

# CONCURRENT CUSTOMER SOLUTIONS

## CUSTOMER

*Headquartered at New York's LaGuardia Airport, FlightSafety International is the nation's senior aviation training organization.*

*Founded in 1951, the company now trains over 65,000 pilots and aviation personnel each year. 2001 marked FSI's 50th Anniversary Year.*

## CHALLENGE

*FlightSafety International has been using Concurrent computers to power FSI flight simulators since the early 1980s. FSI has installed Concurrent computers in over 200 FSI simulators throughout the world today. Half of these systems are powered by Concurrent's legacy 3200 systems. In order to update and extend the life of these existing simulators, FSI required a way to update Concurrent's legacy 3200 systems.*

## SOLUTION

*FSI turned to Concurrent for an effective solution. The existing 3200 systems had always provided the real-time performance and reliability required, meeting the demands of FSI and its customers. To ensure continued reliability, FSI purchased Concurrent's new 3200-2000 single board technology utilizing the Motorola 750 PPMC. This solution provided performance and reliability, and extended the life of FSI's existing simulators.*



## Concurrent's Real-Time Technology Meets FlightSafety International's High Standards



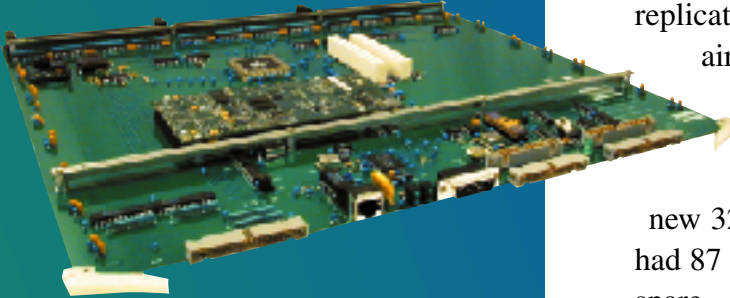
*FlightSafety International flight simulators at work*

## FlightSafety International excels in aviation training

FlightSafety International is the world's largest provider of aviation services, training over 65,000 pilots annually at 42 Learning Centers in the U.S., Canada, France, and the U.K. Founded in 1951 by A.L. Ueltschi, FlightSafety is dedicated to the principle that aviation safety is best achieved by thorough training.

Since its beginnings, the company has developed its technological and human resources with the aim of increasing pilot proficiency across all aircraft types – fixed wing and rotorcraft – in the areas of commercial, corporate, private, and military aviation. The result of that 50-year effort is measured by FlightSafety's fleet of over 200 FAA-certified advanced simulators, a division of courseware developers, and its staff of 1,200 professional instructors who not only train pilots, but transmit their experience and knowledge to technicians, flight attendants, corporate schedulers/dispatchers, and other aviation professionals.

# Model 3200-2000 Upgrade



- No System Down-Time
- Reduces Power/HVAC
- Replaces 27 Cards with One
- Requires No Application Code Changes
- Increases System Performance Over Five Times

## FlightSafety International

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## Concurrent's 3200-2000 upgrade keeps FlightSafety simulators on top

FSI's training involves the use of advanced simulators that replicate with certified accuracy the experience of flying an aircraft or piloting a ship. A majority of these simulators are powered by Concurrent's real-time technology - specifically Concurrent's legacy 3200 systems.

By upgrading existing Concurrent 3280 boards to the new 3200-2000 board, test results showed that the 3200-2000 had 87 percent spare CPU versus the 3280's 36 percent CPU spare - four times the difference. This upgrade presented an ideal solution for FSI. The company was further pleased by the fact that Concurrent engineers removed the old, seven 3280 boards and replaced them with a single 3200-2000 board in less than 30 minutes. Without any software modification, the simulator came up and running.

Concurrent's commitment to providing superior product performance contributed to FlightSafety's selection of the 3200-2000 to get the job done. The 3200-2000 computer has a reduced footprint, requires less power and cooling, and provides improved product reliability. The increased performance of the 3200-2000 processor will allow FSI to run its latest simulation application and upgrade existing simulators to keep in step with aircraft enhancements.

Concurrent Computer Corporation, Real-Time Division, is one of the industry's foremost providers of high-performance real-time computer systems, solutions, and software for commercial and government markets. The company's 35-year-old real-time business focuses on strategic business areas that include hardware-in-the-loop and man-in-the-loop; simulation; data acquisition; industrial systems; and software. Operating worldwide, Concurrent provides sales and support from offices throughout North America, Europe, Asia, and Australia.

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