



TIBET

Pathways to your future.

iTWO cost~~o~~

**THE INSTITUTE OF BUSINESS,
ENGINEERING & TECHNOLOGY**



iTWO costX is a high performing tool used by professionals across the industry and widely used overseas to improve accuracy and efficiency. Therefore, a sound knowledge of this software will increase individual and organizational productivity and is a must for all engaged in measurement and estimation.

Increased Productivity - With system like CostX , one can leverage intuitive technology to reduce human error. Streamline 2D and 3D/BIM takeoff with live-linked quantities, and have multiple users in the same office or different regions working on the same estimate simultaneously. Save time, win more work Ultimately, speed and productivity will be the differentiating factors for a profitable business.

Increased Accuracy - Productivity alone is meaningless without efficiency. CostX understands the intelligence in 2D drawings. excel - like formulas and functions can be manipulated for precise calculations. Using computer -aided estimates where takeoff data is extracted and linked directly into the estimating process in not only more accurate, but also saves the time and possible errors that come with having to re-enter information

Consistency - Standardises the estimating process by enhancing cohesiveness. CostX administers consistency throughout your business. this promotes a more centralised business model enhancing communication while greatly diminishing disputes amongst colleagues. Apply previous projects or prebuilt models as benchmarks for current bids to reduce overlap and increase consistency



Presentation - Delivers concise presentations. In today's technology driven environment, companies are leveraging software to deliver a higher level of professionalism. CostX is an all - in one estimating software providing graphical reporting which can comprise of subcontractor comparison, model revisioning, and sourcing criteria. Display 3D BIM mode is integrated with their associated 2D sheets and show alterations in real time.

Future proof - with BIM becoming more and more important in the industry, it is crucial that one ensure business is future - proofed with BIM -compatible software. CostX is a solution that allows one to do BIM & 2D takeoff in the same program - meaning users can make the switchover at an optimal pace - able to support BIM models when received, but still able to supplement with 2D drawings where required.



TARGET PROFESSIONS

- ▶ Quantity Surveyors
- ▶ Construction Measurement and Estimation Personnel
- ▶ Construction Managers
- ▶ Construction Industry Professionals

OUR TRAINING PROGRAMME

The Training is designed to teach you the Exactal CostX functionality as you would work with it throughout the measurement and estimation process. You begin by learning to add drawings, drawing navigation, drawing tools, dimension groups, 2D measurement techniques & shortcuts, drawing outputs. We will thereafter proceed to workbooks learning to add workbooks and items to workbooks, quantity sheet build ups, workbook tools, rate, sheet build ups, workbook exports. you will learn using and creating rate libraries, locations, rates & rate libraries, rate library maintenance in system administration. default rate libraries. Creating zones, measuring dimensions into zones, using zones in workbooks. Finally, you will learn to add BIM & 3D drawings, 3D drawing navigation, automated and manual measurement, drawing revisions, additional model-based parameters and properties, introduction to IFC files. Link to obtain the education software will be provided by us.



The main topics include:

- Getting Started
 - Opening CostX and navigation
 - Creating a new project
 - Creating a new building
- Measuring & Workbook
 - Adding, calibrating & manipulating
 - Adjusting drawing layers
 - Comparing drawings
 - Creating a new dimension group
- Elemental Unit Measurement
 - Taking area measurements
 - Taking length measurements
 - Taking count measurements





■ Preparing a cost Estimate

- Workbook navigation
- Dragging & dropping dimensions
- Creating a rate library and adding a new rate item
- Recalculating a workbook
- Importing CostX template files
- Creating a new building based on existing building or template

