

SUMMARY

Government agencies are playing an increasingly important role in social economy, cultural life, public institution and social service. While the government agencies possess extensive and valuable information resources to individual citizens and business enterprises. However, such information is not fully made available in the past. As the society are gradually requesting easier and more transparent access to relevant information of the government, something has to be done. Once information is easily made available, the supervision of functions of government agencies shall be further strengthened.

Guangdong Provincial Environmental Protection Bureau needs to establish an integrated application system for release of governmental information, information acquisition and official document exchanging. The overall system shall have a clear layered structure and be characterized by excellent openness, operability, maintainability and scalability.

CHALLENGES

Facing rigorous challenges in environmental protection, Guangdong Provincial Environmental Protection Bureau is in urgent need to promote its administration efficiency, strengthen its communication with the public and ease the labor intensity on information release.

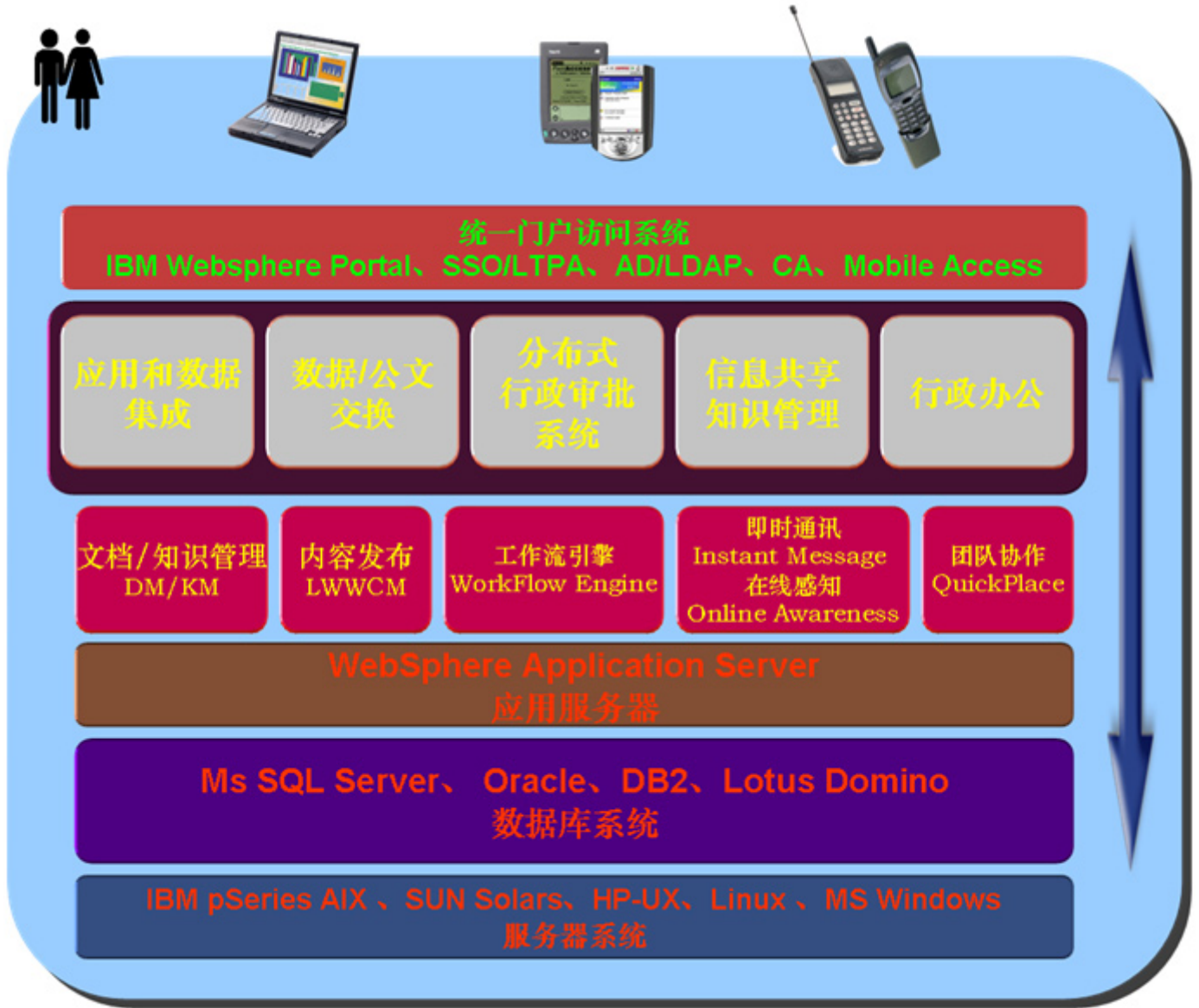
According to these requirements, Epro needs to further study its internal needs, which will involve heavy workload and professional technical supports.

SOLUTIONS

According to our understanding on user's requirements and our previous experience, Epro selects WebSphere Portal Server 5.0 (running on the AIX5.2 system of IBM P670) as the portal website integration middleware to configure the target program, so that it can be integrated with the Lotus Domino based Office Automation System of Guangdong Provincial Environmental Protection Bureau.

The solution also connects to various Microsoft.NET-based service systems, such as air quality daily system, city appraisal system, aquatic environment quality system, surface water domain classification system. Intra-bureau applications will be provided with such features as customization and single-point access, and various mobile terminal equipments capable of supporting current and future applications will also be furnished.

The overall architecture is as follows:



Note:

应用和数据集成 - Application & data integration

数据/公文交换 - Data/official document exchanging

分布式行政审批系统 - Distributed administrative examination & approval system

信息共享知识管理 - Information-sharing & knowledge management

行政办公 - Administrative office



BENEFITS

Guangdong Provincial Environmental Protection Bureau has successfully established a domestic-leading integrated application system for release of governmental information, information acquisition and official document exchange.

The overall system has a clear layered structure and is characterized by excellent openness, operability, maintainability and scalability. With the help of this system, the staff can accomplish remote access to the intranet and the office automation system, allowing easy processing of unfinished matters, e-mail, scheduled arrangements, private affairs and environmental protection related services and improving their work efficiency greatly.

Meanwhile, through the integration of various application systems, all prefecture-level cities can achieve instant submission of environmental protection related information and exchanging of computerized official documents, improving the coordination capacity of the entire environmental protection system and shortening the reporting cycle.

CUSTOMER INFORMATION

Guangdong Provincial Environmental Protection Bureau is a government agency responsible for the enforcement of state environmental policies. In so doing, the agency is also providing information, supervision and implementation of local environmental protection rules and standards of Guangdong Province, compilation of environmental protection plans, and organization of environmental domain classification.