

# Modernization of Legacy Systems with X-Gen Content Management System

## What is IBM AS/400?

IBM AS/400 (Application System/400) is a family of easy-to-use computers designed by IBM in June 1988 for small and medium-sized companies. It uses the OS/400 operating system designed to replace IBM's System/36 and System/38 platforms.

AS/400 continues to be actively used because it provides high-level security, has expandable hardware features.

There are more than 100,000 companies today using IBM AS/400 technology to power their most mission-critical applications. These companies are from a wide range of sectors, from banks to hospitals, manufacturing and distribution centers, retailers and government agencies.

## FileOrbis and IBM AS/400 Interaction

In addition to the existing FileOrbis APIs, FileOrbis has developed the FileOrbis Proxy API to integrate with IBM AS/400.

Thus, files hosted on IBM AS/400 can be easily and securely transferred to FileOrbis platform. These files can be securely shared with internal and external recipients regardless of whether they are employees or 3rd party contacts, and security levels can be increased by going through the following security steps provided by FileOrbis while transferring and sharing.

These steps are:

- Anti-Malware Scan
- Sandbox Scan
- Content Scan with DLP
- FileOrbis "Firewall" analysis



While the security levels of the shares to be made over AS400 are increased, their traceability and reportability can be increased at the same time. With the security link feature of FileOrbis, it is possible to add instant password, time limit, IP protection, etc. to the links, for external sharing, to be made over IBM AS400 by establishing an API supported connection.

For example, in order to provide functionality to IBM AS/400, the following usage scenario has been implemented using the FileOrbis Proxy API to securely transmit the report and system outputs created on the AS/400 to the end user.

**Need:** To transmit monthly sales reports generated on IBM AS/400 to business partners via e-mails in a secure way.

**Steps followed:**

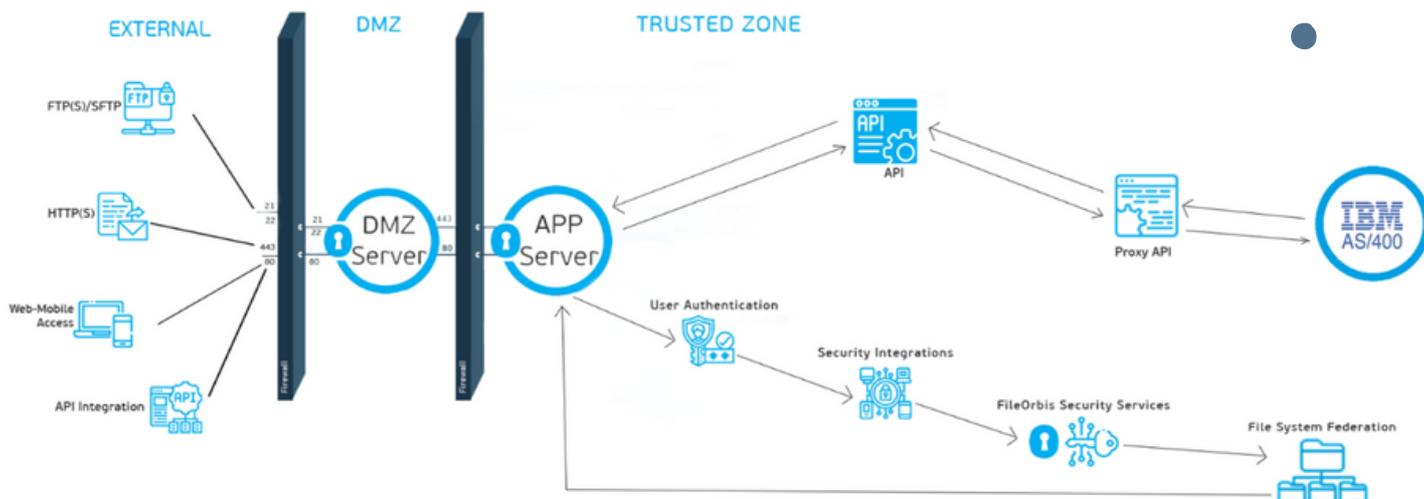
- 1) IBM AS/400 creates reports to be forwarded to business partners.
- 2) Login to FileOrbis system with a user specific to IBM AS/400 and upload the generated report to FileOrbis servers by making an http post request as a stream. The file is security scanned during the upload. As an additional security layer, uploading to FileOrbis is performed by passing an additional security filter according to the policies defined by administrators using FileOrbis Firewall and Security Policy settings. In addition, through the FileOrbis Data Governance module, it can be ensured that documents containing personal data (such as TCKN, credit card, etc.) are also detected.
- 3) The link of the uploaded report is created. If an e-mail address is entered while creating a link, the link will be sent to the e-mail addresses entered. In addition, while sending the link to e-mail addresses, a password can be set to access the link, access to the link can be forced with an instant password (providing access to the link with the code that will be sent to the phone), expiration date can be given to the link, IP restriction can be added, and many more features provided by FileOrbis It is also supported by the Proxy API built for IBM AS/400.

After this flow is completed, the reports of the links sent can be followed through the FileOrbis system. (For example, if the link was accessed by the business partners, the report was downloaded, etc.)

With FileOrbis' Firewall and policy mechanisms, rules can be processed on IBM AS/400 and additional security layers and setups can be added.

With FileOrbis' detailed sharing module, file shares can be set up on AS/400 with approval permission.

Many more features provided by FileOrbis can be used in accordance with AS/400.



In addition to common and currently used systems, FileOrbis can also work in harmony with systems such as IBM AS/400, which were widely used in the past and which are still used due to its security and hardware flexibility.