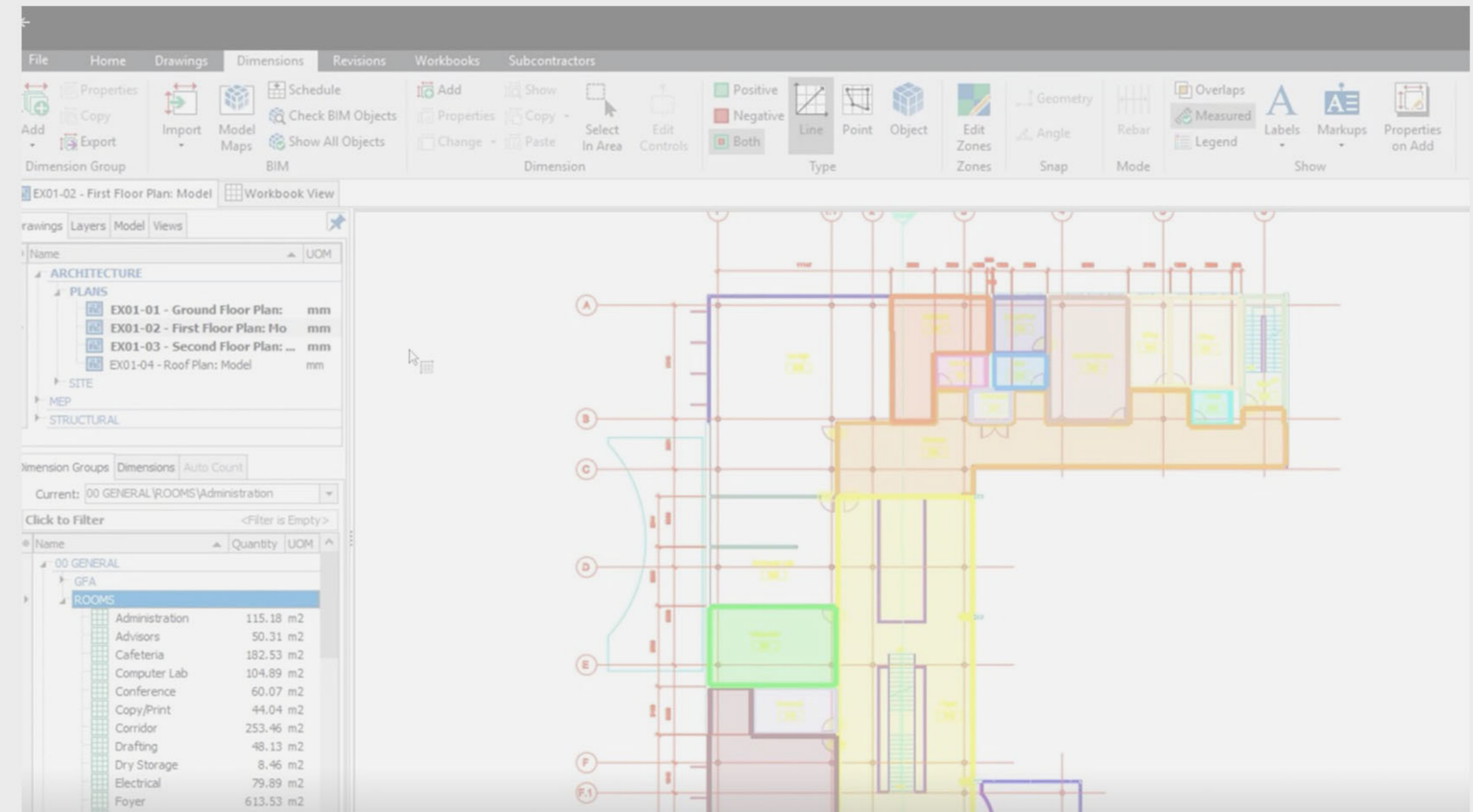
■ Reports

- Exporting dimensions to excel
- Printing workbook sheets to a report
- Generating CostX reports

■ External data & system administration

■ 3D Measurement

- Adding 3D BIM model drawing
- 3D Model manipulation, tools
- Creating a new dimension group
- Importing dimension using a 3D template from 3D drawings
- 3D Measurement





We are TVEC registered institute and learners who complete the course are issued with a useful certificate which may be attested by them.

PREREQUISITES

An understanding of measurement and estimating. when choosing an operating system for use with CostX, 64 -bit operating systems are preferred particularly when working with large drawings.

CostX still supports both 32-bit and 64-bit, but in future, CostX will transition to only supporting 64-bit. It is therefore recommended that customers still running CostX on 32-bit computers start planning for the transition to 64-bit as soon as possible.

Windows Versions

windows 7 - Windows 8 - Windows 8.1 - Windows 10

NOTE: Windows RT is not supported.

Mac OS X

CostX is currently not supported on the native Apple Mac operating system 'OS X', however it is possible to run windows on Apple Mac hardware using an Apple utility called Boot Camp or using Virtual machine software such as parallels or VMWare. please refer to the Apple website for details about running windows on a Mac (<http://www.apple.com>) As with a PC computer, the Mac hardware and Windows operating system installed must meet the stipulated system requirements. the training Course can be delivered in 25 hours. in addition to the lecture hours, practical hours and self-study hours Will be required to obtain a thorough knowledge of working with costX. We will Strive to deliver 3 hours of lectures/practical at each session.



LEARNING OUTCOMES

On completion of the training, the learner should be able to:

- Understand the relevance and application of CostX software in professional Practice
- 2D Measuring and Estimating with CostX
- 3D Measuring and Estimating using costX
- Preparing cost Estimates with CostX
- Understand Autorevisioning; Working with Workbooks
- Reporting

RATE LIBRARIES

3D BIM

2D TAKEOFF

REVISIONING

SUBCONTRACTOR
COMPARISON

WORKBOOKS



TIBET CAMPUS

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