



POTEKA Sta. at a Convenience Store

"POTEKA" Project Started in Isesaki City !

In collaboration with Isesaki City, Yotsuba Junior High School and Gunma University, we have established a network of local dense weather observation named "Isesaki City POTEKA Project" consisting of a compact weather system "POTEKA Sta." and a public cloud "POTEKA Lab." developed by Meisei Electric. For this project, 41 units of "POTEKA Sta." were installed in Gunma, Saitama and Tochigi Prefectures in addition to 14 sites of primary, junior high and high schools, and parks for the in-situ weather environmental information in real time to demonstrate the effectiveness for heat illness prevention and educational activities. The "POTEKA" was abbreviated from Japanese words, "Point", "Tenki(weather)"" and "Kansoku(observation)", which was proposed by the pupils of Yotsuba Junior High School. As a consequence of the general open call it was chosen among the candidates.

To meet new name given we will continue the efforts to study and experiment further towards new ideas and development.



Dr. Jim Burch, Vice President of SwRI, Mr. Kiyoshi Ishii, President of Meisei Electric and Mr. Chris Blackerby, NASA Representative (from left side in the center)

"Appreciation Plaque" was Awarded by NASA and SwRI (Texas) !

On the 3rd July Mr. Chris Blackerby, NASA Representative and Dr. Jim Burch, Vice President of Southwest Research Institute (SwRI), a Texas-based technical partner visited Meisei Electric's HQ and awarded an "Appreciation Plaque" to us. It is due to we, Meisei Electric, manufactured and delivered 16 units of MMS (Magnetospheric Multiscale) onboard *FPI ion sensor to NASA/SwRI in March of this year as originally scheduled. They were jointly developed by NASA/SwRI/JAXA/Meisei Electric and installed on 4 MMS spacecrafts respectively to observe the OuterSpace plasma.

As above we completed the flight models and at present they are now in the process of satellite-level experiment in the U.S. The launch of the spacecrafts is scheduled from Kennedy Space Center towards October 2014. Enjoying this valuable experience we will head for another activities positively aiming at the enlargement of satellite-related businesses in the world.

*FPI (Fast Plasma Investigation)



4K Camera System

Congratulations to Successful Launch of "KOUNOTORI4" !

The H-II B launcher with a cargo transporter "KOUNOTORI4" was successfully lifted off from the Tanegashima Space Center in Kagoshima Prefecture at 4:48 AM on the 4th August (Sunday, JST).

The H- II B is carrying 2 units of rocket onboard camera and PCE (Picture Compressor Equipment) developed and manufactured by Meisei Electric to monitor from the launch up to the ISS.

Also, Meisei Electric was deeply involved in the development and manufacture of 4K camera system, IP-PCDU (ICS-PM Power Control and Distribution Unit) and JCAP (JEM Cabin Access Point), which are carried to Japanese Experiment Module "KIBO".

The 4K camera system is the world's first imager of super high sensitive 4K picture consisting of 4K camera (high resolution with 4 times of pixel numbers than current high vision and 8 times of super high sensitivity than conventional type), recorder, monitor and converter. It will catch "Comet ISON" from the ISS, which nears towards the earth in December.

SENSING & COMMUNICATION

We will contribute to develop safe and secure society, creating innovative products and services by full use of our original "SENSING & COMMUNICATION" technology.