



# Azure DevOps

Plan smarter, collaborate better, and ship faster with a set of modern dev services and the advice of Moresi.com

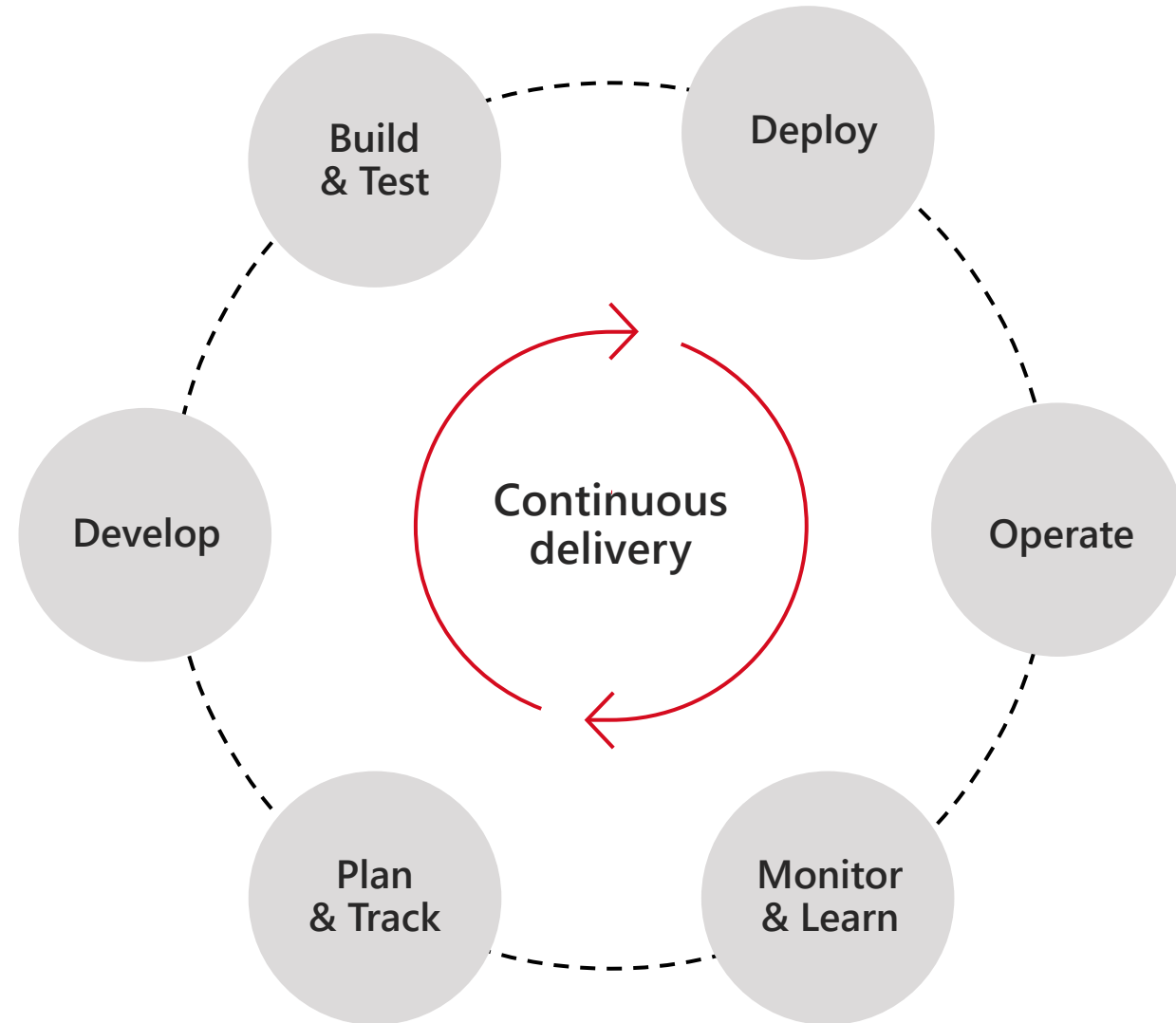


# What is DevOps?

DevOps is the union of people, processes and technology to continue delivering value to your end users.

