

## OGIS lowers total cost of ownership with IBM @server zSeries software tools.

### Overview

#### ■ Challenge

Reduce tool maintenance and licensing costs for the IBM @server® zSeries®, which were escalating at the rate of 20% to 30%

#### ■ Solution

OGIS replaced third-party software tools with IBM tools for security management, development support and data management to reduce costs and increase productivity

#### ■ Why IBM?

IBM software tools enjoy a good reputation and are in use at more than 3,000 organizations worldwide

#### ■ Key Benefits

Full percentage point reduction in licensing and maintenance costs; increase in productivity; good performance and elimination of excessive fine tuning

OGIS-RI CO.,LTD.:Company Profile - Microsoft Internet Explorer

Address http://www.ogis-ri.co.jp/english/index.html

Japanese is here

OGIS-RI  
Osaka Gas Information System Research Institute Co., Ltd.

HOME (COMPANY PROFILE) QUERY FORM

### Company Profile

**OGIS-RI provides total solutions matched to each and every client.**

What is required for a systems integration company to provide the best possible e-business solutions to its clients?  
The answer is the ability to provide "total solutions" backed by advanced capabilities in both technology and business. OGIS-RI fits the bill perfectly, offering consulting, IT strategy development, and systems design, development, operation and management providing seamless, integrated solutions.

Company Name	Osaka Gas Information System Research Institute Co.,Ltd.
President	Masakazu Kato
Established	June 29, 1983
Capital	400 million (wholly owned by Osaka Gas Co., Ltd.)
Sales	30.7 billion (fiscal year 2001)
Number of employees	1,067 (M/829, F/238) (as of April 1, 2002)
Business Contents	<ul style="list-style-type: none"> <li>*IT Consulting</li> <li>*Information Strategy Drafting</li> <li>*Systems Integration</li> <li>*Systems Development</li> <li>*Network Construction</li> <li>*Support Services</li> <li>*Systems Operation/Maintenance</li> </ul>

IBM software tools helped OGIS reduce the cost of upgrading its mainframe computer.

Originally formed as the IT systems subsidiary of Osaka Gas, OGIS Research Institute Co., Ltd. (OGIS) is a provider of information technology solutions that meet the needs of its customers in a wide range of industries. OGIS provides a complete solutions menu, from consulting and information strategy to the design, development, operation and management of information systems. OGIS is also undertaking the design of ERP and CRM solutions for Osaka Gas. Based in Osaka, Japan, the company had sales of ¥30.4 billion (US\$270 million) in the 2002 fiscal year.

*“Functionally, IBM Software Tools can be used as a replacement for the old software, so we were confident that we could expect an increase in productivity.”*

*—Kazuyoshi Gado, General Manager, Operation Engineering Department, Operation Service Division, OGIS*

## Rapidly implementing resilient, secure on demand solutions

### Key Components

#### Software

- IBM Security Server RACF®
- IBM File Manager for z/OS®
- IBM Fault Analyzer for z/OS
- IBM IMS™ High Performance Unload for OS/390®
- IBM IMS Index Builder for z/OS
- IBM DB2® High Performance Unload for z/OS

#### Servers

- IBM @server zSeries

A user of IBM @server zSeries mainframe, OGIS was experiencing increased maintenance and licensing costs for the third-party software tools it had been using to facilitate CPU upgrades. According to Kazuyoshi Gado, General Manager, Operation Engineering Department, Operation Service Division, OGIS, “Even calculating simply, the tool cost for upgrading the mainframe CPU is ¥1million (US\$9,164) for every million instructions per second (MIPS) improvement. An improvement of 100 MIPS means a cost increase of ¥100million (US\$916,380). This type of upgrade was carried out frequently, and led to a 20 percent to 30 percent increase in software tool maintenance and licensing costs.”

Seeking an alternative to the tools it had been using, OGIS chose IBM software tools for security management, development support and data management. “Functionally, IBM software tools can be used as a replacement for the old software, so we were confident that we could expect an increase in productivity,” says Mr. Gado. “In addition, IBM software tools enjoy a good reputation after installation at more than 3,000 organizations worldwide.”

With this in mind OGIS decided to replace its existing software with IBM Security Server RACF, IBM File Manager, IBM Fault Analyzer, IBM IMS High Performance Unload, IBM IMS Index Builder and IBM DB2 High Performance Unload.

