FLEXAGON™ FlexDeploy®

Flexagon Support Services

SOURCE CONTROL MANAGEMENT ADOPTION

Flexagon offers Professional Services for your initial FlexDeploy implementation and as your DevOps journey evolves. Our post-implementation services include many ways to expand and optimize your use of FlexDeploy, such as integration with new or existing test tools, automation of newly adopted products and cloud services, migration from one source control system to another, and many other use cases. Our experts guide and assist you, ensuring a collaborative and high-quality engagement from start to end. Our goal is to meet your unique needs, ensuring successful platform adoption and enabling efficient software delivery automation.

TRACEABILITY & ACCOUNTABILITY

QUALITY ASSURANCE

SCALABILITY

BACKUP AND RECOVERY

COLLABORATION

SOURCE CONTROL MANAGEMENT

In the realm of software development, the absence of robust source control management (SCM) presents a myriad of challenges that can significantly impede team collaboration and productivity. Without a structured mechanism to track code modifications, teams often find themselves grappling with confusion over who made what changes and why. This lack of version control not only hampers accountability but also elevates the risk of data loss due to inadvertent deletions or overwrites, leaving projects vulnerable to setbacks.

Moreover, the absence of a centralized repository for code complicates the release management process, increasing the likelihood of errors and oversights. In essence, the absence of SCM undermines collaboration, efficiency, and quality control, making it harder for teams to deliver high-quality software in a timely manner.

SERVICE OFFERING

At Flexagon, we understand the critical role that adopting an SCM system plays in achieving success in software development. We also know that adopting SCM doesn't have to be a painful process. With our tailored service offering, we guide customers through the seamless implementation of an SCM system within a concise timeframe of three contiguous weeks.

SERVICE HIGHLIGHTS

▶ Comprehensive Guidance

▶ Collaborative Consultation

▶ Tailored Branching Strategies

▶ Introduction of SCM Options

▶ File Structure Setup

▶ File Validation

▶ Comprehensive Documentation and Training

SERVICE OFFERING CONT'D

To start, a Flexagon consultant will collaborate with your team to understand current development processes and desired future state, enabling us to propose various branching strategies tailored to your needs, along with the pros and cons of each approach. Selecting the right branching strategy is essential for efficiently managing your source code and collaborating across concurrent project work.

Once the branching strategy is chosen and approved, the consultant will introduce several SCM tools to enhance the developers' experience. Each tool will be demonstrated, and the team will be informed of their respective advantages and disadvantages. We know that teams will generally select Git, however we will work with each group to select the solution that meets their unique needs.

Next, the consultant will work with the team to create the desired file structure within the SCM and organize files into appropriate folders. All files will undergo validation for correctness before being committed to the SCM.

Once all source files are committed, the consultant will document and train the team on the selected branching strategy, SCM tool, and overall SCM process in a hands-on approach. FlexDeploy pipeline automation and continuous delivery features result in higher-quality software and fewer errors in the development and delivery process.

CONCLUSION

Adopting a robust SCM is not just a best practice, but a fundamental necessity for modern teams. At Flexagon, we recognize the challenges inherent in this process and are dedicated to guiding you through every step with expertise and precision. By leveraging our tailored service offerings, teams can streamline their development processes, enhance collaboration, and ultimately deliver high-quality software with greater efficiency and confidence. With Flexagon as your partner, navigating the complexities of SCM implementation becomes a seamless journey towards success in the ever-evolving landscape of software development.

Learn how adopting SCM can transform your software delivery. **Talk to your Account Manager today.**

About Flexagon

Flexagon™ is the exclusive provider of a comprehensive, integrated DevOps platform that tames enterprise platform complexity. We make it simple for global leaders such as Caterpillar®, Heathrow and Queensland Government to drive continuous innovation through secure, quality software— achieving more customer value at lower cost with less risk. Learn more at **flexagon.com**

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