DevOps is an Agile software development methodology, which improves the deployment process and the maintenance of the created contents.

It is an integrated logic in which the different aspects of Planning, Development, Testing, Deploy, Production and Monitoring are related within an organic and continuous process.

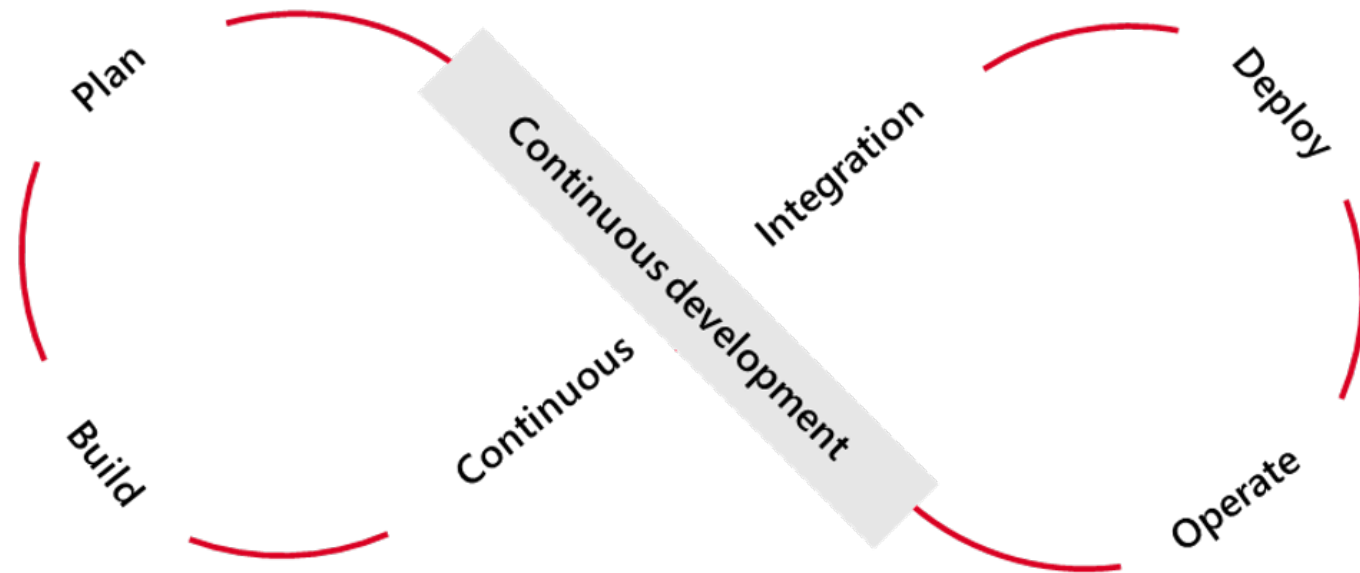




# Why DevOps?

With DevOps, programming and development work in a continuous cycle and in synergy on portions of the software and not on the whole application, which makes it possible to:

- speed up software release times
- improve code quality
- guarantee greater stability and security
- standardise the infrastructure
- automate distributions
- test the application in different environments
- ensure the success of the software





# What is Azure DevOps?

It is the complete solution offered by Microsoft for the management of software development projects.

It contains an entire ecosystem of services for software development and maintenance, from requirements gathering to release and monitoring of production systems.





# I servizi Azure DevOps



## Azure Boards

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To plan, monitor and discuss work between teams, and deliver value to your users faster



## Azure Repos

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Unlimited private Git repos hosted in the cloud. Collaborative pull requests, advanced file management and more



## Azure Pipelines

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CI/CD for any language, platform or cloud. Connect to GitHub or any Git provider and continuously deploy to any cloud.



## Azure Test Plans

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The test management toolkit and exploratory test that enables safe distribution.



## Azure Artifacts

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To create, host and share packages and easily add artefacts to CI/CD pipelines.

