

# Voss Scientific Inc.

## CHICAGO™

### High Performance Plasma Physics Simulation Software

#### Price List

#### Prices effective 1 June 2022

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.

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 80-processors each without need of purchasing the code itself, on a prepaid basis. Purchases also include specified levels of technical support.

High Performance Plasma Physics Simulation Software		
Model No.	Price*	Description
CHI-1.6-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	\$25,000	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-T40	\$11,000	CHICAGO™ suite Technical Support. Up to 40 hours of e-mail and phone support. Only available for CHICAGO™ licenses under a current maintenance contract and expires 6 months after date of purchase.

420 Washington St. SE • Albuquerque, NM 87108  
Phone: (505) 256-1500

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 via shared availability of remotely accessed 57,600 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 via shared availability of remotely accessed 345,600 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 via shared availability of remotely accessed 691,200 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	\$40,000	Customer-defined code enhancements for CHICAGO™ code. Modest level code enhancements that can be accommodated within 1 month effort.
CDCE-L2	\$80,000	Customer-defined code enhancements for CHICAGO™ code. Substantial level code enhancements that can be accommodated within 2 month effort.

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

\*NM (New Mexico) Gross Receipts @ 7.875% for in-state (New Mexico) purchase. No tax charged if a New Mexico Non-Taxable Transaction Certificate is issued with each purchase order.

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, please contact us at (505) 256-1500 or send email to [info@vosssci.com](mailto:info@vosssci.com).