

Solution Brief **X-Analysis Advisor** 

**IBM i Application Modernization** 

# Simplify IBM i Application Management



# Key Features

# Open Source PHP

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Choose between WebSmart's PHP and ILE editions. PHP is a popular open-source language that helps attract new developers.

#### Integration

Create multi-platform web applications over Db2, MySQL or Oracle and integrate with other web applications and platforms using APIs and web services.

#### Leverage RPG and Your IBM i

WebSmart was built with RPG programmers in mind and makes it easy to integrate existing RPG and COBOL code to leverage your investment in IBM i.

### **All-Inclusive Subscription**

Enjoy flexible subscription-based access to WebSmart and unlock the power of a reliable, modern solution, designed to effortlessly adapt to your growing needs.

### **Rapid Development**

WebSmart's templates create the starting code base and its IDE includes productivity tools that streamline development.

#### **Strategic Applications**



Extend your ERP and develop desktop and mobile web applications for any business need (B2B order entry, e-commerce, invoicing, inquiries and more). X-Analysis Advisor is the key to unlocking the wealth of insights stored within your RPG, COBOL, and SYNON applications. It offers a robust set of features, including automated documentation, impact analysis, business rule extraction, application mapping, data model visualization, and code quality assessment.

The impact on your organization is profound, significantly boosting developer productivity, code quality, project estimation accuracy, and risk reduction.



X-Analysis is very valuable in understanding how to carve up the existing monolithic and procedural system into a services model. Understanding relationships leads to making the right decisions.

> Ryan Smith, IBM i Modernization Specialist





# **Understand Code Changes**

Confidently make code changes to your IBM i applications. Understand the impact across all your applications and data sources.

#### **Improve Effort Estimation**

Gain in-depth detail about the effects of change throughout your environment and where to focus testing efforts.

#### **Easily Visualize Applications**

Automated graphical documentation and data flow diagrams let you quickly find information about object use, access and parameters.

#### View "Where Used" Information

Track variables through all iterations and associations and highlight every object affected by a change.

# **Benefits**

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#### Automated Documentation and Impact Analysis

Visualize applications with data flow diagrams. Produce pseudo code for business analysts to highlight every object affected by a change.



# **Business Rule Extraction**

Automatically analyze and extract every rule. Share rules across the business in structured English.

#### **Relational Data Models**

Get a deeper understanding of your business. Automatically extract the data models from DDS, DB objects and other sources.

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# Metrics for Code Complexity and Quality

Analyze complexity and identify possible problems. Create metrics-based effort estimation models.

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# **Application Areas**

Manage all dependencies in your project. Identify object usage across functional boundaries.



#### **About Fresche**

Pioneers in IT modernization, Fresche manages, modernizes, and maximizes the value of IBM i business-critical systems. Our winning IP and proven solutions in Modernization, Cloud, Software and Application Services, and Strategy have earned the trust of global leaders from 2500+ companies.

Transform your IT challenges into future growth and innovation with Fresche Solutions.

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