

Voss Scientific Inc.

CHICAGO™

High Performance Plasma Physics Simulation Software

Price List

Prices effective 1 February 2024

CHICAGO™ is an advanced three-dimensional fully electromagnetic particle-in-cell (PIC) code designed for executing multi-scale, plasma physics simulations. The code calculates the interaction between charged particles (electrons and ions) and external and self-generated electric and magnetic fields. Advanced field solver techniques combined with multiple plasma models (quasi-neutral, inertial-fluid and fully-kinetic) allow CHICAGO™ to treat large spatial and temporal scales for modeling a wide range of plasma-based devices.

CHICAGO™ code runs on Windows, Mac, and Linux operating systems, and on serial and parallel-configured computers. The CHICAGO™ suite consists of: a graphical user interface which is used to input geometric and other parameters; the plasma physics modeling code CHICAGO™ which executes the simulation; and a graphical postprocessor Aurora for viewing and analyzing results. CHICAGO™ code is export controlled and therefore only sold to a limited customer base.

High Performance Plasma Physics Simulation Software		
Model No.	Price*	Description
CHI-C	\$99,000	Compiled CHICAGO™ Advanced Plasma Physics Simulation suite (referred to as 'CHICAGO™') for use on Linux, Windows and Mac (limited to one cluster), with 12-month maintenance contract. Includes software updates and up to 120 hours of email and phone support. Subject to the terms of the End-User License Agreement (EULA) provided with the product. Export control limitations apply.
CHI-M	\$27,500	CHICAGO™ suite Software Maintenance. Provides additional 12 months of maintenance and software updates with up to 32 hours of technical support via e-mail and phone. Must be purchased with initial license, or during period of an existing maintenance contract.
CHI-ONE	\$60,000	Domestic university customers only: Compiled CHICAGO™ Advanced Plasma Physics Simulation suite (referred to as 'CHICAGO™') for use on one platform only. Choice of Windows or Mac, limited to five users on up to five machines; or one Linux cluster limited to Red Hat Enterprise Linux 8 with up to five users. Includes software updates for 12-months and up to 32 hours of email support. Subject to the terms of the End-User License Agreement (EULA) provided with the product. Export control limitations apply.
CHI-ONE-M	\$15,000	CHICAGO™ suite for Windows, Mac or Linux annual maintenance. Extends existing software upgrade support an additional 12 months. Includes no email or phone support. Must be purchased with initial license, or during period of an existing maintenance contract.
CHI-T40	\$11,000	CHICAGO™ suite Technical Support (prepaid). Up to 40 hours of e-mail and phone support. Only available for CHICAGO™ licenses under a current maintenance contract or active SAS customers, and expires 6 months after date of purchase. Excludes travel.
CHI-SME40	\$15,000	CHICAGO™ suite or CHICAGO™ Circuits Subject Matter Expert (SME) Support (prepaid). Up to 40 hours of in-person, e-mail and phone support by SME. Only available for CHICAGO™ licenses under a current maintenance contract or active SAS customers, and expires 6 months after date of purchase. Travel additional.

420 Washington St. SE • Albuquerque, NM 87108

Phone: (505) 256-1500

CHICAGO™ Software as a Service (CHICAGO™ -SAS) is offered as a fully compiled software tool in which customers submit their plasma physics simulations to a remote secure cluster which runs the CHICAGO™ code and provides data results via high-speed internet. Customers purchase blocks of integer multiples 64-processors each without need of purchasing the code itself, on a prepaid basis. Purchases also include specified levels of technical support.

Remote High Performance Plasma Physics Simulation Software		
Model No.	Price*	Description
CHI-SAS-01	\$9,000	Use of CHICAGO™ suite as Software as a Service (prepaid) via exclusive availability of remotely accessed 92,160 CPU hours over a 2-month period, including up to 4 hours of email and phone support.
CHI-SAS-02	\$45,000	Use of CHICAGO™ suite as Software as a Service (prepaid) via exclusive availability of remotely accessed 552,960 CPU hours over a 6-month period, including up to 24 hours of email and phone support.
CHI-SAS-03	\$85,000	Use of CHICAGO™ suite as Software as a Service (prepaid) via exclusive availability of remotely accessed 1,105,920 CPU hours over a 12-month period, including up to 40 hours of email and phone support.

Customer-Defined Code Enhancements**		
Model No.	Price*	Description
CDCE-L1	\$44,000	Customer-defined code enhancements for CHICAGO™ code. Modest level code enhancements that can be accommodated within 1 month effort.
CDCE-L1.5	\$66,000	Customer-defined code enhancements for CHICAGO™ code. Intermediate level code enhancements that can be accommodated within 6-week effort.
CDCE-L2	\$88,000	Customer-defined code enhancements for CHICAGO™ code. Substantial level code enhancements that can be accommodated within 2-month effort.
CHI-CIR	\$20,000	Single-user license for CHICAGO™ Circuits, a compiled application utilizing a graphical user interface to design complex circuits from primitives and junctions, for operation on either Apple or PC (Windows) computers. Includes 1-year technical support. Subject to the terms of the End-User License Agreement (EULA).
CHI-CIR-M	\$5,000	CHICAGO™ Circuits Software Maintenance. Provides additional 12 months of maintenance and software updates with technical support via e-mail and phone. Must be purchased with initial license, or during period of an existing maintenance contract.

*NM (New Mexico) Gross Receipts @ 7.625% for in-state (New Mexico) purchase. No tax charged if a New Mexico Non-Taxable Transaction Certificate is issued with purchase order.

**All code enhancements (part no. CDCE-L1, CDCE-L1.5, and CDCE-L2) become property of Voss Scientific and are published to all current CHICAGO™ users under maintenance at the next release.

Terms: Net 30, with credit-approved (US) purchase order; FOB: Albuquerque, NM.
A 4.5% convenience fee will be added to items purchased by credit card.

For additional information, contact us at (505) 256-1500 or send email to info@vosssci.com. Price list published at:

https://www.vosssci.com/products/chicago/price_list.pdf

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