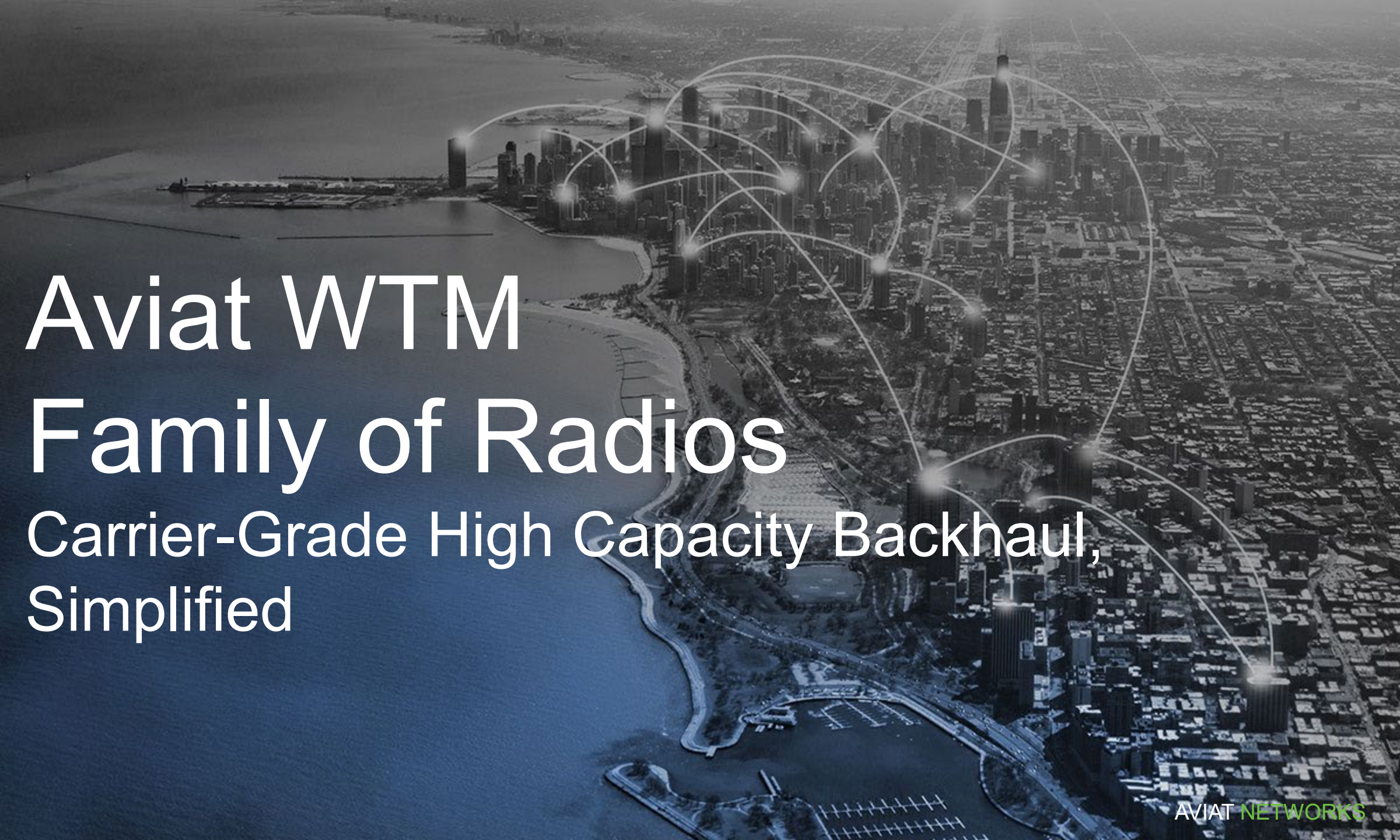


Aviat WTM Family of Radios

Carrier-Grade High Capacity Backhaul, Simplified

AVIAT NETWORKS

ALL-
OUTDOOR

SPLIT-
MOUNT
(with CTR 8700)

LONG
HAUL
TRUNKING

IP
MPLS

NATIVE
SDN

WTM 4000

MICRO-
WAVE
(5 to 42 GHz)

DUAL-
CHANNEL
(with A2C or dual transceivers)

BI-
BAND
(eg: 11/32 GHz)

E-BAND
(80 GHz)

MULTI-
BAND
(eg: 18/80 GHz)

THE HIGHEST CAPACITY, MOST COMPLETE PLATFORM FOR 5G TRANSPORT

AOS · Aviat · IP MPLS · SDN

WTM 4800

E-Band

Dual Channel

20 Gbps

Urban

Short Haul
Last Mile

WTM 4800

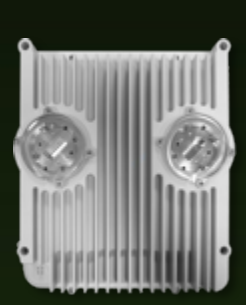
E-Band

Single Channel

10 Gbps

Urban

Short Haul
Last Mile



WTM 4800

Multi-Band

Dual or Tri-Channel

10 Gbps

Sub-Urban

Short Haul
Last Mile

WTM 4100

5 to 42 GHz

Single or Dual Channel (A2C)

2.5 Gbps

Sub-Urban

Access
Medium-Haul

WTM 4200

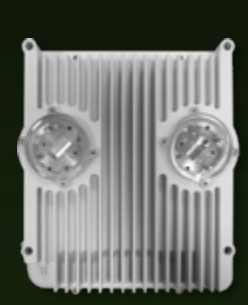
5 to 42 GHz

Dual Channel

5 Gbps

Sub-Urban

Access
Medium-Haul



WTM 4500

5 to 11 GHz

Single Channel
Dual Channel

2.5 Gbps

Rural

Long-Haul
Space Diversity

STR 4500

5 to 11 GHz

4, 6 or 8 Channel, w/ SD

10 Gbps

Rural

Long-Haul
Multi-Channel
Trunking

CTR 8740

Microwave Transport Router

68 Gbps

Microwave / Optical

Transport & Aggregation

WTM 4000

Multi-Channel, Multi-Band Architecture

5 to 80 GHz in a single common platform

Unique modular dual-transceiver design

Flexible frequency band combinations

Ultra-high capacity support in a single unit

Integrated switch

Four user interfaces, including 2x 10GE

Direct-Mount Single- or Multi-Band antenna

AVIAT NETWORKS

BENEFITS OF A TRUE “FAMILY” PRODUCT PORTFOLIO

- One common, familiar platform for all applications
- Reduced training needs
- Simplified planning and design (eg: AviatDesign for Multi-Band)
- Fewer parts
- Easier ordering
- Simplified production and testing for shorter lead-times
- Simplified sparing and maintenance practices
- Greater flexibility to adapt to local conditions
- Optimize links according to spectrum availability and pricing
- Higher capacity links at lower overall TCO