

Reliable container tracking with the Virtual Antenna[®] RF solution.



CIMC'S VENTILATOR ASSET TRACKER DELIVERS HIGHLY ACCURATE LOCATION DATA USING IGNION'S VIRTUAL ANTENNA[®] TECHNOLOGY.



ABOUT COMPANY

China International Marine Containers (Group) Ltd. (CIMC) is a world leading supplier of logistics and energy equipment, headquartered in Shenzhen of China. CIMC is dedicated to supplying high-quality and reliable equipment and services, including containers, vehicles, energy, chemical and food equipment, offshore, logistics services, airport facilities, etc.

THE CHALLENGE

To support the global LTE-M and high quality GNSS with standard RF design to be compatible with over 200 countries cellular operators.

THE SOLUTION

CIMC and Ignion have developed an electronic ventilator with the ability to support global CAT-M frequency band and high-quality GPS & Beidou. Both of them use the SMT off-the-shelf antenna solution and achieve the amazing performance. It is built around Ignion's

TRIO mXTEND[™] and RUN mXTEND[™] antenna components. The result is an asset-tracking device that easily installs in the standard vent on the side of a container. The tracker is not just accurate but has long batter life due to the low-power design. The tracker is able to produce stable communication even in extreme environmental conditions at sea.

"Off-the-shelf small antenna but high performance and professional design service make us choose Ignion."

Mr. Yang, CTO, CIMC

CIMC

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ACHIEVEMENTS

efficiency
can be robust in
challenging environment

Ignion's easy design
path followed
No design risks from the
beginning

best performance
tracking accuracy in
ever-changing circumstances