

## **CPI Introduces 100 W C-Band GaN-Based Solid State BUC at IBC 2014**

**Amsterdam – 10 September, 2014** – The Satcom Products group of Communications & Power Industries LLC (CPI) is introducing a new 100 watt C-Band GaN-based solid state block upconverter (BUC) at the 2014 IBC Conference and Exhibition, held at the RAI Convention Center in Amsterdam, Netherlands. This new BUC augments CPI’s extensive selection of solid state GaN and GaAs products in C-, X-, Ku- and Ka-band. The 100 watt GaN BUC is nearly twice as power efficient as its GaAs counterparts, features a user-selectable LO frequency for improved operating flexibility, and complements our existing Ku-band and X-band GaN BUCs.

“CPI’s new 100 watt BUC is ideal for satellite uplinks where compact size, light weight and low thermal dissipation are critical factors in overall system design, such as in maritime, satcom-on-the-move, and land-based small terminal and mobile satcom applications” said Colin Eastment, vice president of business development for CPI Satcom Products. “With its light weight and small size, CPI’s 100 watt C-band GaN BUC is a great solution for increasingly demanding requirements.”

*About CPI Satcom – CPI Satcom is a leading supplier of microwave amplifiers and high power BUCs for both commercial and military satcom uplink applications. The company’s state-of-the-art design and manufacturing utilizes TWT, klystron and solid state technology. CPI has the world’s largest installed base of satcom uplink amplifiers, with over 40,000 supplied since the early 1970s.*



**CPI Satcom’s 100 W C-Band GaN BUC**