* Future Release

UNRIVALED MULTI-DOMAIN INTEROPERABILITY
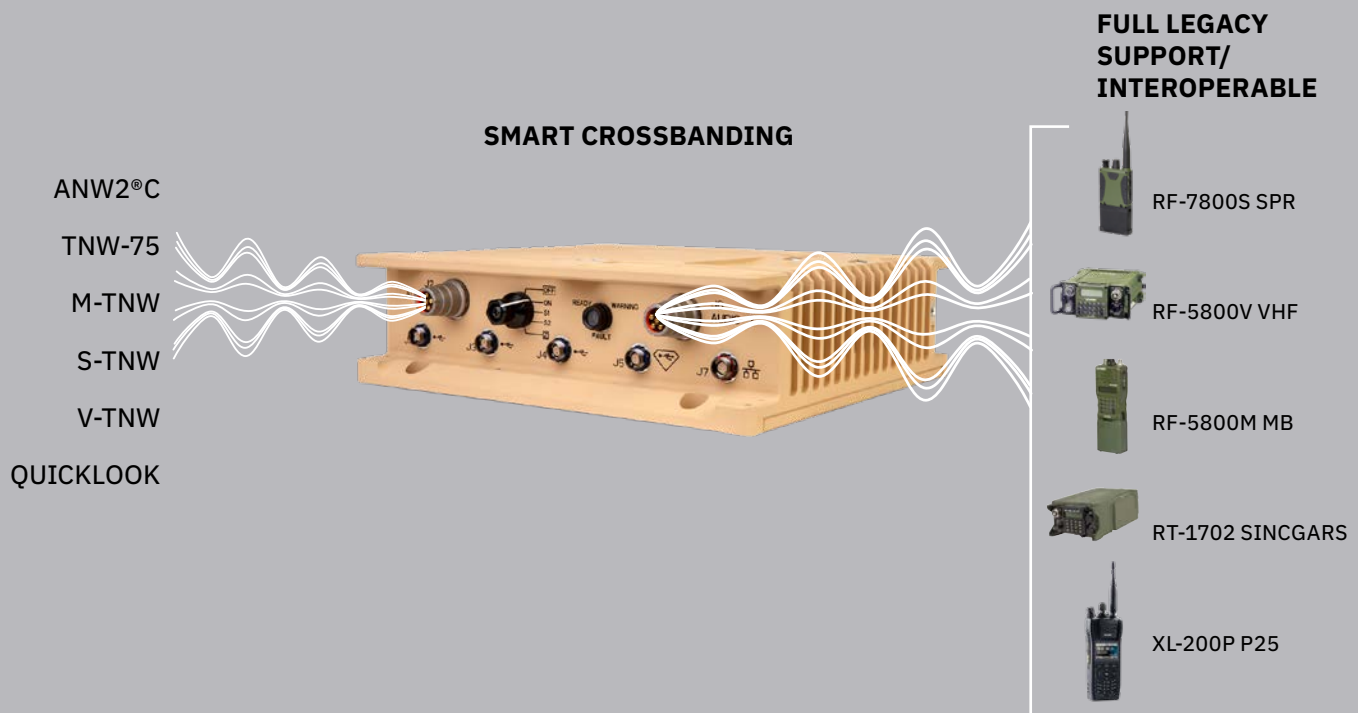
It's all in the RF-7850 family

