



Network Planning & QoS Optimisation

QoS Design is an independent French software company dedicated to providing innovative solutions that improve the performance of telecommunication networks by using simulation and optimisation techniques.



QoS Design arose from the merger between a research team from the French Public Research Laboratory LAAS-CNRS and a team of specialists with more than 25 years of research experience behind them.

QoS Design's Engineers are involved in stochastic modelling techniques, Telecoms traffic theory, optimisation, parallelism and clustering solutions applied to large-scale systems and telecommunication networks. QoS Design's software products are high quality and feature rich. They can be used for the control of large-scale telecommunication networks.

QoS Design has long-standing and efficient partnerships with some of Europe's most important telecommunication research centers, manufacturers and operators. These include licensed sales, development contracts and collaborative research projects.


QoS Design develops and sells a consistent software suite for network modelling, simulation and planning. This software suite, called **NEST** (**N**etwork **E**ngineering and **S**imulation **T**ool), has been designed for network operators and manufacturers who require tools to estimate Quality of Service, design and re-sizing, optimise routing and resilience, and maximize cost saving on their networks.

NEST network planning software provides both unique simulation techniques and powerful network optimization algorithms in an integrated workbench.

NEST currently comprised of four main products:

- **NEST IP-MPLS**
- **NEST 2.5/3G**
- **NEST Telephony**
- **NEST Traffic Source Modeler**





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