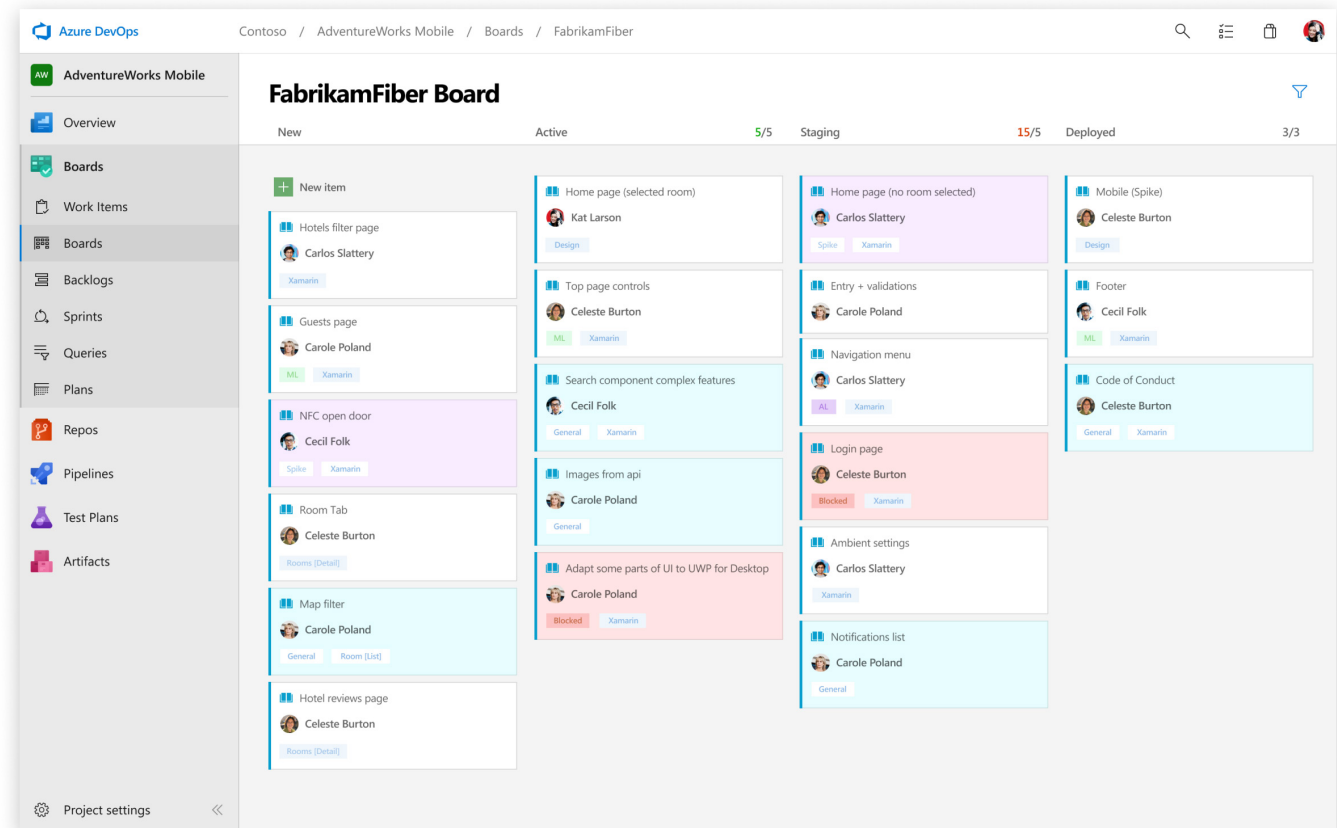


# Azure Boards



Keep track of work with Kanban boards, backlogs, team dashboards and customised reporting.

Combine sprint planning with drag-and-drop selection and flexible verification of work items with full tracking to get a perfect location to save all your ideas, big and small.





# Azure Repos



Free private Git repositories, pull requests and code search.

Get unlimited hosting of private Git repositories and support for Team Foundation version control scaling from a recreational project to the world's largest repository.

