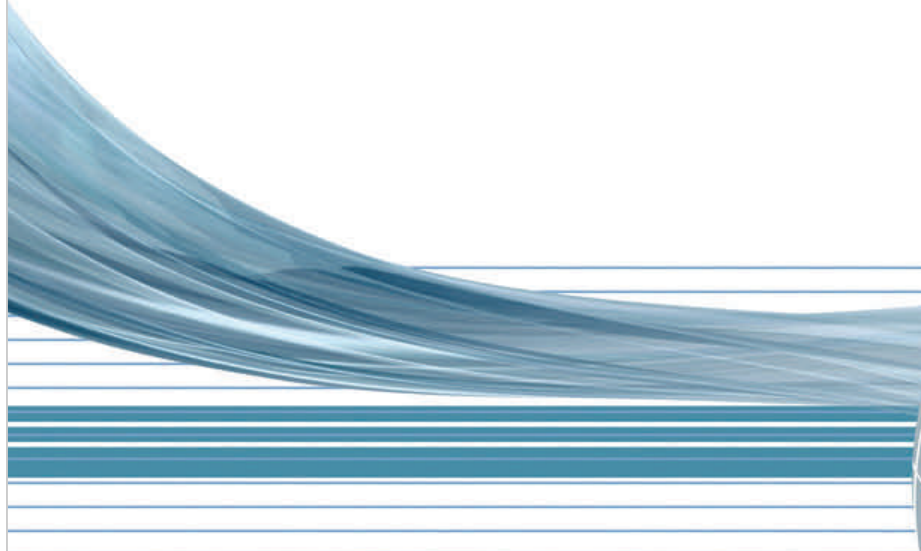


THE NEW ENGINEERING STANDARD



WHERE INFORMATION TECHNOLOGY AND BROADCAST CONVERGE



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2002—2005
WINNER OF INDUSTRY EXCELLENCE AWARDS FOR
BROADCAST ENGINEERING AND DESIGN

CEI—YOUR TECHNOLOGY PARTNER

Professional engineering design is at the heart of every great communications technology and CEI, an award winning US company, is at the forefront of the greatest communications revolution of our time—the rise of digital media.

From the beginning, CEI has recognized the convergence of broadcasting, computer technologies and telecommunications. So, we have combined some of the best expertise and talent in the industry to create a new standard for engineering services in this, the Digital Age.

Digital technologies present huge opportunities and challenges for every organization because, for the first time, we can interact and share media directly with our own unique audiences whether it be television viewers, mobile phone users, customers or employees.

As increasing numbers of organizations embrace and use digital communications technologies, all will face the same challenge — to design an engineering platform that not only represents ‘best value’ for money but encapsulates their digital vision and provides a solid architecture for the future.

For almost twenty years, Communications Engineering Inc. (CEI) has been doing just that — building and supporting some of the world’s most advanced media networks. A professional Digital Systems Integration company, CEI’s expertise spans the globe, providing audio, video and data communications solutions to both industry and government.

Our mission is simple — to design and build the best digital communications solutions for our clients. From concept to deployment, CEI is a reliable technology partner that will provide you with the highest possible professional management and engineering services.

CEI continues to set the benchmark by which all others are measured.

Lawrence S. Brody President and CEO



CEI— PROFESSIONAL PROJECT MANAGEMENT

CEI delivers successful Broadcast and Information Technology Design Projects because they are embedded in professional program management standards.

We've taken two decades of engineering excellence and combined them with leading industry standards to create a set of Program Management processes that not only enable CEI to consistently repeat success but provide comprehensive support to our engineering teams.

This approach allows CEI to deliver an unambiguous road map for clear communication, cost control, risk mitigation and timely resource management.

Every CEI Project Manager is a seasoned engineering professional, expert in the management and design of Professional Broadcast and Information Technology systems. They will help formulate your vision, determine your organization's technology requirements and deliver projects that are on-schedule and on-budget.

From inception to completion, CEI's Professional Project Stewardship guarantees :

- An efficient project definition process
- The selection of the right CEI engineering specialists
- Centralized project management tools for coordination
- Project evaluation, analysis and control
- Fast and effective communication of results



CEI DESIGNED PRODUCTION CONTROL CENTER—NEW YORK

CEI—AWARD WINNING SYSTEMS ENGINEERING AND DESIGN

CEI creates robust, low-risk turnkey engineering solutions that meet your requirements quickly and seamlessly providing unparalleled performance and support.

CEI's engineering experience encompasses a full spectrum of broadcast and telecommunications projects. CEI clients include:

- Major US and International Television Networks (PBS, NBC, ABC, Fox, BBC)
- Global Satellite and Cable Networks (Rainbow Communications Networks, Direct TV, Discovery, Bloomberg)
- Telecommunications Providers (Verizon, Americom, Hong Kong Telecom)
- Government
- Defense

CEI engineers are expert in the analysis, design, development, installation, operation and management of communications systems. They are focused and driven by their client's goals to deliver innovative solutions that incorporate all of their technical, operational and business considerations.

