

ProActive for MATLAB® & Scilab

Industry-Specific Enterprise Edition

Increased Productivity

Heavily reduces wait time for results

Greater Adaptability

Ready for next challenges: larger data and more complex algorithms

Enhanced Competitiveness

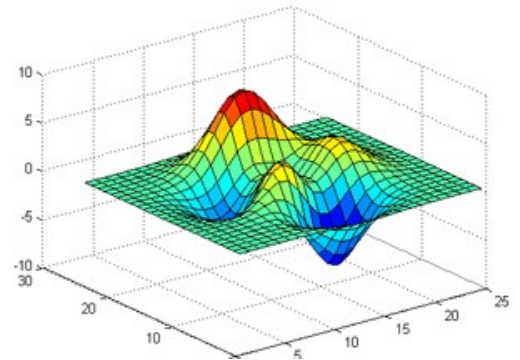
Solves larger problems thanks to higher computing power

Lower Costs

Optimizes utilization of computing resources and licenses

Accelerate Easily Your Simulations!

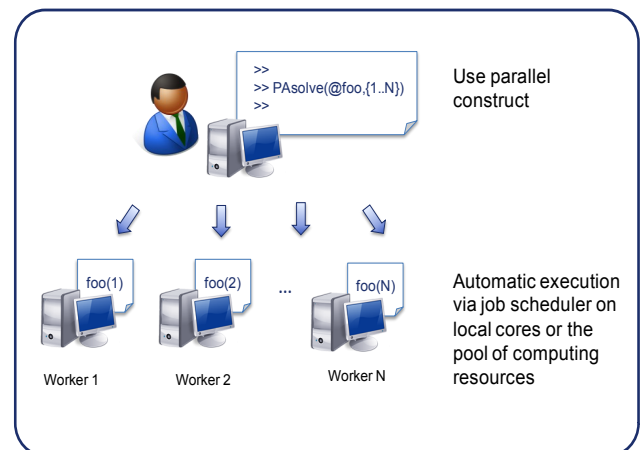
ProActive for MATLAB® & Scilab is an **open source solution** to accelerate widely used numerical computation platforms: MATLAB (including SIMULINK), Scilab (including Scicos FLEX Toolbox), Modelica. ProActive provides you with a framework enabling faster results and larger data. ProActive extends serial processing on a single desktop to a parallel execution on a pool of desktops, private clusters and public Clouds. All existing resources within your organization can be used and aggregated to speed up and scale your simulations.



How Does it Work?

Eases the Development of Task Parallel Applications

- Provides a high-level construct, available as a MATLAB function, to parallelize and solve embarrassingly parallel problems (functions executing several times the same code with different sets of data)
- Automates the transfer of needed data and files
- Enables both batch and interactive modes
- Features a flexible tasks flow generation with predefined constructs and easy tasks dependencies definition
- Makes possible to simulate your complete system model even if stages are programmed in several languages



Boosts Simulations on Your Existing Infrastructure

- Enables parallel execution on a local multi-core computer as well as on a pool of all available computing resources within the organization
- Features a reliable fault detection and proper automatic restart to ensure simulation completeness in any case
- Secures data transmissions by encrypting all communications if needed
- Enables users to control and monitor job simulations progress (priorities, pause, stop, resume)

ActiveEon is a Professional Open Source Software company, co-developing *ProActive Parallel Suite* with the research team OASIS (a joint team between INRIA, CNRS, I3S and the University of Nice – Sophia Antipolis).

ActiveEon provides a full range of services for *ProActive Parallel Suite*:

- Training and Certification
- Consulting
- Technical Support
- Integration and Development
- OEM Partners

CONTACT INFORMATION

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Supported Environment

- Guarantees a successful integration within your IT environment
- Provides highly configurable simulations scheduling policies for a business driven sharing of computing resources
- Aggregates successfully all your computing resources and provides a virtual supercomputer-like framework

The MATLAB Scilab Subscription Plan includes:

ActiveEon's technical support center provides quick, efficient and high-quality support services to ProActive users through three service levels. By subscribing to ActiveEon support services, organizations using our solutions **benefit from the knowledge of our technical experts**, who are directly connected with ActiveEon's Research & Development organization. These services are designed to bring efficiency, security and reassurance to subscribers.

Choose the level of service that matches your needs—from mission-critical services to basic support.



All Levels include

- Access to certified and packaged version
- Automatic Upgrades
- Dedicated Bug Tracking
- Emergency Hot Fixes
- Certified patches and updates committed in the next release
- Web and email Support
- Guaranteed Response Times

Service Plans: EASY Implementation and Learning Curve

ActiveEon ensures that organizations whatever their size or expertise level, successfully implement and maintain a ProActive installation. ActiveEon has developed a number of service plans designed to facilitate the ramp-up of project teams and to ensure the highest level of productivity when purchased an Enterprise Edition.

Lower Total Cost of Ownership by giving your staffs the tools and service they need: On-site expert installation, On-Site Training, Customized Consulting with Configuration, Architecture, Optimize ROI.

Get Started Now!

Choose the ProActive Edition you need:

- **Download Community Edition**
 - *ProActive Parallel Suite* Source Code and Binaries
 - The Complete Associated Manual
 - Free Developer & User Support
- **Download Enterprise Edition**
 - Dedicated Source Code, Binaries and Documentation
 - ActiveEon Professional Support and Service Plans