The screenshot shows the Azure DevOps interface for a project named 'AdventureWorks Mobile'. The left sidebar contains navigation options: Overview, Boards, Repos (selected), Files, Commits, Pushes, Branches, Tags, Pipelines, Test Plans, and Artifacts. The main content area is titled 'Pull requests' and shows a list of requests categorized by status: Mine, Active, Completed, and Abandoned. A 'New Pull Request' button is visible in the top right. The list includes requests such as 'Initialize client with .client.init', 'Use latest React version', 'Check returned identity for null status', '[WIP] Add tests for reticulating splines', 'Add exception mappings for disconnect', 'Maintain folder structure when converting isomorphs', 'Testing configuration settings', and 'Hotfix payload to Orion'. Each request entry shows the author's name, the request number, the target branch, and the time since it was created.



# Azure Pipelines

Get cloud-hosted pipelines for Linux, macOS and Windows. Build web, desktop, and mobile applications. Deploy solutions in any cloud or local environment.

Use Azure Pipelines to automate builds and deployments, avoid wasting time on technical details and let your creativity shine through.

Azure DevOps interface showing a pipeline build in progress. The build is titled "Enabling feature flags for Preview Attachment and Grid Views" and is currently running on a Linux job. The interface shows a list of jobs: Windows Job (Running, 1m 53s), Linux Job (Running, 3m 29s), and macOS Job (Running, 3m 07s). The Linux Job details are expanded, showing a list of steps: Prepare job (<1s), Initialize job (1s), Get sources (24s), Cmdline (28s), Nodetool (3s), and Install dependencies (2m 31s). The terminal output for the Install dependencies step shows the execution of yarn install v1.7.0, resolving packages, fetching packages, linking dependencies, and building fresh packages. The output also shows the execution of npm run compile and the removal of certain files.

