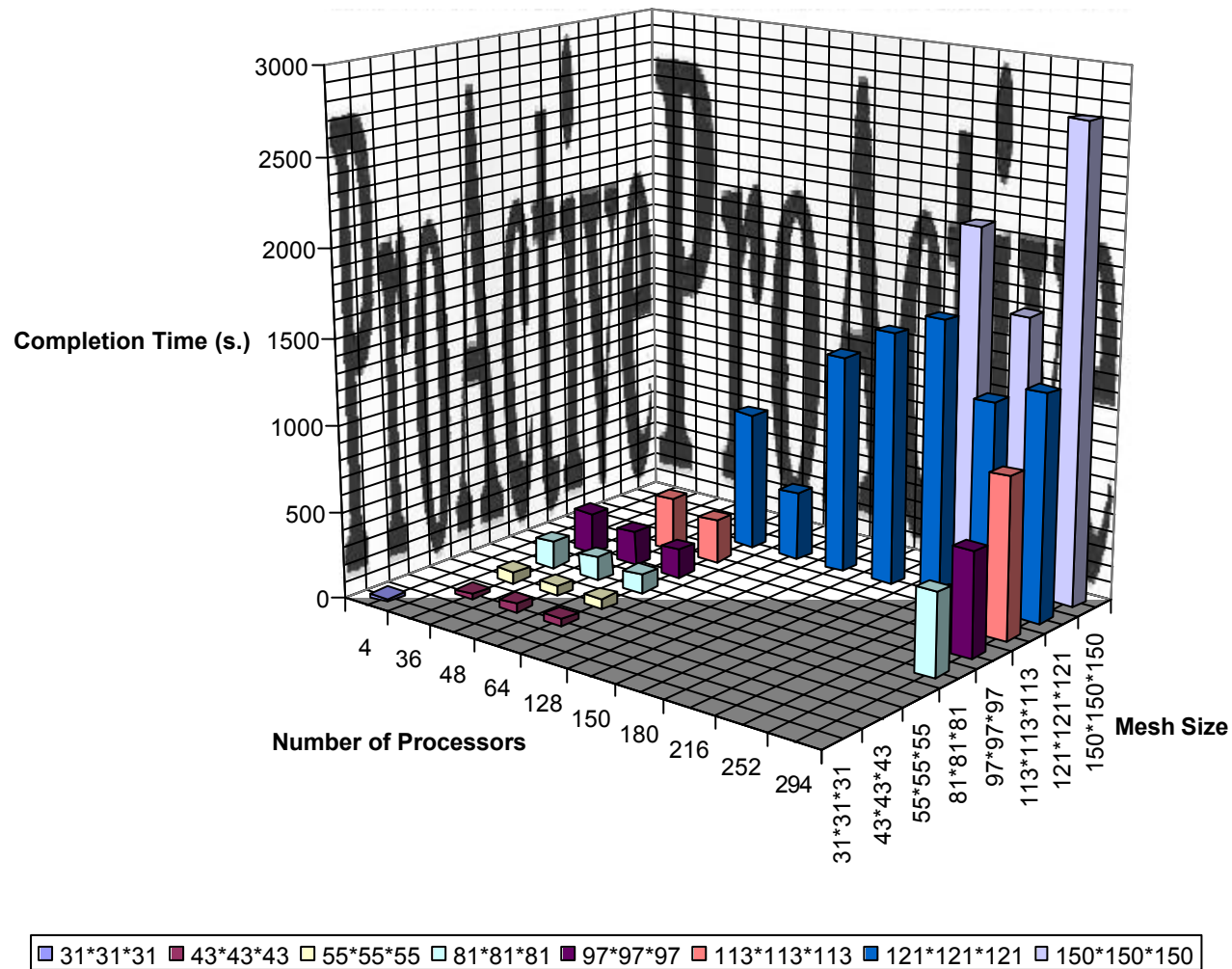


ProActive: Jem3D Benchmarks

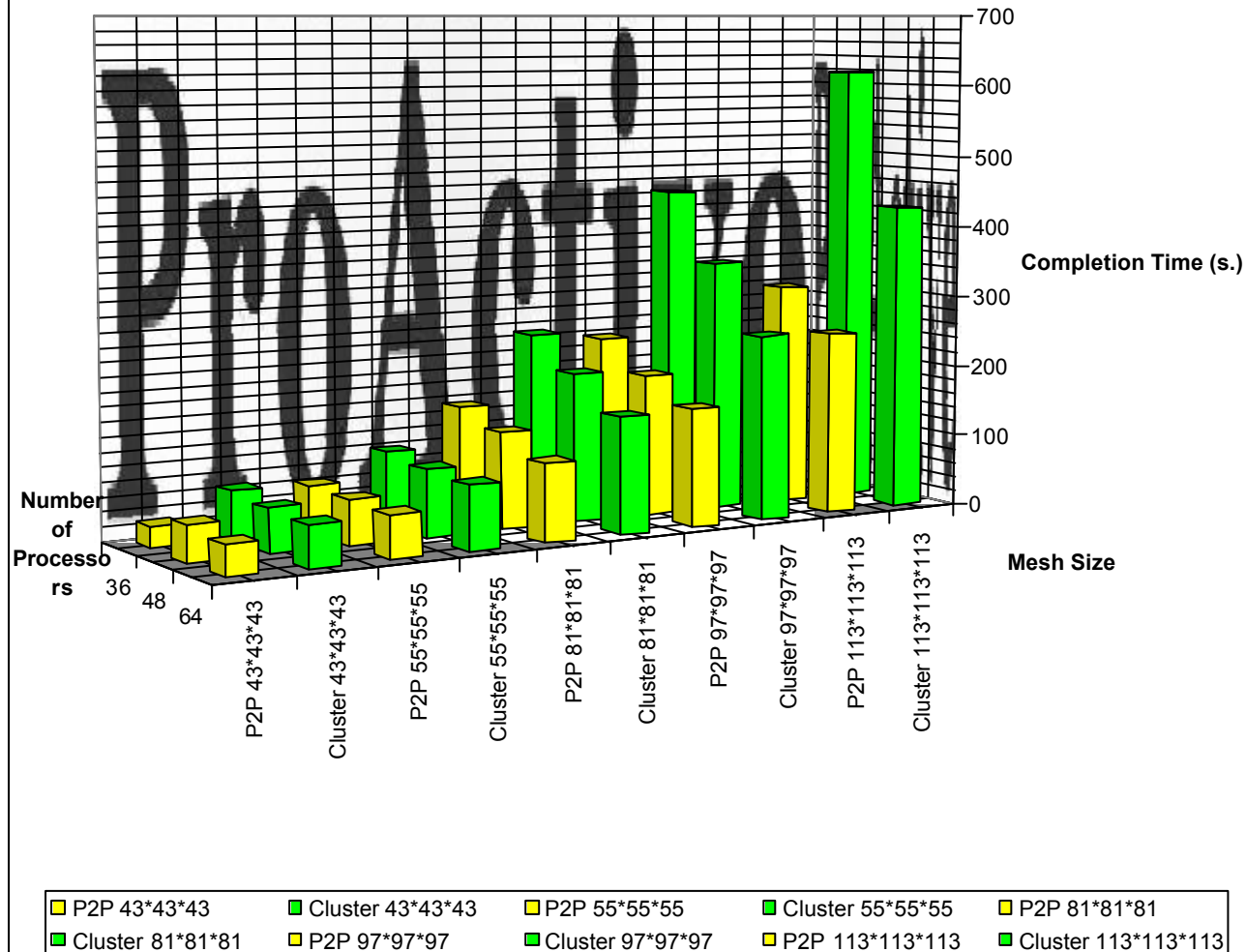
P2P Intranet (Desktop Grid)



Jem3D is an object-oriented time domain finite volume solver for the 3D Maxwell equations

ProActive: Jem3D Benchmarks

Cluster vs. P2P Intranet



Cluster: 16 Pentium IV bi-xeon at 2 GHz / GigaEthernet & 16 bi-Pentium III at 933 MHz / FastEthernet

P2P: in average, Intranet desktop machines are changed every 3 years