SoarTech Update

5/20/2010

SOARTECH

Modeling human reasoning.
Enhancing human performance.

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Rebranding SoarTech

Modeling Human Reasoning

Enhancing Human Performance

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SOARTECH

Major Business Areas

- Tactical Behavior Models
- Social-Cultural Behavior Models
- Serious Games
- Pedagogic Tailoring and Intelligent Tutoring

- Control for Autonomous Platforms
- Human-Robot Interfaces

- Anticipation
- Cognitive Information Display

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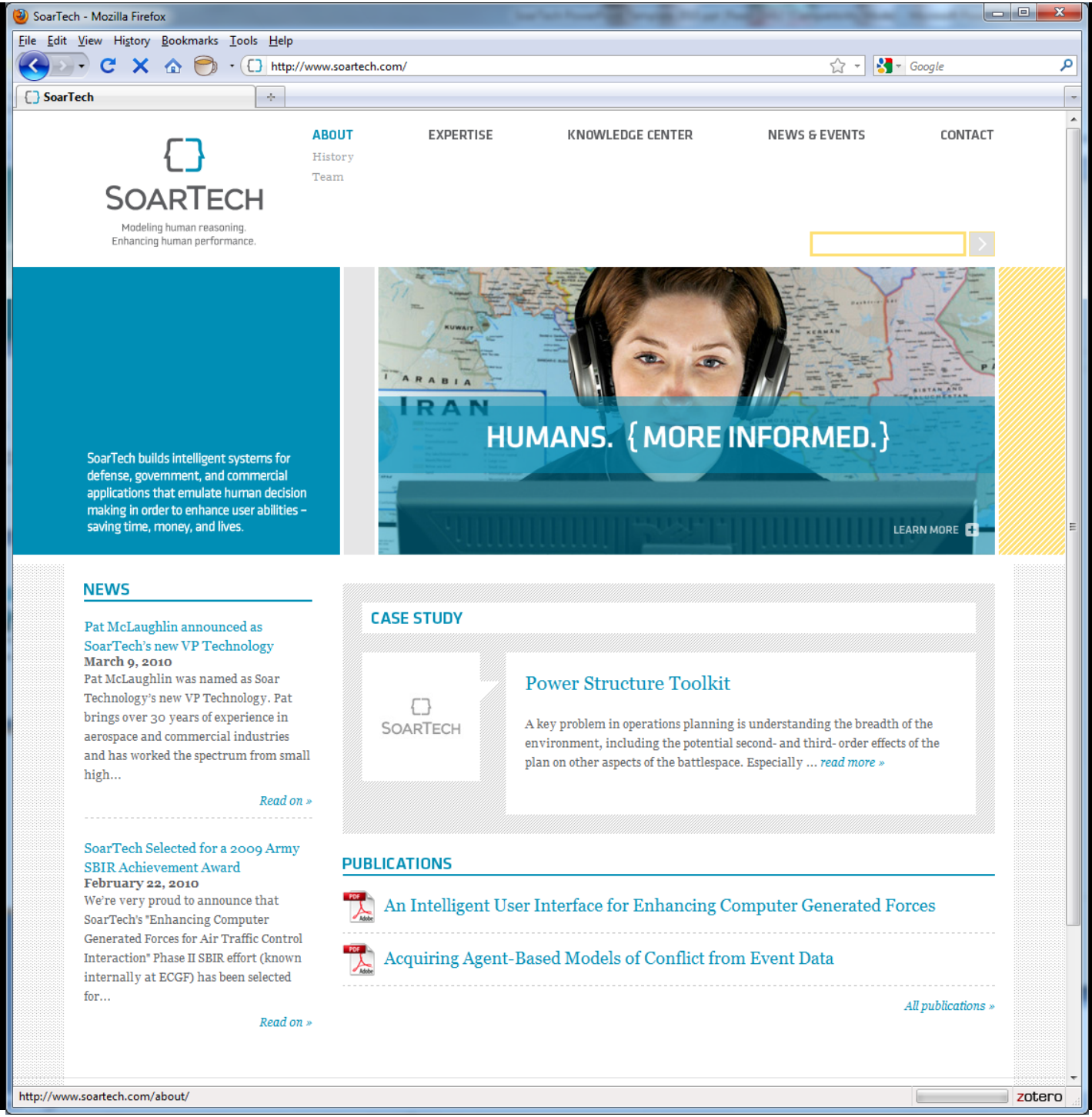
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SoarTech builds intelligent systems for defense, government, and commercial applications that emulate human decision making in order to enhance user abilities – saving time, money, and lives.
HUMANS. {MORE INFORMED.}
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Pat McLaughlin announced as SoarTech's new VP Technology
