

## Modules to help improve smart grid in China



Telit Wireless Solutions announced the expansion of cooperation with leading Chinese Innovator in the Smart grid and Automated Meter Reading Segments - Beijing Yupont Electric Power Technology Co., Ltd. Founded in 1996 Beijing Yupont is a hi-tech company incubated by the North China Electric Power Research Institute. It is engaged in the development of electric power metering and automatic meter reading technologies, geographical information systems (GIS), electric power meter, and load control terminal products.

The expansion initiative between the two companies stems from the success in initial collaborative efforts which resulted in Beijing Yupont being awarded a supply contract worth over 70 million dollar by the State Grid Corporation of China (SGCC) in November 2011. Yupont won praise from experts and competitors for the AMR solution proposed in the SGCC tender. That was SGCC's first open-tender for AMR products.

Since 2009 Telit has been a technology and expert partner to Yupont not only contributing to technical aspects of product development but also helping Yupont accelerate development of the intelligent power grid market with the promotion of the benefits and the understanding of its growth steps.

"Thanks to Telit, their excellent support and high quality modules, product development was seamless and agile", said Fu Jinzong, Technical Director, Yupont. "More and more customers are satisfied with Beijing Yupont products, all this shows that our cooperation with Telit is our best choice. In the future, we look forward to expanding use of Telit for our new products to provide more applications, together

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with the development of China's M2M market."

Beijing Yupont entered two products: the "SGC Concentrator System" and the "FKGA4X System" in the winning offer. The SGC intelligent concentrator is a wireless reading system fully researched and developed by "Beijing Yupont". Because wireless communication capability allows it to collect data from handheld devices and terminals the FKGA4X can improve work efficiency, eliminating human errors and ensuring the accuracy and scientific validity of the data. Additionally, because it allows managers to detect conditions such as power line loss, improvements and modernization of management can be facilitated within the power company.

The FKGA4X System integrates modern convergent technologies into the electric energy metering, and power marketing segments. It supports GPRS, CDMA, SMS, optical fiber network, and other communications modes. "The Telit GL868-DUAL embedded in the FKGA4X makes it possible to run the Yupont's application inside the module, thus making it one of the smallest most complete platforms for m2m solutions currently in use in China," said Dominikus Hierl, chief marketing officer at Telit Wireless Solutions. "We look forward to further hastening m2m adoption in China with m2mAIR and the enhanced module services it provides which further streamline the large scale deployments we see starting there now".

Industry's only pure-play m2m, Telit creates value by partnering with customers to provide expert guidance and support from concept development through to manufacturing quickly bringing ideas to market in all application areas including the new "smart" space. With service enhanced products in cellular, short-range, and satellite-navigation easily bundled through high-level software interfaces, Telit-powered m2m devices cost less to integrate, maintain, operate, and update with lower price points for bundled products and savings translating into competitive advantage at the time of sale and throughout the operating life of the customer device.

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