



**NYULAW AI RESEARCH**  
THE SOLOMON PROJECT

October 1995

Greetings,

By way of introduction we are a group of computer scientists and attorneys specializing in the field of artificial intelligence. For the past seven years, we have focused our attention on the process of American civil and criminal jurisprudence. Like many other experts, pundits and ordinary citizens, we are dismayed by what we see. Our centuries-old model of constitutional law, brilliantly designed to protect individual rights and liberties, has defaulted on the promise of equal protection for all the people. Unlike many who share our view, however, we refuse to wring our hands and walk away. In short, we believe we have a solution to the crisis.

It is admittedly a radical solution, for nothing less will lead us out of the mire in which we find ourselves. We have concluded that a drastic revamping of the current legal system is imperative. The American people have lost confidence in the judicial system, and with reason. From gross disparities in sentencing to the skyrocketing costs and excessive length of trials, mistrials, hung juries, and trials de novo, not to mention frivolous lawsuits, we have grievously tarnished the dream of swift and impartial justice.

Enter SOLOMON.

The ultimate practical application of artificial intelligence, SOLOMON is a distributed program running on a set of super computers. Judge and jury both, it is uniquely capable of accessing the entire corpus of legal literature and fairly applying legal constructs and principles of equity and fairness to the factual information it is fed.

Our courtroom is virtual. Our justice is actual. SOLOMON combines the wisdom of the ages with a thorough knowledge and understanding of the judicial process. It is essentially an interactive library of all statutory, regulatory, and case law (constantly updated); ethics and equity principles; and factual precedent. Imagine human wisdom partnered with the machine neutrality and you begin to understand SOLOMON. We are not turning our back on the founders, but breathing new life into their precepts, ensuring that our constitutional guarantees stand strong for all people.

SOLOMON works as follows: In simple cases, attorneys enter all admissible evidence into SOLOMON under the supervision of a judge. The judge may make rulings regarding the admissibility of the evidence but does not otherwise participate in the process. All participants, i.e. attorneys, defendants and witnesses, are tested using advanced polygraph equipment, sodium pentothal and newer technologies that guarantee the accuracy and the truth of all input.

SOLOMON may ask for clarification or make requests for further information to be provided. SOLOMON then accesses all existing law pertinent to the factual circumstances and relevant evidence and deliberates, utilizing not only the body of evidence and all existing law applicable in the jurisdiction, but also a complex mapping of ethics input by a highly esteemed board of ethicists. SOLOMON then provides a judgement and, where indicated, an appropriate written order or opinion.

Where the facts are in dispute, SOLOMON participates in the deposition of witnesses. As questions are asked to the witnesses for both sides, voice recognition software allows SOLOMON to understand the examination. Furthermore, SOLOMON's unique fuzzy logic allows it to weigh the answers by using voice stress analysis and the inputs from polygraph telemetry in addition to the spoken word. This allows SOLOMON to act as a jury and weigh the veracity and credibility of witness.

One of SOLOMON's unique capabilities is to scan trial transcripts and detect obvious miscarriages of justice. Because of scanning software, a SOLOMON review can be conducted for less than the cost of a single billable hour charged by most attorneys.

If necessary, in the criminal context, SOLOMON will enter a sentence, fine or other criminal penalty. All orders, judgements, sentences or other actions taken by SOLOMON are binding and not subject to further review.

This process effectively eliminates the need for juries as well as for most judicial duties. Due process and equal justice are served immediately based on unbiased evaluation of facts and law, tailored to each litigant or criminal defendant. The role of attorney and judge is permanently altered, for they no longer have to preside over long, complicated and costly trials. Their functions become that of overseeing the entry of data into SOLOMON.

The system will serve justice on the local, state and national level. The clear winner is the public. Justice is swift and blind, with minimum cost.

As part of our developmental process, we have successfully retried some of the most highly visible American legal cases of recent years, i.e., Mike Tyson, William Kennedy-Smith, the Menendez Brothers, Susan

Smith, Heidi Fleiss, Amy Fisher, Klaus Von Bulow and Rodney King. The results are of great interest and are available from our office. We will re-try the O.J. Simpson case now that the trial is over and will be announcing a public demonstration in the near future.

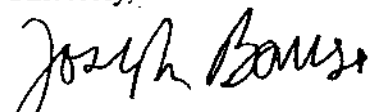
The purpose of this letter is to solicit support and commentary from a wide range of legal professionals as well as criminal and law enforcement specialists throughout the judicial and legislative branches of the government. We would like to know what you think of SOLOMON as a solution to our country's dire legal situation. Do you feel SOLOMON represents a viable alternative? If not, why not? If so, may we use your name on our list of professionals who support our activities?

We believe that SOLOMON represents the best interests of the American people and of the legal system. SOLOMON saves time and money and puts an end to the mockery of justice that has so horrified the American public. Once it is integrated into the legal system, SOLOMON will single-handedly reestablish the public's failed confidence in the judicial process. SOLOMON is the future and the future is now.

SOLOMON's function is not limited to the American judicial system. We have simply used this system to create a working model. But, the technology is available to all nations and can function based on the input of any system of laws, morals and ethics. Our ultimate goal is world-wide reform of the judicial process.

Please let us know what you think. If you would like to see a demonstration of SOLOMON, let us know that as well. Thank you for your time and consideration.

Sincerely,

A handwritten signature in black ink that reads "Joseph Bonuso". The signature is written in a cursive, flowing style.

Joseph Bonuso, Ph.D.

Research Fellow and Founding Director