### Decreasing maintenance costs

In regards to reducing costs, Akira Higashino, Technical Support Team Manager, Operation Engineering Department, Operation Service Division, OGIS, states, “By changing our security software to IBM Security Server RACF, the annual maintenance charge is avoided. Also, by changing our development support tools to IBM File Manager and IBM Fault Analyzer for z/OS, we have seen a full percentage point reduction in licensing and maintenance costs. A dramatic cost reduction can be expected.”

The IBM software tools help OGIS reduce costs because:

- *The single lump sum license payment for IBM software tools is less expensive than for other vendors’ software.*
- *IBM’s workload usage charge means that charges are based on the actual usage of a machine.*
- *IBM’s yearly subscription and support fee entitles the user to free version upgrades and new software releases at no extra charge.*

### Facilitating the migration

There were concerns regarding the difficulty of migration to and implementation of the new software and also concerns regarding the functional differences between the old and new software. To make the transition as seamless as possible, IBM Japan supported the changeover to each IBM software tool.

Mr. Hiroshi Taguchi of the Technical Support Team, Operation Engineering Department, Operation Service Division, OGIS, was in charge of introduction of the Security Server RACF. "I couldn't say that we had enough knowledge about Security Server from the outset. Because of our lack of knowledge, we carried out surveys and analysis of the security utility with the cooperation of IBM prior to installation," he says.

During the introduction of Security Server RACF, IBM participated in regular meetings as a migration project member and as the migration study continued, IBM was able to give support and offer proposals. From project initiation to the actual migration took about seven months. "Because security was involved, setting the timing of the migration was difficult, but we were able to make it happen smoothly," says Mr. Taguchi.

Mr. Yoshiro Eguchi of the Technical Support Team, Operation Engineering Department, Operation Service Division, OGIS, was in charge of implementing File Manager and Fault Analyzer. Commenting on IBM's support for the project, Mr. Eguchi says, "I received precise answers to my questions. I had to decide whether File Manager and Fault Analyzer were capable of the same functions as the third-party software we had been using. I have been working on what to do in cases where the same functions were not available and I am happy to say that any problems are on the way to being adjusted or fixed."

From implementation of File Manager in the test environment to implementation in the actual environment, the project has taken three months. According to Ms. Tomoko Nagao, Technical Support Team Leader, Operation Engineering Department, Operation Service Division, OGIS, "Migration to IMS HP Upload and IMS Index Builder has taken two months, and for DB2 High Performance Unload, it is expected to take four months."



*Besides saving costs, OGIS intends to package its migration experience and market it as a solution to other companies.*

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*–Akira Higashino, Technical Support Team Manager, Operation Engineering Department, Operation Service Division, OGIS*

## IBM tools in action

Today, the performance of IBM tools is good, and the bother of excessive fine-tuning has been eliminated.

"From a user's perspective, I personally feel that the screen interface is easy to use. I would like to see the features and functions of File Manager put to good use and employed in the work of development employees in the near future," says Mr. Eguchi.

Regarding Security Server, Mr. Taguchi says, "There was no need to rely on third parties for appraisal surveys. There is a high level of compatibility with other IBM software, so there is no need for adjustments and fine-tuning. In the event of a version upgrade of the operating system, the version upgrading of Security Server is also guaranteed so that is another thing we don't have to worry about."

Ms. Nagao adds, "We are still in the process of testing DB2 High Performance Unload, so we can't comment on that tool, but IMS High Performance Unload and IMS Index Builder are performing better than we had expected so we are very pleased."

## Enhancing security, control and functionality

"Before implementation of the IBM software tools, each user managed security individually," says Mr. Taguchi. "But by switching to Security Server we have developed a new perspective which focuses on how we should protect the company's resources, including the information owned by each user. Based on this type of policy we have been able to strengthen our security administration framework."

"Both File Manager and Fault Analyzer have functions that aren't found in third-party vendor products, so from an operational viewpoint we are expecting an enhancement of functionality," says Mr. Eguchi. In regards to the implementation of IBM Software tools in new businesses of the Operations Service Department, Mr. Higashino concludes, "I now understand that migration from third-party vendor products to IBM software tools is an effective way of reducing costs. We are considering packaging this experience as a solution to sell to other companies."

## For more information

Please contact your IBM sales representative or IBM Business Partner

Visit our Web site at:

**ibm.com** /software/data/db2imstools

For more information about OGIS, visit:

[www.ogis-ri.co.jp](http://www.ogis-ri.co.jp)



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