Wisdom Technologies Corporation: CRESUS Cash Management Expert System

Wisdom Technologies Corporation, a spin-off of Carnegie Mellon University (CMU) has developed CRESUS, a unique application that brings Expert System Technology to the real-world financial problem of cash-management. Designed by and for treasurers, CRESUS is the only cash-management program available today which helps automate corporate treasury decision-making process, saving significant time and money.

Built using Allegro CL’s Dynamic Objects Technology, CRESUS’ key features include:

- An aggregate view (on the effective date) of income and expenses, suggesting total daily amounts to borrow or invest.
- Identification of accounts which need to be balanced on a given day, and a listing of operations affecting those accounts.
- Custom displays of daily draw-downs and payments from credit lines, including all relevant information.

Additionally, CRESUS furnishes a wide variety of useful information (i.e. cost of the period, credit available projection, projection of credit-line usage) through windows and reports, allowing the viewing of operations according to the user’s needs.

Peter H. Shell, CTO of Wisdom and chief architect of the treasury optimization software

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Peter H. Shell
CTO, Wisdom Technology
project, credits Allegro CL with significantly speeding up the program’s development cycle. “Prototyping was much easier using Allegro CL because of its interactive environment, rather than C where we would get bogged down by the details of memory management and such.” According to Shell, Allegro CL Common Graphics also enabled his team to easily access Microsoft Windows API. “Instead of having to port every window directly from CLX to Common Graphics, we were able to maintain the same middle layer that we had before, allowing us to reuse all the code,” were Shell’s closing statements.

When it comes to managing a company’s cash-management system, Wisdom Technologies’ CERSUS and Allegro CL represent a sound business decision.

For more information on CRESUS or Wisdom Technologies you may visit their website at http://www.wisdomcorp.com