

CORE(®) University Edition 5.0

README file

Please read this document before installing the CORE University Edition 5.0. It includes important information that is not covered in the installation instructions. Topics addressed include:

- University Edition Features
- Installing University Edition 5.0
- Registering the University Edition Installation
- CORE Online Help and Documentation
- Sample Solutions
- Important Notes
- Technical Support
- Making Product Suggestions

If you have questions after reviewing this document, or if you encounter any problems while installing or using CORE, please contact Vitech Customer Support at: 540.951.3999 or support@vitechcorp.com

University Edition Features

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This edition of CORE is provided under special agreement for University use only. For a more detailed evaluation, please e-mail our University Program Manager at: universityprogram@vitechcorp.com.

The following table has been provided to explain the differences between the University Edition of CORE and the commercial licenses available.

Functional Capabilities	University License	Commercial License (Workstation and Enterprise)
Multi-user access controls		X
Data exchange with other tools		X
Consistency Checks	X	X
Completeness checks	X	X
Customized tabular output	X	X
IDEF0 Node Index	X	X
System Description Document	X	X
Database Statistics Report	X	X
Web Page output	X	X
Data base size	200 objects for each data class	Unlimited
Custom Reports		X
Simultaneous projects		X
Schema Changes	Limited	Unlimited
Architecture Frameworks (DoDAF)		X
Government Specifications		X
Model-Based Systems Engineering	X	X
Business Process Modeling	X	X
Comprehensive Traceability	X	X

Functional Capabilities	University License	Commercial License (Workstation and Enterprise)
Behavior modeling and analysis	X	X
Behavior model simulation	X	X
Embedded simulation operands		X
Resource modeling	X	X
Requirements Management and Analysis	X	X
Risk Management	X	X
Program Management	X	X
Verification and Validation	X	X
Work Breakdown Structures	X	X
Product/Component Structure	X	X
Item and Data flow	X	X
Model Integration	X	X
Import and export of change files		X
CSV import and export capabilities		X

This edition mimics the commercial editions with the following exceptions:

- The software and activation key expires in alignment with the instructor's class schedule
- The capability to save an image file, which stores the data with the program in order to eliminate the import/export cycle, has been disabled
- Import/export database files are in binary format instead of ASCII
- The capability to maintain a recovery log is disabled
- A subset of reports are available, including
 - Queries and Consistency Checks
 - * Item Consistency
 - * Keyword Search
 - * No Descriptions Query
 - * Open Issues Query
 - * Recursion Query
 - * Unallocated Leaf-Level Function Query
 - * Unallocated Leaf-Level Requirements Query
 - * Unverified Leaf-Level Requirements Query
 - Systems Engineering
 - * Generic Table Output
 - * IDEF0 Node Index
 - * System Description Document (SDD)
 - Other
 - * Database Statistics Report
 - * Schema Definition Report
 - * HTML Report
- The capability to create and modify report scripts is disabled.
- The Administrative Tools, which allows multiple users and groups to be created and provides other administrative functions within the CORE environment, is disabled
- Users are limited to one project

- Each Class is limited to 200 elements
- Users are limited to the number of schema extensions identified below, however, users are free to define unlimited numbers of attributes and relationships:
 - 2 additional classes
 - 4 additional relations
 - 1 additional facility

For More Information, Contact:

Vitech Corporation
at 703.883.2270
info@vitechcorp.com
<http://www.vitechcorp.com>

To Install the CORE University Edition 5.0
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The CORE installation program is a Windows-Based application and must be executed in Windows. Download the University installation from the Vitech website www.vitechcorp.com and launch the program. You will then be guided through a Step-by-Step process.

Step 1

The installer will prompt you to accept the terms of the license agreement. If you accept this agreement, select YES. If you do not accept this agreement, promptly return this software and the accompanying items (including written materials and other containers) to the place you obtained them or delete the file if it was downloaded from the website.

Step 2

The installer will prompt you for your name and organization.

Step 3

The installer will ask for the directory in which CORE should be installed ("C:\Program Files\Vitech Corporation\CORE University 50" is the default). DO NOT install CORE 5.0 into the same directory as any existing CORE installation.

Step 4

Next, you will be prompted to select the default paper size used by CORE reports. Options are either US Letter or A4 paper size.

Step 5

Next, select the Install button to transfer the files to your computer. Select Finish to exit the Installation Wizard.

Notes

The installation program will create a new program group entry on the start menu with the title "CORE University Edition 5.0". It contains an icon labeled "CORE University Edition 5.0". To run CORE, simply click on this menu item.

Uninstalling CORE 5.0

To remove the CORE 5.0 University Edition from your system, select Add/Remove Programs from the Windows control panel. Select CORE University 5.0 from the list of applications available to uninstall and click the Add/Remove button. Follow the instructions provided by the installer to remove the application.

Registering the University Edition Installation

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The "Register CORE University Edition" dialog will appear when the University Edition 5.0 software is run for the first time. This dialog will prompt for a Activation Key. Enter the Activation Key received from Vitech into the Activation Key field on the "Register CORE University" dialog, and select the OK button.

If you downloaded the software directly from the Vitech website, an email message including an activation key was sent to the email address you provided when you registered. If you obtained the software elsewhere or did not receive a key via email, you can request an activation key by clicking the "Request Key" button on CORE's registration dialog, which is displayed when you launch the application for the first time, or from Vitech's website at <http://www.vitechcorp.com/register/>

If you have any problems obtaining a key, please contact Vitech Customer support as instructed at the end of this document or contact the University Program Manager at universityprogram@vitechcorp.com.

CORE Online Help and Documentation

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The CORE user reference guide is accessible as an online reference available from within CORE Workstation or CORE Enterprise Client. To access context sensitive help from a specific window, simply click in the window and press the F1 function key. If you prefer to navigate by volume, flip through the index, or simply perform an electronic search, the online help will meet your needs.

Located in the newly created University Edition 5.0 program group entry on the Start menu are shortcuts to CORE documentation. Adobe's Acrobat Reader is needed to view this documentation. You can download the latest version of Adobe Acrobat Reader free of charge at <http://www.adobe.com>.

- * What's New
- * CORE System Definition Guide
- * CORE Icon Reference Guide

Sample Solutions

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The Samples directory within your University Edition installation provides sample definitions of an Image Management System and a Fast Food Restaurant in ImageManagementSampleProblem.a50 and FastFoodSampleSolution.a50, respectively. These files can be imported into CORE to view and manipulate. A requirements source document has been provided for each sample (i.e., ImageManagementSampleProblem.doc / ImageManagementSampleProblem.txt and FastFoodSampleSolution.doc).

The sample directory also contains files for the elevator problem used in Dr. Dennis M. Buede's book, *The Engineering Design of Systems: Models and Methods* (Wiley-Interscience 2000, ISBN 0-471-28225-1).

Important Notes

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For more Information contact the University Program Manager at universityprogram@vitechcorp.com or our customer support desk at support@vitechcorp.com.

Customer Support

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If you should encounter a problem with the software (either an error, a deficiency, a feature that works in a manner other than you expected, or a problem with any associated documentation), please notify us via e-mail, phone, or fax as indicated below. Any information you can provide in your report regarding the hardware and software configuration of the host machine, the circumstances in which the problem occurred, conditions to reproduce the problem, and such test data as you can reasonably provide to assist Vitech in reproducing the problem would be greatly appreciated.

Making Product Suggestions

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We hope that you enjoy the new capabilities of CORE 5.0. All customer observations and recommendations are valuable to us.

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