GENOA
Tested and Verified.™

GENOA JOBSPOOLER

A GENOA client may send remote analysis jobs to a central GENOA job server. Using a spooling architecture for job queues, this may provide efficient parallel job performances and management of hardware resources. The jobs are processed as a whole and are not broken up into partial jobs like MPI and other parallel job methods. Therefore the job spooler works on a global macro level where it sends an executable job to be performed completely on a specific target workstation.

- ✓ **Remote job runs without consuming local client resources.**
- ✓ **Handle large number of jobs (100+).**
- ✓ **Virtual Job Server capability allows job distribution to multiple servers.**
- ✓ **May use secured username & password logins.**
- ✓ **Supports full breadth of 2D/3D composite architectures and features available in MCQ and GENOA**
- ✓ **Any GENOA simulation that can be parallelized is automatically split with Jobspooler.**
- ✓ **Files are automatically sent back to local machine (no FTP client needed)**
- ✓ **Ideal management and tracking of analysis resources.**

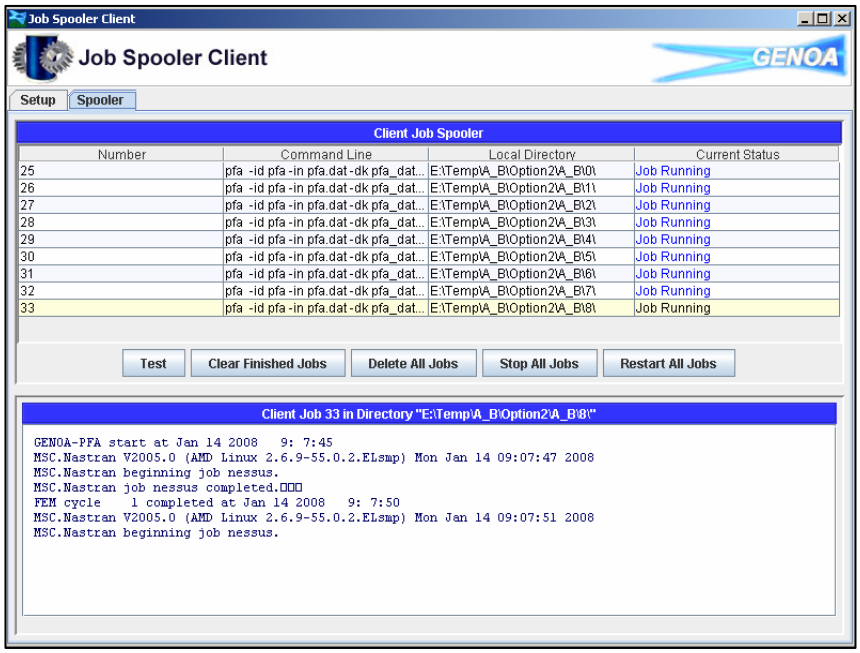
Easy Setup

Parameter	Value
CLIENT	
Client Name	Pandora
SERVER	
Server IP Address	129.199.0.43
Server Port Number	5476

Key Benefits

- Faster solution to multiple simulations.
- Organized job monitoring.
- Files automatically sent back to local machine.
- Easy to setup.
- Installing license on one server with multiple processors
- Multiple clients can submit jobs for analysis.

Keep Track of all Jobs Easily



System Requirements

- Windows 2000/XP/Vista/7/8/10 (64-bit) or Linux (64-bit)
- Java 1.7 minimum Runtime Libraries
- Java3D 1.5

Minimum Configuration

With the minimum configuration, performance and Functionality may be less than expected.

- 1 GHz or higher CPU, 1GB RAM, 10GB disk space

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MCQ: Composites, Ceramics, Metals, Nano, Chopped

GENOA: PFA, PFDA, UAB, URD, ABS, PCP, PA, Quasi Static Fatigue & Random Fatigue, Harmonic & PSD Fatigue, Fatigue with Fracture Mechanics, PFA_AGING, VCCT, DCZM, Filament Winding, Jobspooler, GENOA_CLOUD