

## ROBERT M. LOUTH, PE, RCDD, CTS, ECSE Principal



Rob Louth is at the forefront of developing and leading Altieri's Information Transport Systems (ITS) initiatives.

Rob joined Altieri in 2006. His expertise includes all phases of lighting, power, low voltage systems including security, audio visual (AV) and ITS. He is a licensed electrical engineer as well as a BICSI-certified Registered Communications Distribution Designer (RCDD), Certified Technology Specialist (CTS), and Ekahau Certified Solutions Engineer (ECSE). ECSE Design certification holders are trained in gathering accurate network requirements, creating predictive wireless designs, performing spectrum analysis, troubleshooting, and surveying network performance.

Rob has extensive experience in the design and implementation of ITS and electrical systems for a broad range of facilities including K-12 schools, college and university buildings, cultural programs, and large-scale campuses such as The National WWII Museum in New Orleans. He leads the development of electrical systems and ensures design of environmentally responsible electrical controls. He also leads development of ITS, as well as AV and Security as required by project scope.

### Education

The Pennsylvania State University, 2003  
Bachelor of Science, Electrical  
Engineering

### Registrations & Certification

Professional Engineer-Electrical CT, NY  
Registered Communications Distribution  
Designer (RCDD)  
Certified Technology Specialist (CTS)  
Ekahau Certified Solutions Engineer  
(ECSE)

### Professional Affiliations

AVIXA  
BICSI  
Mid-Atlantic Association of Museums

### Presentations

*Leveling Up Your ITS Design by Leveraging  
Software Design Tools to Your Advantage*  
BICSI Conference & Exhibition, 2023

### Select Project Experience

Bard College Performing Arts Lab, Annandale-on-Hudson, NY  
Barnes Foundation, Philadelphia, PA  
Dartmouth College, Hood Museum of Art, Hanover, NH  
Detroit Music Hall, Detroit, MI  
Dubuque Museum of Art, Dubuque, IA  
Eastern Connecticut State University, Fine Arts Instructional Center, Willimantic, CT  
Far Rockaway Library, Far Rockaway, Queens, NY  
Friends Seminary, New York, NY  
Glenstone Museum, Potomac, MD  
Harvard University A.R.T. Center for Theater Research and Performance, Allston, MA  
Horace Mann School, Pforzheimer Hall, Bronx, NY  
Jewish Theological Seminary, New York, NY  
The Lockwood-Mathews Mansion Museum, Norwalk, CT  
MIT Metropolitan Warehouse, Cambridge, MA  
National Constitution Center, Philadelphia, PA  
The National WWII Museum, New Orleans, LA  
New Orleans Museum of Art, Besthoff Sculpture Garden, New Orleans, LA  
New-York Historical Society, New York, NY  
New York University, Bobst Library, New York, NY  
The Obama Presidential Center, Chicago, IL  
Phillips Exeter Academy, The Goel Center for Theater and Dance, Exeter, NH  
Saint John Paul II National Shrine, Washington DC  
The Spence School, New York, NY  
Sunnyside Studios, Woodside, NY  
United States Golf Association (USGA), Far Hills, NJ  
University of Connecticut, Fine Arts Instructional Center, Storrs, CT  
University of Florida, Harn Museum of Art, Gainesville, FL  
West Haven High School, West Haven, CT  
Wildflower Studios, Astoria, NY  
William King Museum of Art, Abingdon, VA  
Windgate Galleries, University of Arkansas, Fayetteville, AR  
Yale University, 24 Hillhouse Avenue, New Haven, CT  
Yale University, 37 Hillhouse Avenue, New Haven, CT  
Yale University, Adams Center for Musical Arts, New Haven, CT  
Yale University, Sterling Memorial Library Study, New Haven, CT