Overview

The Enterprise Advantage License System provides you with the ability to take advantage of the breadth and depth of MSC.Software's world-class simulation software portfolio within a flexible licensing system, allowing you to use whatever simulation tools you want, whenever you need them.

With Enterprise Advantage, you can expect to move your enterprise forward in innovation, creativity, cost-savings and ROI by utilizing the flexible access to MSC’s breadth of simulation products as well as through optional access to our newest technologies available in SimEnterprise and the MD Solutions. Enterprise Advantage also provides continuity to MSC’s engineering products as it includes access to the full MasterKey product set. The MasterKey Licensing System is the original token-based licensing system enabling multiple product access across an unlimited number of users.

Like MasterKey, Enterprise Advantage utilizes a check-out-based license unit system, that provides the most effective and efficient implementation of your investment in product development, including an unrivaled breadth and depth in product access to a complete suite of engineering tools. Enterprise Advantage, which includes access to the full set of MasterKey products as well as MD Nastran, is tailored to your unique environment to maximize your productivity and stretch your engineering budget.

SimEnterprise Solutions

The companies that excel in a global economy will be those that can respond quickly to changing customer expectations, business opportunities, economic conditions, and technology advances. Historically, companies have used physical prototyping to verify that products meet the rigorous demands of the real world. This has been rapidly changing as companies transform themselves to respond with speed and flexibility to a changing global landscape. They are relying more and more on simulation in place of physical test for the product innovation process. As simulation moves to the forefront of the innovation cycle, simulation practices themselves must evolve from their current disconnected islands of product support activities toward enterprise integrated solutions.

Based on a Services Oriented Architecture (SOA), SimEnterprise enables open connectivity between designers, analysts, and other simulation stakeholders for a highly collaborative design ecosystem, allowing each stakeholder to work within their preferred environments. With SimEnterprise, product development stakeholders, regardless of application preference or global location, can easily collaborate and manage simulation and simulation-based design information to accelerate product development in a highly cost-efficient manner.

Providing native connectivity to MSC.Software's leading MD Solutions solver technology, including MD Nastran, SimEnterprise solutions allow companies to easily deploy role-based simulation applications and tools—including existing MSC applications such as MSC SimDesigner and MSC SimManager, and to seamlessly integrate with third party applications and in-house or custom applications—to speed simulation and the design processes overall.

MD Solutions

Understanding how a product will behave in the real world, requires a multidisciplinary approach. MSC.Software is committed to providing you with an enterprise level solution to improve time-to-market, ensure right-to-market, and reduce overall product development cycle time. MSC.Software's suite of core products cover the full spectrum of engineering analysis from linear, nonlinear and explicit nonlinear to computational fluid dynamics, fluid system interaction, and more to help you overcome even the most challenging product development hurdles.

Capabilities

- Provides access to over 170 engineering simulation solutions
- A single license system allowing an unlimited number of users
- Provides access to MSC’s core engineering solutions such as MD Nastran, Patran, Marc and Adams (and all others included in the MasterKey license system)
- Includes access to MD Nastran
- Provides optional access to the additional MD Solutions line (MD Patran and MD Adams) as well as MSC’s SimEnterprise products such as SimXpert, SimDesigner and SimManager
- Provides continuity and a seamless path forward between MSC’s engineering products and its new enterprise solutions

Benefits

- Recognize the opportunity for significant return through direct savings and the engineering productivity made available through unmatched flexibility and exposure to MSC’s world-class products
- Protect investments by maintaining a seamless, high-value path forward to adoption of next-generation solutions while maintaining access to previously acquired technology
- Save time and costs by reducing your need for multiple CAE vendors and their associated renewal fees while decreasing costs associated with redundant software technology from other vendors
- Improve productivity through creation of a flexible environment, as your CAE needs mature or change
- Take advantage of significantly reduced cost-of-entry as you add new solutions to your environment
MD Solutions offer true multidiscipline simulation in one, fully-integrated system and delivers the most comprehensive set of simulation and analysis technologies available anywhere. It is the most powerful simulation solution in the world, and includes 100% compatibility with MSC Nastran, the simulation product of choice for over four decades. Designed for manufacturers who need to perform interoperable, multidisciplinary analyses on ever-more complex models, MD Solutions help to drive efficiency, streamline product design processes, and deliver true engineering productivity for the enterprise.

**Engineering Products**

MSC.Software offers bundled solutions for solving complex problems, such as static and transient nonlinear analysis, implicit nonlinear analysis with contact for highly nonlinear deformation problems, and explicit nonlinear analysis for problems involving crush, crash, drops, and dynamic motion analysis.

**The Enterprise Advantage Method**

With the checkout-based method, you purchase a pool of Advantage License Units (ALUs). Your ALUs are checked out from the pool and are used to access and run a full range of CAE solutions available under the Enterprise Advantage License System from MSC.Software. Each individual software item requires a certain number of ALUs to run. After each use, the ALUs are returned to the pool for other use. There are over 170 different software items available under the Enterprise Advantage License System.