March 9, 2010
Pat McLaughlin was named as Soar Technology's new VP Technology. Pat brings over 30 years of experience in aerospace and commercial industries and has worked the spectrum from small high...
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SoarTech Selected for a 2009 Army SBIR Achievement Award
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We're very proud to announce that SoarTech's "Enhancing Computer Generated Forces for Air Traffic Control Interaction" Phase II SBIR effort (known internally at ECGF) has been selected for...
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Acquiring Agent-Based Models of Conflict from Event Data
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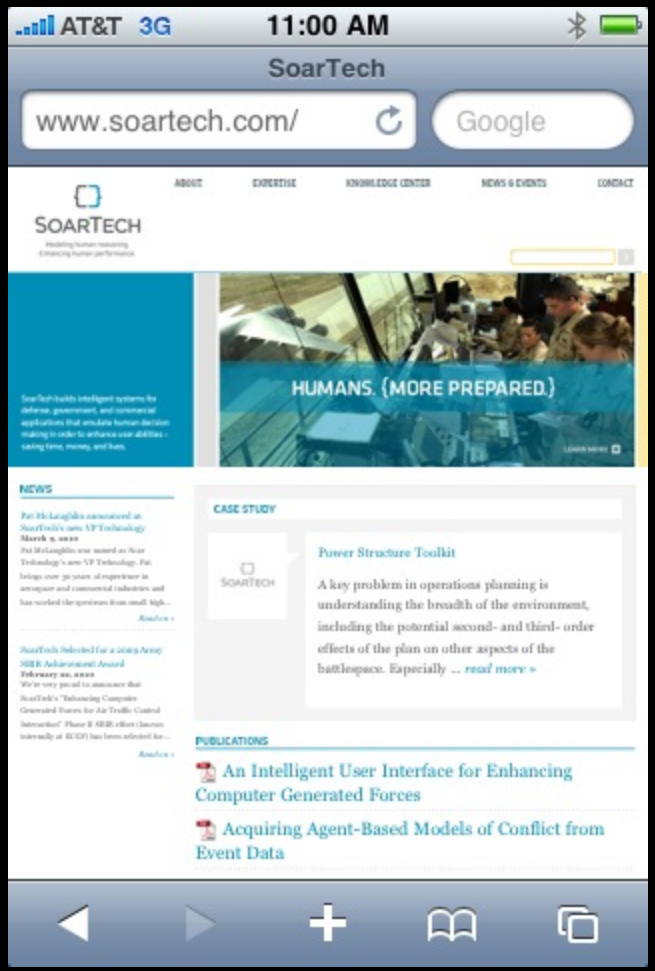
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PUBLICATIONS
An Intelligent User Interface for Enhancing Computer Generated Forces
Acquiring Agent-Based Models of Conflict from Event Data