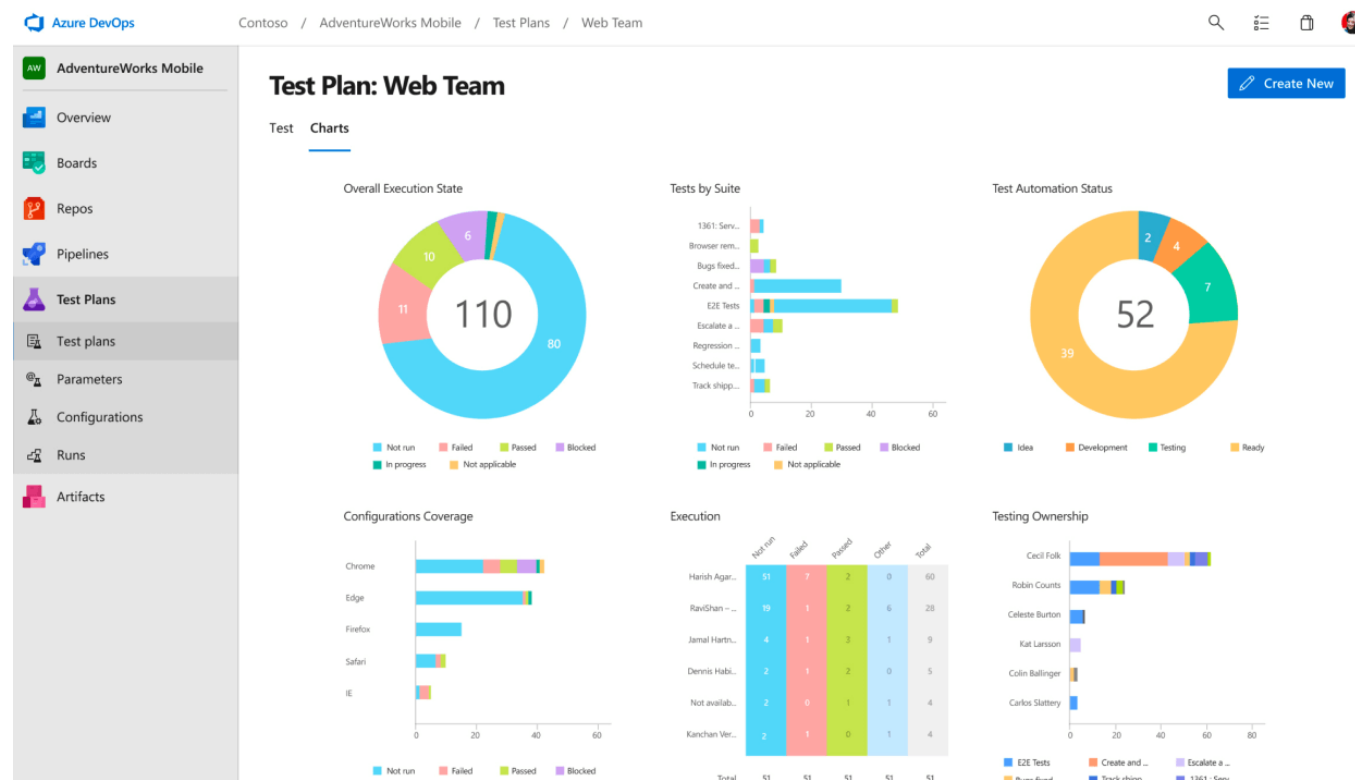




# Azure Test Plans

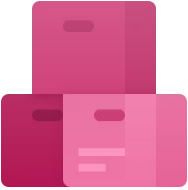
Planned and exploratory testing solution.

Improve code quality by using planned and exploratory testing services for your apps.





# Azure Artifacts



Add fully integrated package management to your continuous integration/continuous deployment pipelines with a single click. Create and share feeds for Maven, npm, NuGet and Python packages from public and private sources (frase già presente nella prima linea) with teams of all sizes.

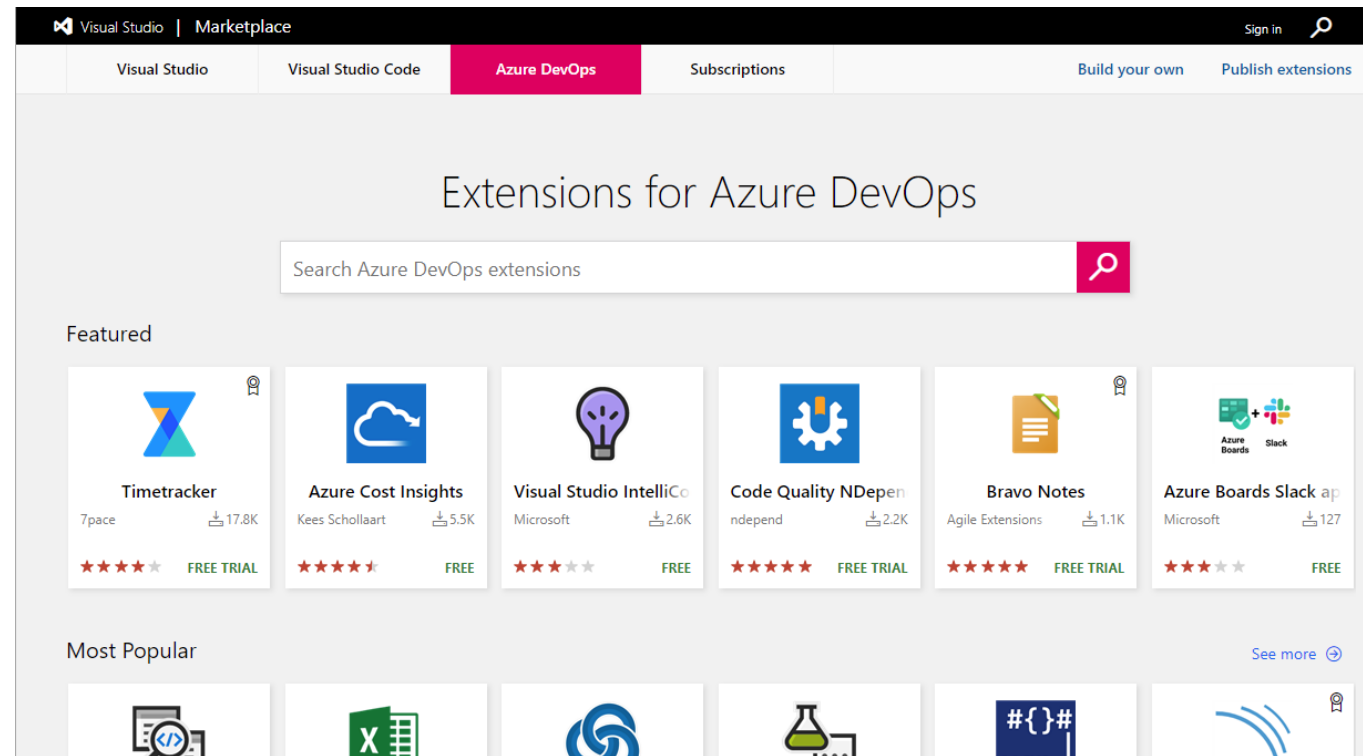
The screenshot shows the Azure DevOps interface for the 'AdventureWorks Mobile' project, specifically the 'Artifacts / Packages' view. The left sidebar contains navigation options: Overview, Boards, Repos, Pipelines, Test Plans, and Artifacts (selected). The main content area displays a table of packages with the following columns: Package, Views, Source, Last pushed, and Description.

