



## EION Launches IoT-Enabled Weather Station for Smart Telecom Tower Management

*IoT sensor-based Weather System is integrated into  
EION's SmartRIM Gen 3 to reduce OpEx costs for ISPs and Operators.*

**OTTAWA, ON, CANADA** (February 22, 2021) — **EION Wireless**, a leading provider of wireless systems to Tier I operators, ISPs and enterprises, today announced that it is launching the Weather Station IoT Solution for its SmartRIM 5000 Gen 3, which can be co-located in the remote infrastructure operated by ISPs and telecom operators.

The Weather Station IoT Solution measures wind speed, wind gust, wind direction, outdoor humidity, temperature and rainfall. All measurements are time stamped and saved in a database. Users can view real-time graphs of the data from the Weather Station, using pre-configured data feeds on the MosaiQ Dashboard platform. There are algorithms in place to calculate hourly average and daily average of rainfall for each location.

“We are developing Machine Learning and AI algorithms to use real-time data from the weather station to predict future wind speeds and direction, which can be used by the Operations team.” stated Hanieh Moghaddasi, IoT Product Architect at EION Wireless.

“The Weather Station IoT Solution is an important addition to SmartRIM 5000 and has numerous versatile applications,” said Dr. Kalai S. Kalaichelvan, CEO of EION Wireless. “We believe that our global customer base will greatly benefit from this new feature for SmartRIM Gen 3,” he concluded.

Over the past 20 years, EION has been a trusted provider of rugged communications infrastructure globally, with over 450,000 radios deployed worldwide. The JF-12 Certification recently received from the US Army Spectrum Office clearly demonstrates that EION's products can be rapidly adopted to deploy wireless networks where NATO frequencies are being used.

EION is part of the PomeGran group of companies.



**About EION Wireless:**

EION Wireless, headquartered in Ottawa, ON Canada, is a global provider of Broadband Wireless Access products that enable effective, economic and secure wireless high-speed communications solutions. Formed in 2001, EION is a global provider of 4G Mobile LTE solutions, and high-speed broadband wireless products. With Global Customer Support Operations in India, and multiple regional sales offices around the globe, EION Wireless works with more than 165 worldwide channel partners to support some of the largest 4G deployments in the world. EION Wireless has established over 50 Gold partners globally. EION channel partners support various enterprise sectors such as Oil & Gas, WISP, Government Institutions, Mining, and Public Safety & Security. EION products are sold to Tier I and II Service Providers directly.

[www.eionwireless.com](http://www.eionwireless.com)

**About PomeGran Inc.**

PomeGran Inc., headquartered in Toronto, ON, Canada, owns and operates fibre and fixed wireless broadband networks across Canada and is an IoT Managed Services Provider that delivers a secure, AI-powered, self-healing platform for Smart Infrastructure. PomeGran, through its EION subsidiary, is a global provider of Broadband Wireless access products that enable effective, economic and secure wireless high-speed communications solutions.

[www.pomegran.io](http://www.pomegran.io)

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