Our planning and engineering process embodies a time-tested, systematic approach that addresses the key long-term issues existing in today's complex and evolving digital communications industry. Every CEI solution is accompanied by comprehensive documentation and drawings. Using the latest design tools and techniques the CEI Design Package includes: Systems, Functional, and Mechanical Drawings as well as Console Ergonomics and Equipment Thermal Analysis .

CEI is proud to have some of America's top engineers on its team. Together, they provide our clients with one of the richest and most experienced pools of engineering expertise in the world, embracing: Electrical Engineering, Professional Audio and Video, Data Storage and Archive, Digital Signal Processing, Fiber Optics, Satellite/Broadband Communications and IP-centric networks.



CEI DESIGNED FOX NETWORK OPERATIONS CENTER

CEI—PURCHASING POWER

Today, Purchasing Strategy is a key determinant of project success.

Identifying the right combination of technology, at the right price will often shape the size and scope of your project. No matter how grand or small your vision, CEI's Purchasing Specialists are there to help you realize your plans.

Perhaps you already know what equipment you will need. Perhaps you need some help deciding. Either way, our Purchasing Specialists make it their business to search for the most reliable and best valued technologies in today's market place.

CEI is a premier supplier of all leading professional broadcast, audiovisual equipment and information technology manufacturers. CEI is also an independent Systems Integrator - that means you choose the technology you want from our comprehensive portfolio of best-of-breed systems solutions.

And, when it comes to meeting customer expectations, CEI's capabilities reach far beyond equipment identification and purchasing. We believe in end-to-end Quality of Service, so when you place your order with us, the next set of CEI best business practices are set in motion.

Every client component, handled by CEI, is given a unique ID. The equipment is bar-coded and tracked—providing full transparency and control. The information associated with each assembled sub-system is also collated and placed within each fabricated unit so engineers can easily identify components, their history, and how they've been configured.

Equipment is then retained in CEI's secure, climate controlled storage center before being boxed for impact protection and shipped to your installation site.



CEI DESIGNED DISCOVERY PRODUCTION SUITE

CEI—QUALITY FABRICATION AND INSTALLATION



CEI offers a comprehensive range of engineering fabrication and test services to support all of your project needs. We will work with you to solve even your most difficult technical problems.

Housed within a purpose-built 28,000 sq. ft state-of-the-art building, CEI's Fabrication Center in Newington, Virginia, USA, uses leading design technology to assemble and test complex systems for digital broadcast and communications facilities.

CEI-designed satellite and network operations centers, control rooms, server farms, networks and specialized broadcast mobile units have all passed through the hands of CEI's experienced installation engineers. They coordinate the activities of trained installers to meet CEI's exacting quality standards often in demanding time frames.

CEI Fabrication and Installation Services include:

- Assembly
- Configuration and testing
- Analysis and trouble-shooting
- Systems prototyping

CEI's automation systems are used extensively to guarantee repeatable precision cable stripping, terminations, labeling and testing for high volume projects. When mobilized, our CEI on-site project supervisors and installation crews finish your custom installation in preparation for engineering start-up and testing.

CEI Installation Engineers work in close coordination with our Project Managers, Design Engineers and Purchasing Specialists to provide an efficient and timely resolution to all customer issues.

Attention to detail, quality assurance and control are key.



CEI FABRICATION ENGINEERING

CEI—RELIABLE SERVICE, SUPPORT AND TRAINING

CEI provides a comprehensive Maintenance and Repair Support Program for every installation in addition to general engineering support services.

All of our Service, Maintenance and Repair staff are full-time professional CEI Broadcast and IT engineers offering:

- Remote Technical Support
- Online Customer Support
- On-site Technical Support
- Repair and Exchange Services

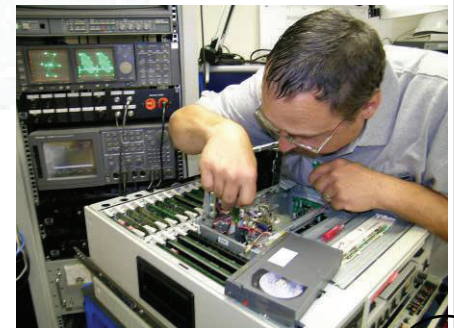
CEI's Maintenance and Support Services are supported by a 1-800 CEI Help Line where all customer calls are managed and tracked. Clients may also use our web-based project information tool—CEI Communicator—for online support.

In addition, CEI operates an “Our Labs Are Your Labs” policy where our diagnostics equipment and facilities can be made available to your organization for Research and Development. Many clients take advantage of this to help develop new communications technologies and systems.

CEI Service Engineers also assist with your legacy technology as we have one of the most comprehensive product information libraries in the industry dating back some twenty years.

When it comes to preparing your staff to use and support your new system, CEI will deliver a full training and documentation package that includes:

- On-site resident expertise for one-on-one mentoring,
- Train-the-trainer sessions
- Classroom based instruction



CEI SERVICE AND SUPPORT ENGINEERING



WHERE INFORMATION TECHNOLOGY AND BROADCAST CONVERGE

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