



## ICASA Approval of E-Band Radio System

Renaissance Electronics Corporation/HXI has learned that HXI's E-Band Gigalink Radio System has received operational certification from the Independent Communications Authority of South Africa (ICASA) for deployment in South Africa. This high performance 1.25 Gbps radio link, used in wireless backhaul applications, operates in the 71-76 GHz frequency range.

HXI's partner, a premier wireless products and services provider, offers a full portfolio of telecommunications products and services that are cost effective, easy to deploy, flexible, amenable to upgrades and re-deployable. The HXI Gigalink E-Band systems supplement these core offerings by expanding capacity and operational range.

Renaissance Electronics/HXI is proud to have this high quality product certified for use in Africa.

### July/August 2010 Wireless Edge Newsletter

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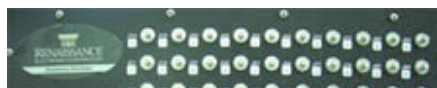


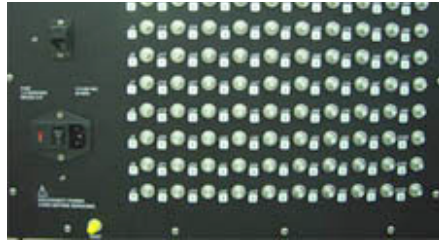
If you would like more information please call 978-521-7300 ext. 7304 or visit [www.hxi.com](http://www.hxi.com).

## 18A6NAA SWITCH MATRIX

Renaissance has been designing customized switch matrices for shipboard, military, satellite and automated test equipment applications.

The 18A6NAA switch matrix, designed for an automated telecommunications testing requirement, is a 19" rack mounted unit, 7U high and 30" deep, operating from 700 MHz to 6 GHz. The unit has been custom designed to accommodate 148 solid state switches interconnected with 550 RF cables and can be powered by a 115-230V, 50-60Hz AC source. It has 96 input paths and 4 output paths. 4 out of the 96 paths can be connected to a unique output path at one time. REC's proprietary hardware controls the switches and the specifically developed controlling software provides an easy-to-use GUI interface via ethernet. Input and output connectors are QMA female as were required by the customer.





**Contact Renaissance Sales for your custom applications at 978-772-7774 or [sales@rec-usa.com](mailto:sales@rec-usa.com).**

## AS9100 Surveillance Audit

Renaissance Electronics Corporation is proud to announce the successful completion of an intense two-day first AS9100 Surveillance Audit on the 17th and 18th of May, 2010.

This re-certification validates the compliance of the Harvard facility with all requirements of the AS9100 quality management system. AS9100 is the aerospace industry's quality standard developed by the International Aerospace Quality Group for quality assurance in design, new product introduction (NPI), manufacturing and servicing. The AS9100 standard includes all elements of ISO 9001-2008 and expanded international aerospace requirements that are approved by major aerospace companies around the world.

**For additional information please contact Renaissance Sales at 978-772-7774 or [sales@rec-usa.com](mailto:sales@rec-usa.com).**

## IEEE MTT Show Review

Renaissance and HXI displayed their latest products at the MTT show in Anaheim, CA. The response was very heartening and resulted in several follow up inquiries. While the RF/Microwave Group highlighted Redundant Switch Matrices, the Millimeter Wave Group showcased the Gigalink and HDTV radios. Gary Mendelsohn of Comtech-PST won the IPod in the lucky draw.

Renaissance expects to be at the upcoming European Microwave show and the MILCOM show later this year.

**For more information please contact Renaissance Sales at 978-772-7774 or [sales@rec-usa.com](mailto:sales@rec-usa.com) or HXI Sales at 978-521-7300 ext. 7321 or [sales@hxi.com](mailto:sales@hxi.com).**

**HXI is a subsidiary of Renaissance Electronics Corporation.**

## Scholarship Recipients

For the past 12 years Renaissance has endowed scholarships at Nashoba Regional High School (Stow, Bolton, Lancaster) and Acton/Boxborough High School (Acton and Boxborough).

Every year two students from each of these schools are selected for the scholarship award.

To be eligible, students must have financial need, plan to pursue a college program, demonstrate academic excellence in math, science and the arts and display concern for fellow students and the community at large.

This year's recipients are:

From Nashoba Regional High School  
Yivan Jiang (attending Columbia University, NY)  
Emily Trudeau (attending University of Vermont, VT)

From Acton-Boxborough High School  
Bryan Yang (attending Yale University, CT)  
Grant Megalis (attending Hamilton College, NY)



*Tom Kurian, President and CEO of Renaissance/HXI, with two of the awardees from Acton/Boxborough High School.*

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