# FlexDeploy for Salesforce

With companies focused on delivering high quality software faster, many are looking to DevOps and Automation solutions which help them achieve speed at scale, while improving quality and more effectively managing cost and risk. Managing Salesforce, the popular SaaS based CRM used by many companies to power all aspects of the sales lifecycle, is no different.

## The Opportunity

Migrating Salesforce changes across environments is usually a manual, tedious, and error-prone process. It is difficult to tell what needs to be migrated, and there isn't clear visibility into what has been migrated to each environment, when the changes were made, or by whom. Companies have tried various solutions, but keeping metadata in sync between sandboxes and organizations is a time consuming and error-prone challenge to say the least.

## The Solution

FlexDeploy's support for Salesforce changes all of that, establishing an automated and repeatable process for making changes across your test and production environments. FlexDeploy increases the speed of making changes by automating tasks which would have otherwise been performed manually or by scripts, which need to be developed and maintained over time. Automation significantly increases quality, and drives down the time and cost of troubleshooting issues. Visibility to what, when, where, and who improves significantly thanks to dashboards and reports that provide insight to real time and historical data associated with the Salesforce implementation. No more wondering what caused the issues, or having to scramble to execute audits. All the information you need, at your fingertips.

## Salesforce Before FlexDeploy

- Slow and error-prone changes across all environments, leading to unhappy IT leaders, Business, and Customers.
- Manual activities and script development/maintenance is costly, reducing the time spent on activities which directly contribute the business value.
- Deployments into test and production environments are error prone, negatively impacting business results and increasing the time spent troubleshooting and rectifying deployment related outages.
- Employee satisfaction is negatively impacted because developers and other highly skilled professionals spend time on lower-level activities which do not utilize their skills.
- Lack of automation results in poor visibility to changes and too much time spent figuring out what's deployed where, when changes were made, and who made the changes.

## Salesforce After FlexDeploy

- Increased speed and agility of software delivery results in the ability to deliver consistently, more often, and reduce the feedback cycle.
- Development, Operations, and Supporting teams can focus their talents and energy on applications and services versus lower-level tooling and manual activities.
- Automated deployments reduce errors, time spent troubleshooting, and the negative impact of outages across test and production environments.
- Employee satisfaction and retention improves significantly. Development and IT professionals do what they do best, and avoid the stressful nights and weekends dealing with production releases and issues.

## The FlexDeploy plugin provides the following capabilities

- Downloads metadata, settings, apex classes, and profiles from Salesforce orgs or sandboxes or loads metadata from a Source Control Management (SCM) tool such as Git or Subversion.
- Commit changes from Salesforce into SCM.
- Deploys metadata, settings, apex classes, and profiles to Salesforce orgs and sandboxes.
- Continuous Integration from SCM to a sandbox.
- Continuous Delivery of SCM changes through a gated release pipeline.

## Conclusion

The FlexDeploy DevOps platform makes it easy to establish repeatable and efficient processes for Salesforce implementations, including extensive automation, improved controls and repeatability, and visibility like you've never had before. FlexDeploy provides a comprehensive and integrated solution across Build, Deploy, and Release Automation, helping across the software delivery lifecycle.