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ANALYSIS OF A CONVERSION TO
DISTRIBUTED DATA PROCESSING

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by

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With love

to my wife, Elizabeth

and my children

Elizabeth, Sergio, and Erica

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I. Background

This is a study of one bank which is a nationwide service organization, consisting of a central office and regional offices. Regional offices are distributed across the country according to geographical locations. Each regional office controls branches that are allocated in that region.

The bank presently runs its applications at central office on a large computer. Over the years both the bank's business and organization have expanded to the point where the current centralized system no longer has the ability to satisfy information needs within the organization; instead operations are becoming increasingly difficult to handle. Along with this, management has issued a general policy, indicating a strong desire for decentralization.