hp NonStop technology

Nearly 30 years ago—almost 10 years before the birth of the PC—we started a revolution in business computing. And we haven't stopped.

Tandem Computers Incorporated (now the HP NonStop Enterprise Division) was founded in Cupertino in November 1974 by James G. Treybig and three former HP engineers. Their vision was to build a machine with enough sophistication to withstand the loss of any single component—a computer with "no single point of failure."

NonStop™ technology created the infrastructure that has enabled customers all over the world to transform the way they process online transactions. The very first NonStop server was designed to perform a critical task—fault-tolerant transaction processing—better than any other computing platform in the world. For nearly three decades, NonStop technology has led the way in building continuously available, reliable solutions to handle the world's most demanding computing environments—from the first electronic payment networks and online stock-trading systems, to telecommunications networks and supply chain management systems, to today's online travel networks and the world's largest e-mail system.

NonStop computing made its name in the industries that first saw the value of real-time transaction processing. Today, as more commerce moves to the Internet, these industries—not to mention emerging e-businesses—are realizing that the path to new revenue streams and increased profitability is through the extension of online transaction processing to its logical next generation: the real-time enterprise.

In the 1970s, NonStop fundamentals—continuous availability, virtually unlimited scalability, and proven data integrity—were an innovation. Today they are a necessity.

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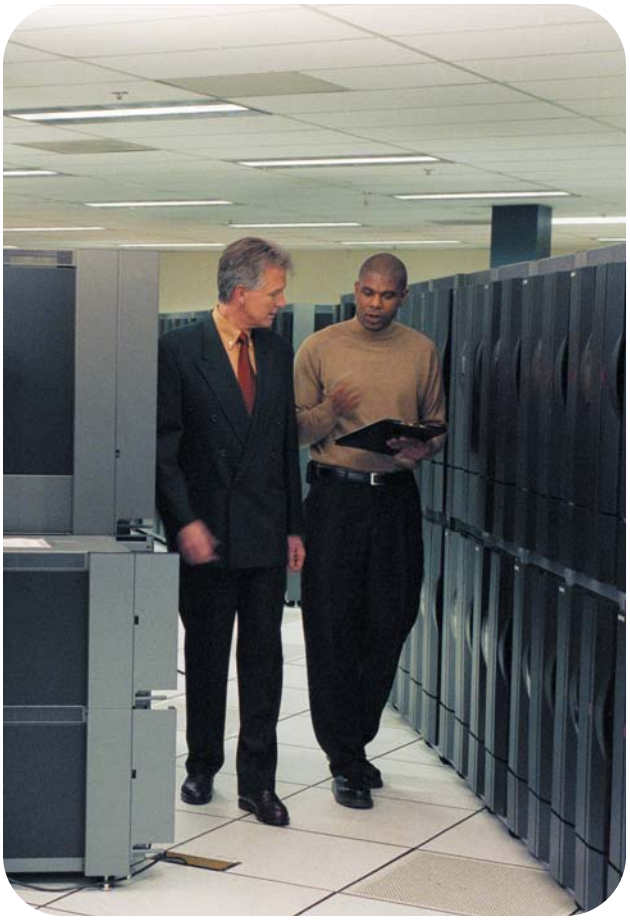

NonStop technology through the years

1974 Tandem Computers Incorporated is born, and founder Jimmy Treybig states the vision of NonStop computing: Business transactions online must not fail.

1976 The first NonStop servers are sold to Citibank. Nearly 30 years later, Citibank still relies on NonStop technology and has implemented an innovative global funds transfer and payments solution using the NonStop architecture.

1979 Target—one of the largest U.S. retailers—begins using NonStop servers.

The U.S. Treasury Department purchases NonStop servers to handle electronic transfer of US$10 billion weekly.

1980 The 1,000th NonStop processor ships.

1981 The NonStop II server is introduced.

Nasdaq begins using NonStop severs for its securities transaction processing.

Tandem Computers Incorporated joins the Fortune 500.

1985 The V8 and XL8 are introduced, the first disk storage facilities that can be serviced while online.

1986 The world's 30 largest telecommunications companies use NonStop technology, and NonStop solutions are used in 21 of the top 25 U.S. banks and 46 of the top banks outside the United States.

Apple Computer selects NonStop technology to run its automated manufacturing operations.

NonStop technology is used by the world's 30 largest telecommunications companies.

NonStop technology at work

Many of world's major industries rely on NonStop servers, for example:

- Telecommunications
  - More than 135 public telephone companies currently rely on NonStop technology.
  - More than half of all 911 calls in the United States and the majority of wireless calls worldwide depend on NonStop servers.
- Finance
  - Eighty percent of all ATM transactions worldwide and 66 percent of all point-of-sale transactions worldwide are handled by NonStop servers.
  - NonStop technology powers 75 percent of the world's 100 largest electronic funds transfer networks and 106 of the world's 120 stock exchanges.
- Retail
  - NonStop solutions for point-of-sale, e-commerce, data warehouse, and customer relationship management support 70 percent of global 100 retailers and drive more than US$3 billion in products and services.
  - NonStop servers power 9 of the top 10 U.S. retailers with electronic payments, in-store processing, kiosks, and services.
  - HP is the leading provider of in-house credit card processing and analysis for retailers.

for more information, go to www.hp.com/go/nonstop

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