

CASE STUDY

GLOBAL ELECTRONICS & ELECTRICAL ENGINEERING COMPANY MEETS SOFTWARE CHALLENGES WITH CUSTOMIZED AUTODESK REVIT MEP TRAINING SOLUTION

By NETCOM LEARNING

The Client

The client is a global multi-billion-dollar company specializing in electronics and electrical engineering, and focused on delivering expert electrification, automation and digitalization solutions worldwide. The company is an eminent provider of power generation, transmission, and medical diagnosis systems. A well-known producer of highly energy-efficient and resource-saving technologies, the client is the world's largest company in this domain. It is extraordinarily successful in providing niche infrastructure solutions in the industry with approximately 377,000 employees in more than 200 countries.

The Requirement

The client company had already adopted the Autodesk Revit software application to perform their routine functions in creating product models. But to keep pace with the new advancements in their products, the client needed to upskill its employees, including engineers and technical modelers, with the newer version of Autodesk Revit MEP. The challenge was to enable the company and its staff to more efficiently and expertly use Autodesk software for 3D Modelling, as well as modifying crash reports, etc.

The client approached NetCom Learning, seeking a workable solution for employee skill enhancement. The company training coordinator suggested the need for a specific course outline to meet the precise requirements of the company.

The Challenge

The client intended to design a customized training solution that could help employees gain updated skills on the Revit MEP. The involved challenges were:

- Strategizing a single training solution for both technical and non-technical people on how to utilize the product modeling capabilities of the software for enhanced productivity, as well as manage their product modeling projects
- Delivering the customized training with a strict topic-based outline suggested by the client's training coordinator
- Enabling the staff to acquire the necessary skills to help them address challenges using the current application version
- Training the client's staff at their location on the cutting-edge Autodesk Revit MEP software

The Solution

NetCom Learning assessed the learning needs of the client company and analyzed the conditions described by the client. Certified training experts designed an exclusive and customized training solution for the client, catering to stringent guidelines, to upskill the staff on Autodesk Revit MEP 2012.

Revit MEP is a widely-used software application by architects and contractors in the building industry, particularly for engineers who focus on mechanical, electrical and plumbing (MEP) design.

The primary highlights of the delivered solutions included:

- A customize onsite training at the client's location for 12 participants
- A 4-day Autodesk Revit MEP 2012- Essential & Intermediate training course
- Customized training to deliver custom content, including topics specific to BMS 3D Model, running crash reports, locating devices in the model (such as temperature control devices: valves, dampers, temperature sensors; and fire alarm devices such as horns, strobes, etc.)
- Training the client's staff on technical as well as non-technical aspects of the software with hands-on exposure
- Providing all training resources, including laptops and books

With the tailor-made Autodesk Revit MEP curriculum, NetCom Learning successfully delivered this training through a certified and highly-experienced Autodesk Revit instructor.

Impact & Benefits

NetCom Learning, being an authorized Autodesk Training Center (ATC), efficiently managed to render the advised training solutions. NetCom Learning supported the client in developing a highly-skilled workforce, thus contributing to greater company efficiency.

The key impacts of the delivered training solutions include:

- Across-the-board and hands-on technical training to the client's staff, including engineers and technical modelers
- Helping the staff gain expertise with new software features and toolsets while updating to the newer version
- Providing non-technical staff with an understanding of information modeling in mechanical, electrical and plumbing design, thus improving the relationship with facilities management
- The client reporting a significant improvement in work efficiency shortly after the training and that employees were able to meet the challenges they previously had with the Autodesk Revit.

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NetCom Learning is an award-winning global leader in training, learning solutions, and talent development. Since 1998, we've been in the business of helping organizations reach optimal performance results and address challenges by managing all aspects of organizational learning.

With a team of dedicated and knowledgeable learning professionals having deep subject-matter expertise, NetCom Learning has serviced over 80% of Fortune 100 companies. We've helped over 10,000 organizations achieve their business goals by offering a full complement of Managed Learning Services, including IT and business training, curriculum design and content development, learning delivery and administration, consulting and advisory services, and management of learning technology.

We believe that an organization's ability to learn—and translate that learning into rapid action—is the ultimate competitive advantage.



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