A multi-channel modular system forms the nucleus of the RF-7850 family of tactical radios, delivering full battlespace interoperability and a bridge for air-to-ground backbone networks through long-range, dual-channel communications. The RF-7850D supports faster, better-informed decisions through the seamless exchange of voice, data, images and Full Motion Video up and down echelon.
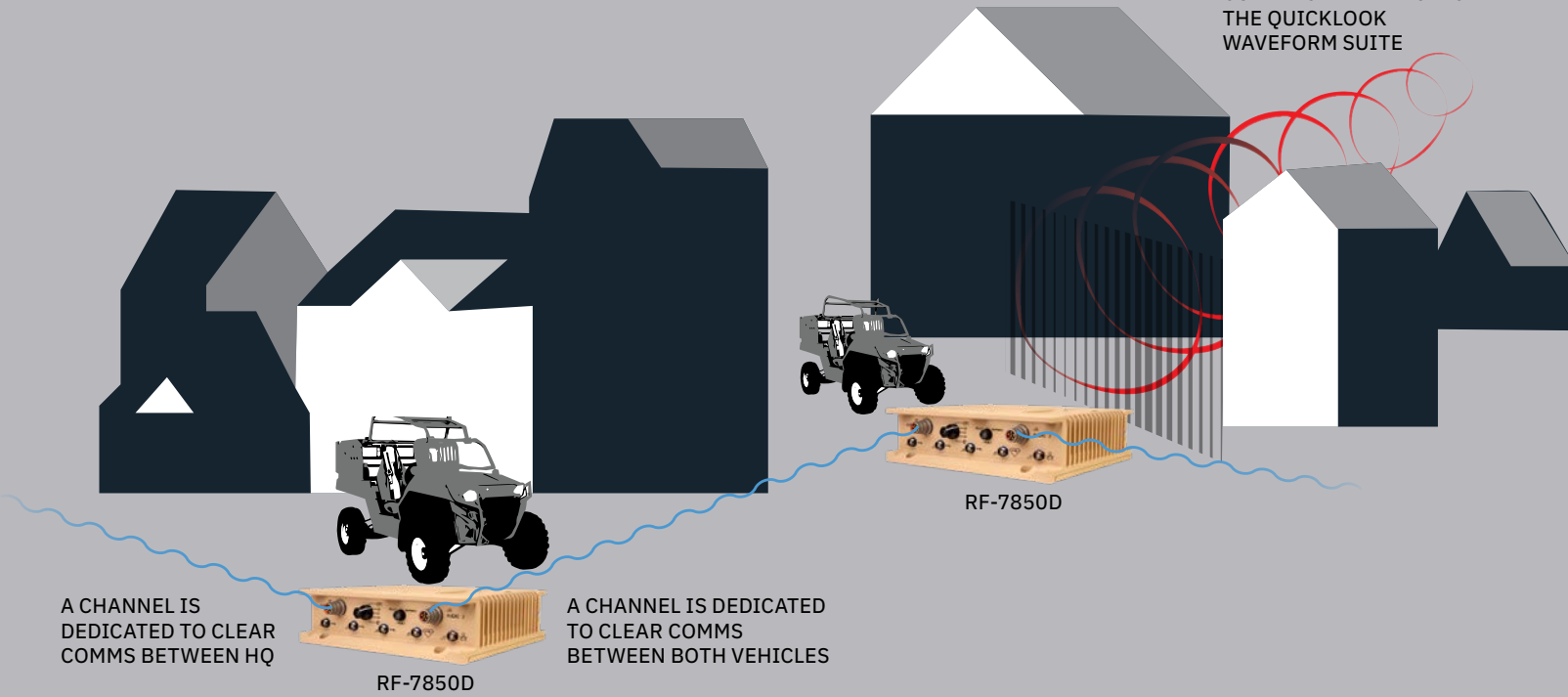
BRIDGING TACTICAL NETWORKS TO EXPAND FORCE COMMAND

SATELLITE TACTICAL
COMMUNICATIONS
(STC)

