The RT-3205 is the WAN transceiver that ensures reliable and efficient two-way wireless communication between a Network Controller and a cluster of LAN endpoint devices, including residential and C&I meters.

Also called a "Sharkfin," an RT-3205 fits into a Form 2S meter socket and acts as a collector for associated TUNet – Tantalus Utility Network – LAN devices. It gathers meter readings, power quality data, and outage reports from multiple endpoints and relays information to the operations center over the WAN. An RT-3205 also sends commands to individual or groups of LAN devices.

Two-way, 24x7 communications is the cornerstone of advanced metering. It enables a utility to improve operational and customer responsiveness through services such as read on request, immediate outage & restoration notification, and remote disconnect/reconnect. Furthermore, a utility can introduce programs that conserve energy and reduce consumption such as dynamic pricing (TOU, CPP, RTP) and load shedding that help conserve energy and minimize costs.

The TUNet 220 MHz WAN provides long-range, real-time communications and can be quickly and cost-effectively established across urban and rural service areas. Endpoints can be surgically deployed unconstrained by substation configurations, allowing the utility to accelerate ROI by targeting customers with the greatest need or promise of highest return.

Tantalus’ unique burst-mode technology, group addressing, and time synchronization goes beyond basic data collection by automating the distribution system right down to the meter.

The Sharkfin is the two-way hub that enables a utility to command, control, and respond to events anywhere, at any time, on the network.