



Harris Corporation
Melbourne, Florida
www.harris.com

Industry:

High Technology

Annual Revenue:

US\$5 billion

Employees:

16,000

Oracle Products & Services:

AutoVue Electro-Mechanical
Professional

“There is a huge “wow” factor with AutoVue. Our manufacturing assembly team can now easily view the board file, highlight the components corresponding to a specific part number, and know right away where the parts should be placed on the board, saving hours in the process.”

– Charlie Davies, Principal ECAE Applications Engineer, Harris Corporation

Harris Corporation Streamlines Manufacturing Assembly Operations

Harris Corporation, an international communications and information technology company, serves government, defense, and commercial markets. With its four segments, Harris serves markets for government communications systems, defense communications and electronics, broadcast communications, and Harris Stratex Networks, providing customers with assured communications and information technology wherever and whenever they need it, with the highest levels of performance and reliability.

Challenges

- Provide product design, implementation, and testing teams with instant access to product data and information
- Communicate change requests and assembly instructions
- Unlock highly technical information to non-CAD users

Solution

- Deployed AutoVue Electro-Mechanical across the government communications division for viewing and reviewing native printed circuit board (PCB) schematics and layouts, as well as manufacturing documents
- Provided 60 employees with instant Web-based access to product information and data
- Cut software training costs by 35% with AutoVue’s ability to view hundreds of native electronic design automation (EDA), mechanical computer aided design (MCAD), MS Office and graphic formats with a single user interface and without requiring licenses of the original authoring applications
- Empowered engineering teams with ready access to the intelligence of components stored in Harris’ design element libraries, without disrupting other team members, and saving precious minutes in this daily process
- Enabled digital design reviews and improved communication of engineering changes and assembly instructions
- Reduced time spent on creating PCB assembly instructions from hours to minutes
- Streamlined the manufacturing assembly process
- Helped engineers identify design flaws and verify product manufacturability earlier in the process