Mainframe legacy application documentation automation

Reducing risk in crisis-driven application change

Many mainframe applications are under tremendous stress from the impacts of the COVID-19 crisis, due to the urgency and scale of the changes needed.

A change in risk strategy

Vintage COBOL routines are still core to many vital applications. Decades of changes have led to code and data fragmentation across most of these applications. This complexity, combined with the numbers of older experienced people leaving the industry, means that the risks and costs of application modernization have outweighed the benefits. The strategy has been "don't touch."

Now, many organizations have no choice but to modify their systems to handle the increase in demand and support new changes like unemployment payment eligibility and direct deposit, within a small window of time and with no room for error.

To reduce risk, they need automation that accelerates the accurate understanding of the existing applications.

Automation for intelligence

Mainframe legacy application documentation automation provides a fast, secure and automated extraction capability of the key knowledge, such as logic and data flows, embedded within the legacy

system code. It presents the results in an interactive documentation set that can be shared across your development and testing teams.

It's powered by our ZDLC™ IT Knowledge Automation capability, which is one of the key components of our proven solution for the digital transformation of mainframe applications.

Reducing risk

Mainframe legacy application documentation automation significantly reduces the risk of change by automatically creating interactive visual documentation of the applications from the COBOL code and associated files. These can be annotated and shared across development and test teams, increasing productivity and throughput and reducing the time and effort needed to understand applications.

Our ZDLC team will provide support during the initial setup to help you get up to speed quickly.

Cognizant supports critical legacy applications for many customers, and we also offer a wide set of modernization services and support.

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Client outcomes

A global insurance provider was struggling to move four complex applications from its mainframe to a commercial policy administration platform, because of outdated documentation and a lack of subject-matter experts.

By automatically analyzing tens of millions of lines of code in thousands of COBOL programs and delivering precise knowledge across the teams, we were able to cut the project delivery timeline in half while streamlining the applications to reduce costs.

Summary

The precise knowledge extracted by mainframe legacy application documentation automation reduces the risks and costs associated with changing fragmented and poorly documented, but critical, COBOL applications.

To support our clients in these unprecedented times, we are making mainframe legacy application documentation automation using Cognizant ZDLC available **free** to qualifying clients for a limited time.

Contact

To learn more and to take advantage of this offer, please email Harsimran.Singh@cognizant.com

About Cognizant

Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 193 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at **www.cognizant.com** or follow us @Cognizant.

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