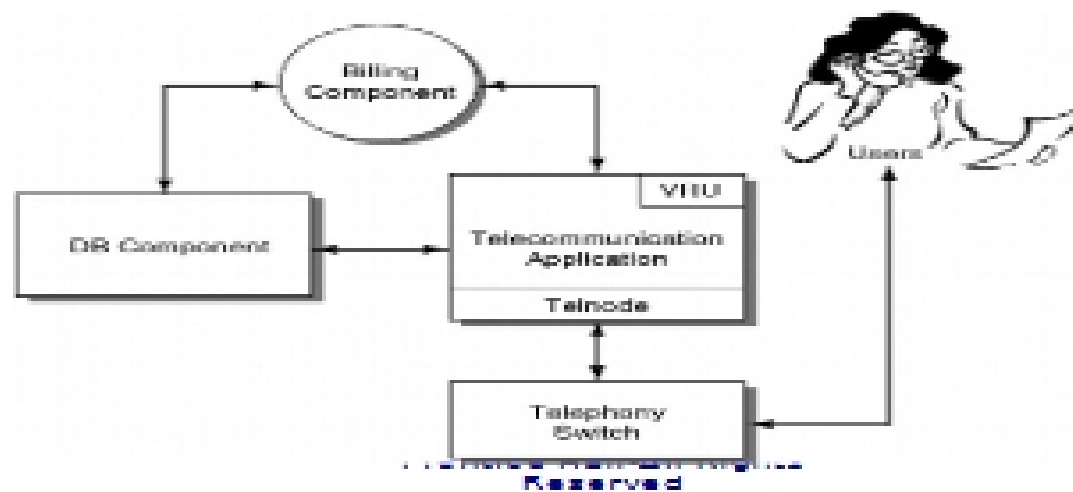


CS 550  
Comparative Operating System

ChorusOS OPERATING SYSTEM

**Figure 1.15 Distributed System Example.**



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**Abstract:**

This report represents a technical overview of ChorusOS Operating System and its benefits and features. It also contains a brief description of the operating system components such as core executive, schedulers, memory management, communications, time services, synchronization, I/O management, file systems and networking.

**Introduction:**

The ChorusOS operating system is a highly scalable and reliable embedded operating system that has established itself among top telecom suppliers. The ChorusOS operating system is used in public switches and PBXs, as well as within access networks, cross-connect switches, voice-mail systems, cellular base stations, web-phones and cellular telephones.

The ChorusOS operating system software is the basis of the Sun embedded telecom platform, and provides the embedded foundation for Sun's Service-Driven Network. Offering high service availability, complete hardware and software integration, management capabilities and Java technology support dedicated to telecom needs, the ChorusOS operating system allows the dynamic and cost-efficient delivery of new features while maintaining the reliability and functionality of existing networks.

An open and flexible solution, the ChorusOS operating system also allows developers to rapidly respond to customer needs and market conditions by quickly and cost-effectively creating and deploying new services and mission-critical applications. With enhanced networking features, the ChorusOS operating system seamlessly supports third-party protocol stacks, legacy applications, real-time and Java technology based applications simultaneously on a single hardware platform.