

What deployment pattern should I use to minimize the impact on my clients?

The blue-green development pattern should be used because it minimizes the impact on the users. This development pattern allows the developers to work on any issues in the software and improve on it, while all of the current users are still using the current version that is released (green version). This causes for efficient improvement on any of the previous stable versions that could have had tiny bugs or tiny operating system failures. While all of the users are still currently using the stable version. There is development being done and tested for any improvements on the software. Once the blue version is released the users can update the software and if they find any issues that had not been solved in the blue stage they can move back to the green stage at any moment and the developers can fix the new issues on the blue stage. With this pattern all users do not use any new versions in the development stage until it is thoroughly tested, and when it is ready they are moved to the new version all while still using the current stable version.

References:

https://docs.openshift.com/container-platform/3.7/dev_guide/deployments/deployment_strategies.html

<https://www.techmagic.co/blog/best-application-deployment-strategies/>