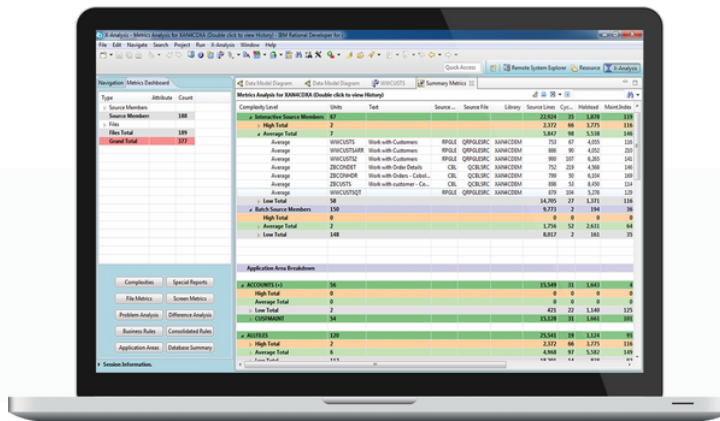# Analyze, Manage and Enhance Your IBM i Applications with Confidence

X-Analysis Advisor helps everyone in your organization benefit from the valuable information in your RPG, COBOL and CA 2E (Synon) applications. Fully integrated with RDi, X-Analysis Advisor provides impact analysis, extracts business rules, maps applications, visualizes data models, analyzes code quality and automatically generates complete system documentation. X-Analysis Advisor greatly increases developer productivity, helps improve code quality, improves project estimation and lowers risk, ultimately helping you reach your business goals.

With X-Analysis Advisor, You Can:

Document your entire system for better understanding and onboarding
X-Analysis Advisor analyzes your entire system and automatically produces real-time online documentation, including application and database diagrams. It accelerates planning and development and helps onboard new employees quickly.

Make code changes with confidence through complete impact analysis
X-Analysis Advisor gives you a complete understanding of the impact of code changes and their cascading effects throughout your system. This impact analysis greatly reduces risk, accelerates development and helps focus testing effort.

Understand and re-use the rules that run the business
X-Analysis Advisor extracts all business rules in IBM i applications, writing them in structured English to be shared across the organization, providing the basis for maintenance, modernization, package replacement analysis, and all types of audit.
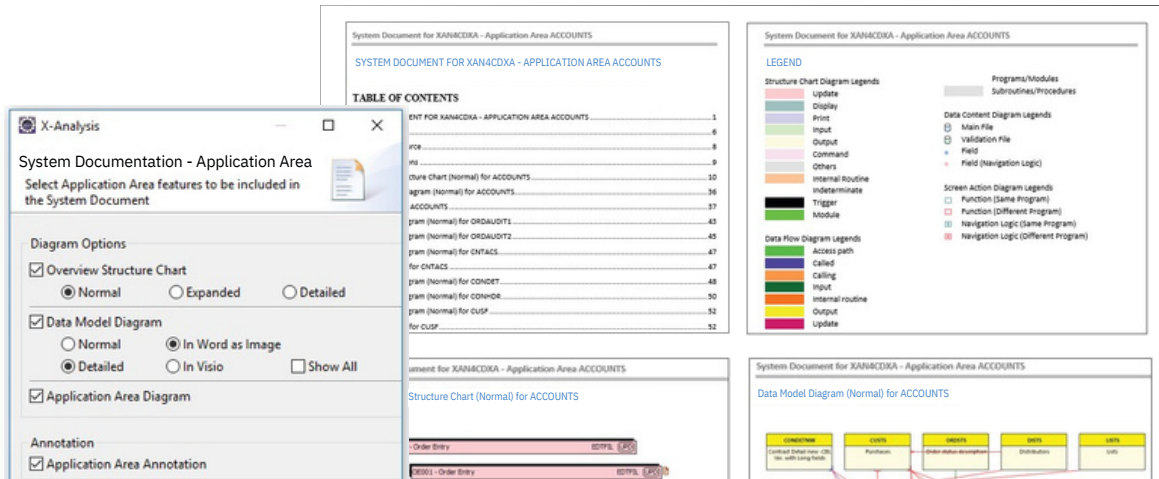
Manage, measure and compare code quality
IBM i applications have often been coded by many developers over many years. Having precise code quality metrics and problem analysis reports ensures consistency and accuracy, improves planning and enhances support for the business.

> "I would not attempt an application analysis or modernization without a tool like this. 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, Senior IT Architect, Enterprise Application Modernization — IBM Application Innovation Services

Read more stories at www.freschesolutions.com/en/success-stories

X-Analysis Advisor automatically generates documentation, extracts business rules, performs impact analysis and analyzes code quality.

Some of the key features in X-Analysis Advisor

Complete Automated Documentation

Full documentation at a user-defined level of detail:

• Visualize applications with data flow diagrams

• Produce pseudo code for business analysts

Impact Analysis

Powerful "where used" functions to track object use:

• Track all iterations and associated variables and fields

• Highlight every object affected by a change

Metrics for Code Complexity and Quality

Analysis to help you plan projects more accurately:

• Analyze complexity and identify possible problems

• Create metrics-based effort estimation models

Business Rule Extraction

Complete business rule repository to improve modularization:

• Automatically analyze and extract every rule

• Share rules across the business in structured English

Relational Data Models

Relational data model of your IBM i application databases:

• Automatically extracted from DDS, DB objects and source

• Provides a working model to support business and IT

Application Areas

Applications sub-divided according to user-defined criteria:

• Manage all dependencies in your project

• Identify object usage across functional boundaries

Need help getting started?

Our IBM i experts are available to help – as little or as much as you need. We can show you how to take advantage of all the productivity features of X-Analysis Advisor, or help you enhance development, improve project estimation and ensure consistency in your code base. Give us a call to learn more!

For more information, call KFA Connect on 0800 167 0844 or visit www.kfa.co.uk

About KFA Connect

KFA Connect have been looking after their customers' IBM i development and integration requirements for over 35 years.

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