

# 3270 SUPEROPTIMIZER<sup>®</sup>/CICS

## Key benefits

- Improves response time dramatically for both outbound and inbound 3270 data streams
- Can reduce data stream traffic up to 90%
- Extends life of current network hardware
- Reduces operating costs
- Improves local response times
- Includes patented technology

## Overview

The 3270 SUPEROPTIMIZER/CICS product from BMC Software provides the fastest 3270 network response time for both OS/390 and VSE environments with optimization percentages as high as 90%. Remote and local network users benefit from the speed of 3270 SUPEROPTIMIZER. Operating costs are minimized and network upgrades delayed because 3270 SUPEROPTIMIZER enhances the existing hardware and telecommunications lines. The product is backed by six patents and the unequalled 3270 optimization experience of BMC Software.

## Fast equals responsive

The quicker data moves, the more responsive your company can be - both to your internal information technology users and to your customers. 3270 SUPEROPTIMIZER/CICS provides an essential tool for improving your company's responsiveness by:

- Providing both outbound and inbound data stream reductions as high as 90% for the 3270 network and SCS printers
- Incrementally improving response times because each successive data stream is transmitted sooner

- Compressing outbound data streams for 3600/4700 controllers and 3790 devices with decompression ability
- Expanding inbound data streams that have been compressed by application logical units (LUs)

When response time improves, so does user productivity. And in businesses where terminal operators deal with the public, customer satisfaction also can increase. 3270 SUPEROPTIMIZER/CICS provides an additional benefit to terminal operators because it eliminates screen blinking, a process that breaks concentration and is tiring.

As your network grows, you can continue to maintain the highest levels of response times, because the benefits of the product do not diminish with increased traffic.

## Reduce network costs

3270 SUPEROPTIMIZER not only improves response time, but it provides the least expensive and least time-consuming method for doing

so. Instead of upgrading or purchasing new hardware, upgrading the telecommunications lines and rewriting application programs, you can use 3270 SUPEROPTIMIZER/CICS to:

- Maximize the speed and power of your existing CPU
- Give existing telecommunications lines more capacity by reducing line utilization
- Seek alternatives to reduce telecommunications line costs
- Reduce need for faster lines
- Add new lines at lower speeds
- Reduce current line speeds
- Extend existing lines to additional sites
- Lower costs for X.25 and packet-switched lines, which are billed by the number of characters transmitted
- User lower speed modems
- Add more terminals to existing control units
- Delay upgrading the 37xx communication controller, even as the network grows
- Improve other operations

By reducing the number of characters transmitted over your network, 3270 SUPEROPTIMIZER/CICS provides benefits to other areas of your operation. The host application, telecommunication access method, NCP, and modems all have less work to process. The access method and NCP require less storage when processing the data stream. The number of line turnarounds is decreased. Terminal security is increased because abbreviated lines are harder to piece together. Local response time improves. Because the path from the local terminal or printer to the host is already short and fat, it is often presumed that local

response time cannot be improved.

However, 3270 SUPEROPTIMIZER/CICS can make a difference:

- Response time greatly improves for a graphics stream, such as mM\*'s GDDM graphic displays or other online applications that use either programmed symbols or vector graphics
- Response time improves by reducing the amount of data and orders to be processed on 3274 control units
- The bottleneck is removed in the telecommunications method. such as VTAM. if there is a large local data stream and transmission throughout has been limited

### Patented technology

BMC Software has been providing products to optimize data streams since 1980, and is an expert in data stream optimization. 3270 SUPEROPTIMIZER/CICS is built on technology recognized by six patents.

### About BMC Software

BMC Software is the leading provider of management solutions that enhance the availability, performance and recovery of companies' business-critical applications. This *application service assurance*<sup>™</sup> strategy combines superior products with BMC Software Professional Services and outstanding customer support to ensure the e-business applications companies and their customers rely on most to stay up and running around the clock. For more than 20 years, the world's leading companies have relied on BMC Software.

BMC Software is among the world's largest independent software vendors, is a Forbes 500 company and is a member of the S&P 500, with fiscal year 2000

revenues exceeding \$1.7 billion. The company is headquartered in Houston, Texas, with offices worldwide.

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