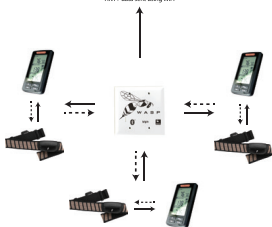# ANT WIRELESS SOLUTIONS
FOR GROUP FITNESS

More sensors. More live data. Better tracking.

ANT+ device profiles for group fitness applications support multiple sensors and displays in highly congested RF environments - allowing large classes the flexibility and reliability to provide live data to participants. Push your classes to the finish line by displaying their progress on a leaderboard at the front of the class or on individual participant screens.
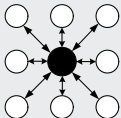
THISISANT.COM

ANT USE CASE: CONNECTED SPIN CLASS

ANT+ data sent using WiFi

Using continuous scanning star topology, products from Star Trac, North Pole Engineering and Performance IQ connect together using ANT+ device profiles to create a connected spin class with live metrics on a leaderboard screen. ANT+ heart rate monitors send data to Star Trac fitness consoles, and both devices can send data directly to North Pole Engineering's WASP. Gym leader board software like Performance IQ receives consolidated fitness data from the WASP for group display.

HOW IT WORKS

STAR, CONTINUOUS SCANNING

High power, low latency data collection in real time from battery-operated devices or for multiple device control.

CONNECTIVITY REQUIREMENTS

handle high volumes of data while concurrently supporting many devices

functions in highly congested RF environments

compatibility with/and support for a variety of sensor brands via ANT+

multi-display support

low drop rate

unique device identification