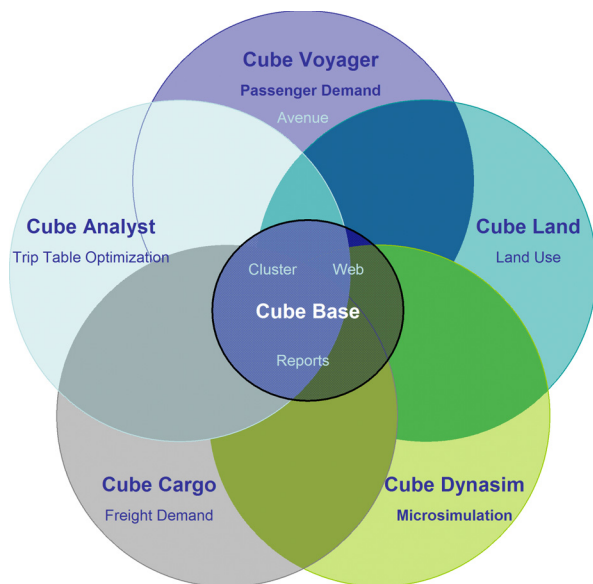


Building Cube

Understanding the Cube software suite

Cube, like many software suites, offers multiple modules that provide different functions for different tasks. Users only need to acquire the modules that they need to complete their tasks, reducing their costs. Of course, understanding the modules and how to combine them can be confusing. This document explains your options and how you can create your own Cube.



What is Cube Base?

Cube Base is the core platform. It includes the user interface through which you access any purchased modules. Cube Base also provides the conduit to ArcGIS. All users must acquire Cube Base.

You can purchase optional extensions to increase the Cube Base feature set:

- **Cube Reports** — Adds advanced, high-quality reporting and charting
- **Cube Cluster** — Adds functions that enable model processes to run across multiple computer processors, either within one or on multiple personal computers.
- **Cube Web** (*available late 2006*) — Allows users to access their model system through a standard Web browser

What are the Cube modules and what do they do?

Cube modules provide libraries of programs that allow you to complete specialized tasks. Available modules include:

Citilabs, Inc.
312 Clay Street, Suite 180
Oakland, California 94607, USA

World Wide Web
www.citilabs.com

Copyright © 2006 Citilabs, Inc. All rights reserved.
Citilabs is a registered trademark of Citilabs, Inc. All other brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

Many factors contribute to the results described. Citilabs does not guarantee results for all customers. Citilabs has carefully reviewed the accuracy of this document, but shall not be held responsible for any omissions or errors that may appear. Information in this document is subject to change without notice.

- **Cube Voyager** — Library of programs for forecasting urban, regional, and long distance passenger travel demand.
You can purchase an optional extension for Cube Voyager:
 - **Cube Avenue** — Adds advanced dynamic traffic assignment or “mesoscopic assignment” to Cube Voyager.
- **Cube Dynasim** — Library of programs for multimodal microsimulation. Cube Dynasim can import data from Cube Voyager and Cube Avenue.
- **Cube Cargo** — Library of programs for forecasting regional and long distance commodity flow and truck demand.
- **Cube Analyst** — Library of programs for estimating and optimizing trip tables from traffic counts and other survey data.
- **Cube Land** (*available early 2007*) — Library of programs for forecasting land use.

Are your products sold by site or by seat and what are the options?

Citilabs sells all products per user or per seat. Citilabs has several license options. There are two types of licenses:

- Full licenses
- Restricted licenses

Full Licenses

Full licenses allow unrestricted model sizes. There are two types of full licenses:

- **Desktop** — A product license for one personal computer. You can install the license and software on multiple computers, but you must insert the supplied hardware key (USB or parallel) into the computer to enable the license and software. All products are available with a desktop license.

- **Server** — A product license stored on a central server and shared among multiple computers. Users “check out” the license from the server. The server assigns the license to that user’s specific computer. When the user closes Cube, the license returns to the server for reuse. All products except for Cube Dynasim are available with a server license.

Restricted Licenses

Restricted licenses are less costly, but have restricted functionality. There are several types of restricted licenses:

- **Node** — Low-cost option for running models across multiple processors. Used with Cube Cluster and at least one full license of Cube Voyager.
- **Compact** — Low-cost option for small and medium-sized cities. Includes license of Cube Base, Cube Voyager, and Cube Analyst. Limited to 250 zones, 5,000 links, and 5,000 nodes.
- **Research** — For research purposes only. All products are available with a research license.
- **Academic** — For teaching courses at universities. All products are available with an academic license.

I'm still confused. Can you give me some examples?

Example 1: An agency wishes to develop and run an urban travel forecasting model. The agency would acquire Cube Base and Cube Voyager.

Example 2: An agency wishes to develop and run an integrated model of passenger, freight, and land use. The agency would acquire Cube Base, Cube Voyager, Cube Cargo, and Cube Land.

Example 3: A consulting firm wishes to develop and run urban travel models across a cluster of ten linked personal computers. The consulting firm would acquire one seat of Cube Base, one

seat of Cube Voyager, one seat of Cube Cluster, and nine node-license seats of Cube Voyager.

Do you offer discounts if I acquire multiple seats?

Yes, we offer a 25% discount on seats 2 through 5, and a 50% discount on seats 6+. We offer these discounts during your initial purchase and also during the period that your software is under current software maintenance.

How do technical support and software updates work?

All desktop, server, node, and compact licenses come with 90 days of software maintenance. "Software maintenance" provides clients with telephone and e-mail support for using the software, and includes any updates or new versions of the product released during the maintenance period. Citilabs sells additional years of software maintenance. The price varies by product and the number of seats that you own.

Cube is an innovative and market-leading solution developed by Citilabs—the leader in transportation planning software solutions.