GitLab vs. SVN

GitLab compared to other tools

GitLab is the next-generation development toolset that covers 100% of your software development lifecycle.

GitLab unifies chat, issues, code review, CI, CD, and cycle analytics into a single UI. Unlike other source code management tools that only support a portion of your development lifecycle, GitLab delivers a unified experience for every step of the development lifecycle providing the most efficient approach to so ware delivery. So no matter what line of business you're in, GitLab gives you the edge to compete, innovate, and win.

FEATURES	GitLab	SVN
Distributed Git, on which GitLab is built, is fully distributed. Every user has a complete copy of the repository, allowing for much faster access to history, easier branching and an overall better experience.	✅	❌
Access Control For someone to commit to a local respository, no access has to be given in Git. At the same time, the owner of the canonical repository has the ability to restrict pushes to the repository or certain branches.	✅	❌
Powerful Branching A branch in Git contains the entire history that preceeds it. It's also created or moved towards instantly and easily shared.	✅	❌
Speed Git is really fast. Performing a diff, viewing history, committing and merging changes, obtaining any revision and any form of branching is much faster in Git than SVN.	✅	❌
Size Requirements A single repository in Git is typically a number of times smaller than the same repository in SVN.	✅	❌