RF-7850A-UA

STC

TNW-75

BATTALION HQ

COMPANY HQ

RF-7850D

RF-7850D

TNW-75

RF-7850M-V5XX

1ST PLATOON CMDR

ADVANCED LEGACY INTEROPERABILITY

SMART CROSSBANDING

**FULL LEGACY
SUPPORT/
INTEROPERABLE**

ANW2®C

TNW-75

M-TNW

S-TNW

V-TNW

QUICKLOOK

RF-7800S SPR

RF-5800V VHF

RF-5800M MB

RT-1702 SINCGARS

XL-200P P25

DUAL-CHANNEL, RESILIENT COMMUNICATIONS

SIMULTANEOUS ECCM COVERAGE LEVERAGING THE QUICKLOOK WAVEFORM SUITE

RF-7850D

A CHANNEL IS DEDICATED TO CLEAR COMMS BETWEEN HQ

A CHANNEL IS DEDICATED TO CLEAR COMMS BETWEEN BOTH VEHICLES

RF-7850D

REAL-TIME, AIR-TO-GROUND INTEL SHARING AND CLOSE AIR SUPPORT

RF-7850A-MR

M-TNW

RF-7850A-UA

2ND PLATOON COMMAND

SATURN

RF-7850D WITH ISR MISSION MODULE

S-TNW

EDGE SOLDIER

1ST PLATOON COMMAND

RF-7850M-HH

RF-7850S-SPR
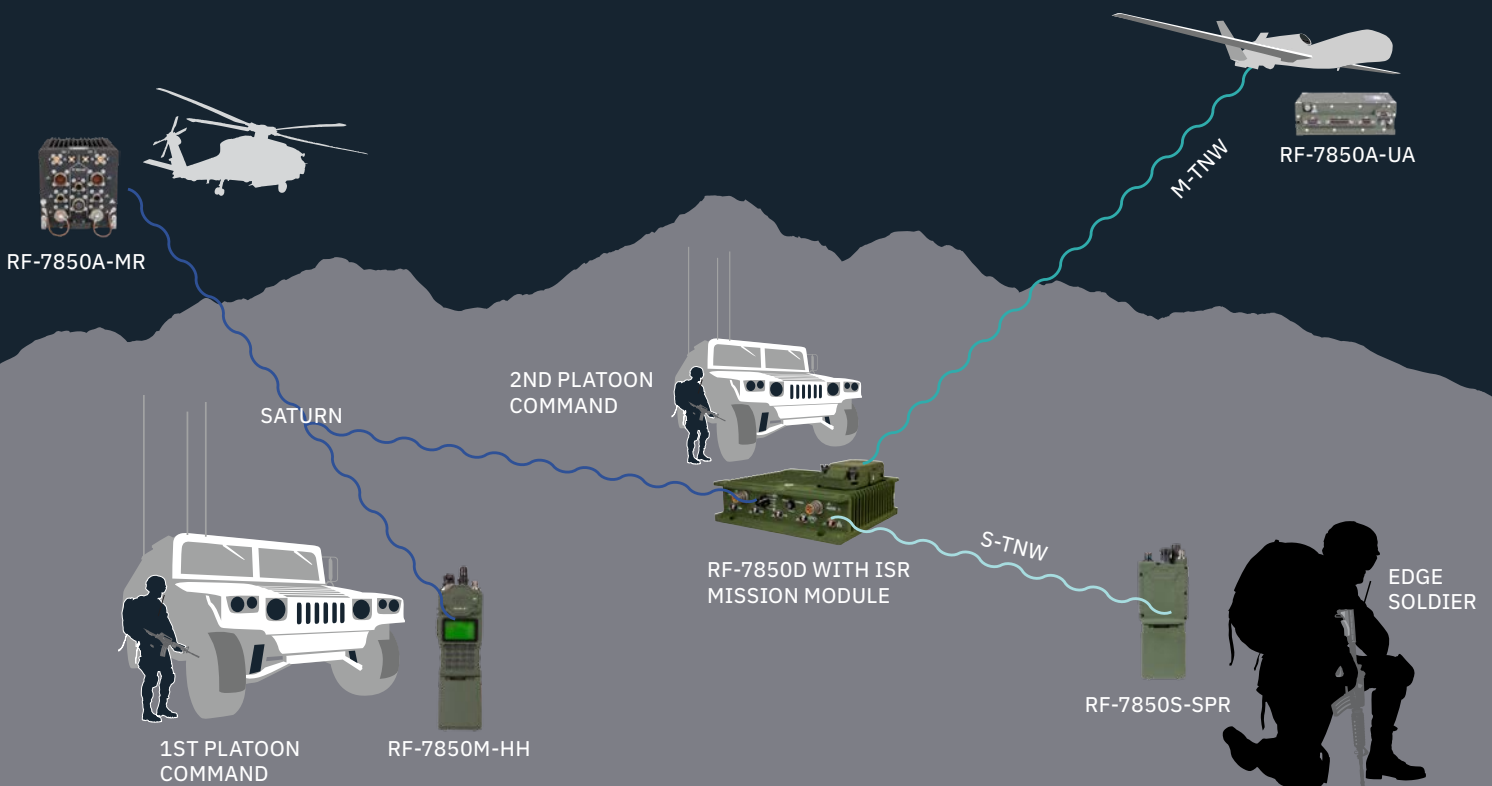
FAST. FORWARD.

Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

L3HARRIS™

Authorized Distributor

PlanetComm

Planet Communications Asia PLC.
157 Soi Ramindra 34, Ramindra Rd., Tarang, Bangkhen, Bangkok 10230
Tel: 02 792 2400 Fax: 02 792 2499 Email : Sales@plannetcomm.com

PlanetComm :