Package	Views	Source	Last pushed	Description
AdventureWorks.Framework Version 1.1.0		MyFeed	Yesterday	AdventureWorks core framework
adv-lib Version 1.3.3		MyFeed	2 days ago	libs for AdventureWorks front-end
com.adworks.app Version 2.0.2		MyFeed	2 days ago	AdvWorks Android app package
adventure-classifier-model Version 2.2		MyFeed	3 days ago	An object classifier for AdvWorks
adworks-build-tools Version 5.0.3		MyFeed	4 days ago	AdventureWorks development build tools
NUnit Version 3.11.0		NuGet Gallery	6 months ago	Unit testing framework for .NET
Newtonsoft.JSON Version 12.0.2-beta1	prerelease	NuGet Gallery	4 days ago	High-performance JSON framework for .NET
grunt Version 1.0.4		npmjs	13 days ago	The JavaScript task runner
express Version 4.16.4		npmjs	6 months ago	Fast, unopinionated, minimalist web framework
com.android.support.design Version 27.1.0		Maven Central	2 months ago	Add APIs for the Material Design specification
python-dateutil Version 2.8.0		PyPI	2 months ago	Extensions to the standard Python datetime module
numpy Version 1.16.2		PyPI	2 months ago	Fundamental package for array computing with Python



# Marketplace for extensions

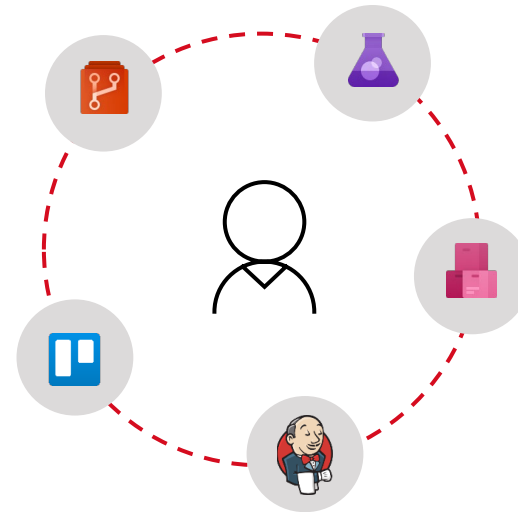
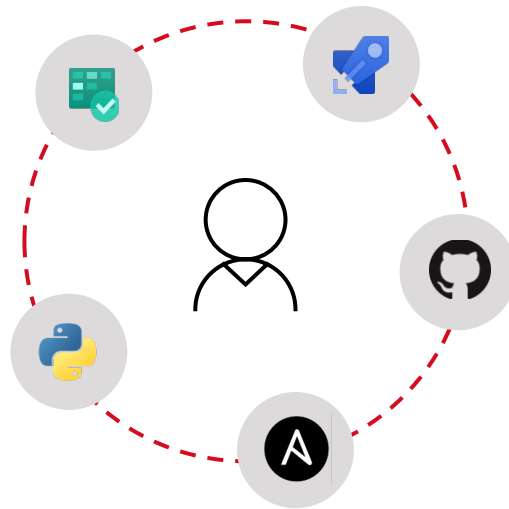
With Azure DevOps you have access to thousands of third-party and community-created extensions, apps and services for all your needs.





