

India Space Research Organization Selects WeldWorks Software Suite

techMatrix, LLC of St. Paul, MN is proud to announce they won a large WeldWorks™ Software Suite contract with the India Space Research Organization (ISRO). The software will be used to collect and analyze resistance weld data when manufacturing satellite solar cells. ISRO selected WeldWorks because it provides centralized database storage and web based access to all their resistance weld process information. They also liked the fact that WeldWorks easily connects to Miyachi Unitek Corporation micro-weld controllers and leverages the controller's integrated monitoring capabilities without having to buy additional, stand-alone hardware.

ISRO especially wanted to capture the current, voltage, power and resistance weld graphs and summary data from the controllers to ensure their solar cells were built with the highest reliability possible before being launched into space. In April 2008, ISRO set a world record by successfully launching ten satellites with their Polar Satellite Launch Vehicle (PSLV). The mission included India's state-of-the-art remote sensing CARTOSAT-2A satellite capable of taking photographs with a 1 meter spatial resolution and 9.6km swath.

About techMatrix, LLC:

Founded in spring 2005, techMatrix LLC is a dynamic growth stage company dedicated to designing, building, and assembling both custom and standard PC based solder reflow, bonding and resistance weld equipment for high technology companies.