The need for rapid decisions and responses in today’s hectic world with all of its fast passing opportunities and adverse crisis situations make the availability of an adequate decision support system a very critical necessity, especially due to the fact that decision processing practices that rely only on human-based decision processing have shown to produce often a faulty view on how events relate to one another.

It is a valid statement to say, that the naturally imperfect nature of humans’ inconsistent approximation of information gathering and processing practices produce incorrect input assumptions and problematically flawed decisions on the output side. All too often such decisions are critical, and worse, they often cannot be altered anymore later. However, open-ended delays in making decisions, in fear of wrong judgment, affect the outcomes equally adverse, especially in fast-paced decisive situations.

SCG is providing powerful custom tailored supercomputer assisted decision tools that can be embedded in client organizations’ decision support practice. SCG can improve the process of real-time decision-making in such way as to reduce risk and error and increase the safety of human lives, organizations and property. Besides risk avoidance those tools can optimize the decision processes towards the better realization of opportunity.

This service includes technological tools that can be deployed to aid decision makers in common day-to-day decision making processes, but also in more complex emergencies. SCG provides intelligently designed interfaces for decision support.
The underlying AI process is aimed to understand the paralleled levels of reality and relationships that exist within the space of our decision processes, and within the more complex situations that occur in the many emergencies of our lives.

This service can be deployed in several different levels and dimensions. Decision Processing can be delivered as a simple aid for specific processes such as medical diagnosis or economical and financial assessments. But SCG offers also the rapid exclusion of human participation or intervention in computer managed processes.

The new and prevailing branches of self-learning artificial intelligence in SCGs’ powerful Quantum Relation Technology can aid organizations continuously in their day-to-day processes. Supercomputers can take over critical decision processes, managing millions of potential escalation models, in parallel to gathering and disseminating information. Our experts develop and implement those fully automated decision systems on SCGs’ supercomputers. The deliverables include beyond the Server based decision processing asserts also a full set of Internet based representational tools, interfaces and communication processes, that fully integrate the computer assisted decision making process with the clients environment. The security aspects of this service are complex and very thorough. Potential Clients for this service are strongly encouraged to contact us for more information.