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Introducing Pat McLaughlin

- Vice President of Technology Innovation
- Professional History
  - 7 years at Lockheed Martin
    - Technology Innovation Director
  - 8 years at Orincon
    - Vice President – Customers
  - 4 years @ Space Applications
  - 12 years @ Logicon
- Areas of expertise
  - Coordinated CRAD across LM's IS&GS (> $125 million in 2009)
    - DARPA, AFRL, ONR, NRL, IARPA/ARDA
  - Irregular operations, Human terrain, Cyber-security, BioScience
  - Technology transition

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Open Sourcing

- Last year we presented SoarTech's goals for open sourcing our tools:
  - Increase revenue via fewer IP barriers to new projects
  - Increase project efficiency via better development tools
  - Increase job satisfaction of Soar Tech staff
  - Increase collaboration with the Soar community
- We are starting to gain traction on many of these goals

- Making select software and tools open source supports SoarTech's "product-enabled services" business model
  - Ensuring that the (now expanded) community has a positive experience when using SoarTech's open source software is even more critical

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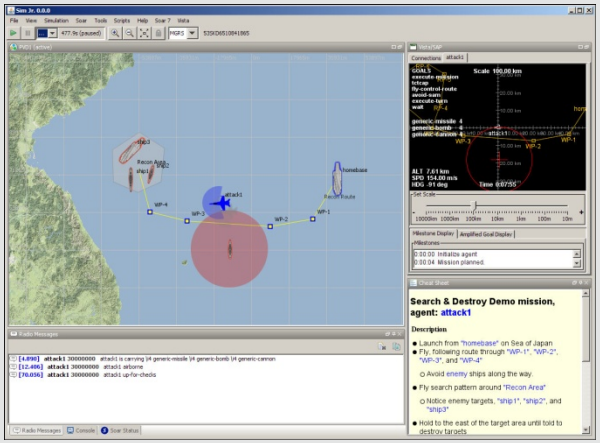
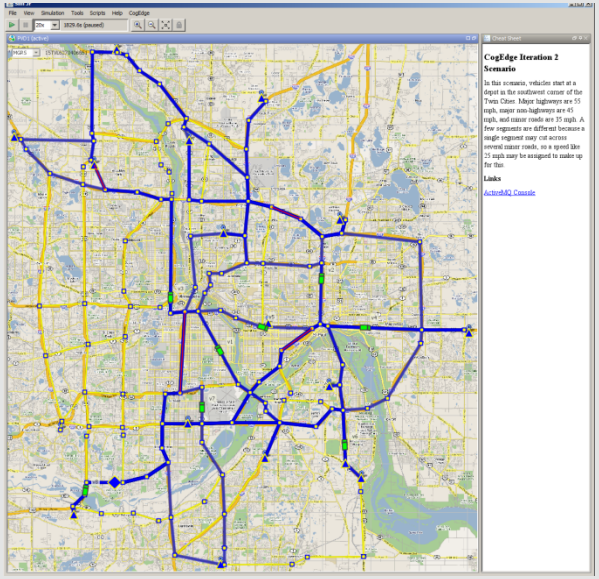
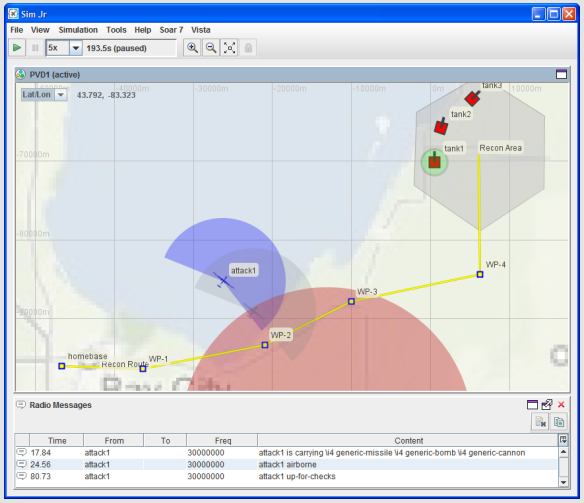
SimJr

- An agent-based modeling research environment
- Advantages of SimJr
  - Simple and easy to use
  - Easy to interface with and extend
  - Lightweight and multi-platform
  - AND NOW OPEN SOURCE







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The Fine Print

- The software is posted in the Google code repository: http://simjr.googlecode.com
- We hope that if you patch or improve this software you will provide it to the community. Send to Software-Support@soartech.com.
- License – standard BSD license

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Nuggets and Coal

- Nuggets
  - 2009 was a very strong year
  - 2010 is turning out to be a target rich environment
  - Hiring Pat McLaughlin
  - Making forward progress on achieving a “success story”
- Coal
  - Still more active projects than employees
  - Only 1 or 2 projects using Soar 9
  - Soar not used in the most immediate “success story” candidate

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