

Application Performance Tuning

Application Tuning	<ul style="list-style-type: none">• Implementation of Application Performance Tuning (APT) methodology and tools.• Through the use of APT, developers were able to identify and correct inefficiencies in computer applications.• For example, the Cash Letter End-Of-Day processing used to take from 45 to 60 minutes to complete. During that time, no other Cash Letters could be created. As a result of using APT, processing time has been reduced to 6 minutes.• With another application, this effort resulted in a 28% decrease in computer usage.• It supported a 40% increase in accounts without the need for additional computer resources.• It significantly lowered the cost of processing an account, 25% to 50% below the industry average.• Nine (9) applications participated in this effort for total annual savings of over \$2.5 million.
Application Performance Tuning	<ul style="list-style-type: none">• Analyzed of the "Top-20" most resource intensive programs and transactions in each application.• Documented tuning opportunities and assisted developers in taking necessary changes.• Documented throughput improvements and cost savings.• Developed, tested and implemented an automated tracking and reporting system.• Worked with in-house staff and the software vendor, to promote training and certification.
Deposit and Loan Tuning	<ul style="list-style-type: none">• Reviewed Strobe installation.• Documented the critical path of the Loan and Deposit applications.• Identified resource intensive programs within in these applications.• Identified resource consumptive programs and transactions throughout the system.• Analyzed selected programs, reviewed results, developed recommendations and reviewed findings.• Determined amount of effort required to implement changes.• Oversaw the implementation of these changes and documenting the improvements.• Captured, tracked and reported the saving and benefits.
Application Performance Management	<ul style="list-style-type: none">• Identified 10 applications for performance improvement.• Modified specific programs, DB2 tables, and JCL in each application.• Tested the changes and migrate the programs into production.• Collected performance information and compare the difference.• Captured, tracked and reported the saving and benefits.• Integrated Application Performance Management into the Development Life Cycle.

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Resource Reclamation	<ul style="list-style-type: none">• Managed a performance tuning effort to reduce batch run time and meet level of service agreements.• This project analyzed critical paths, made program changes, and reduced critical path execution time.• The project created an automated process for performance tuning information to be available to application developers.• This included development of a Web site, and introduction of three new performance-tuning tools.

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