IT and Software team works together with ACECOMS to extend services in customized software solutions specific to the technical and engineering applications and deliver expert training programs as well as support for selected international software.

We develop PC, web, mobile and cloud based solutions which support the following domains: engineering; education; conservation; social engagement; tourism; innovation.

The Asian Center for Engineering Computations and Software (ACECOMS) was established in 1995 as one of the first centers of excellence at the Asian Institute of Technology (AIT).

Scope of Services

**Research and Analysis**

Preliminary study of existing market and future trends

**Design**

Software user interface and required features are designed and reviewed with the client.

**Requirement Gathering**

Stakeholder meetings are conducted to review existing software and application and define the required software specification.

**Development, Testing, and Deployment**

The developed features are tested and delivered periodically for the client to operate and give feedback or request for changes.

**Tracking and Monitoring**

Periodically track and monitor that the deployed software is working as agreed.
The overall usage of the software developed included aspects that guide from the initialization of the project and setting design criteria to the preparation of final print drawings, design report, etc. The overall program usage also includes generating roof canopy model; adding/defining trusses, rafters etc, analysis of truss design, review of truss analysis and design results, and generating drawing details. The program also includes the option for editing trusses, and drawing details.

ETABS® and SAP2000® Cloud Viewer is a model and analysis results viewer app to complements the desktop version of the building analysis and design programs, ETABS and SAP2000.

The app allows users to view their structural models and analysis results directly from a smartphone or tablet. It enables engineers and managers on the go to make quick, collaborative, and informed decisions about a building project from anywhere in the world.

**Key Projects**

**CSI Cloud (ETABS AND SAP2000)**

CSI Cloud cross-platform application

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**TrussTraChang**

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Village of the Future (VOTF)

VOTF is a collaborative program initiated by Xyntéo, to bolster village kiosks or community centers to empower individuals and communities to improve villagers’ livelihood and life quality and create better, more inclusive growth, while at the same time strengthening partners’ last-mile engagement to rural communities.

AIT Online Learning System

The AIT Online Learning System is a system that aims to deliver courses online while giving the students the same learning experience as classes taught inside a classroom. The system allows AIT students and faculties to share their knowledge online.

Traveliko

Traveliko is an Online Travel Agent (OTA) by hoteliers for hoteliers that is focusing on giving hotels and travelers excellent service at a reasonable cost. The difference between Traveliko and other large OTA’s is that there are no high commissions and restrictive rules.
Established in Bangkok in 1959, AIT is a leading regional postgraduate institution and is actively working with public and private sector partners throughout the region and with some of the top universities in the world.

AIT's academic programs are provided by the three schools, with many fields of academic study and research areas, over one hundred highly qualified faculty members and researchers, and numerous Centers of Excellence that support the various functions of the institution.

**AIT Solutions (AITS)**

Asian Institute of Technology (AIT)

AIT Solutions aims to increase the spread of AIT's science and technology knowledge, establish higher science, engineering and technology standards, develop innovative technology solutions and collaborate with institutions for sharing knowledge, information, experience and expertise in order to achieve its vision of enhancing the application of science and technology for development. We provide an integrated link to meet the requirements of the client in various capacities by utilizing the resources and capabilities available within AIT, as well as its partner institutions and other linkages.

<table>
<thead>
<tr>
<th>STUDENTS</th>
<th>1,800</th>
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<tbody>
<tr>
<td>FROM</td>
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<td>47 COUNTRIES</td>
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<td>Branch++ is a software developed for the heuristic design of water distribution networks. The original Branch software was developed in QuickBasic.</td>
<td>Plant is a full-featured program that provides comprehensive and advanced tools specialized in pipe stress analysis and structural analysis.</td>
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</table>
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