# Azure DevOps: full freedom of choice

Azure DevOps allows developers to choose the tools and languages that best suit their needs.



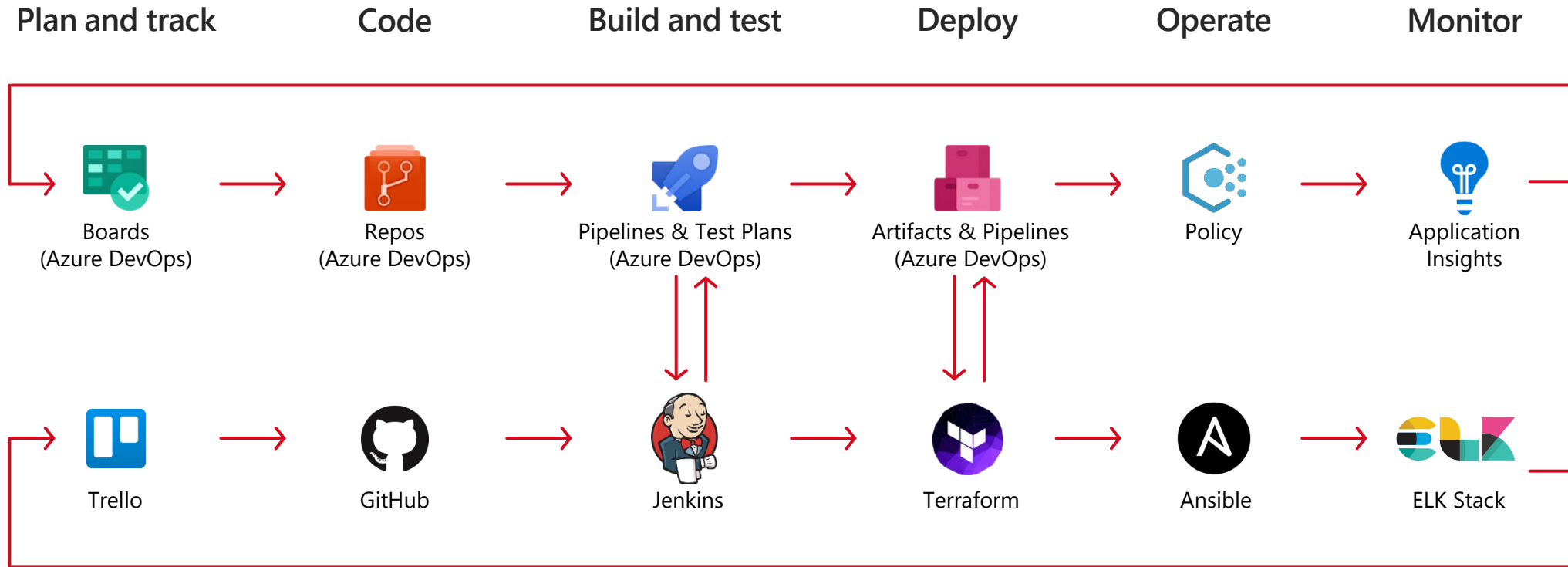
You can combine and match Microsoft, open-source or other preferred third-party tools to create your own workflow.

Puoi scegliere come target qualsiasi soluzione in cloud, on-premise oppure entrambe ed eseguire il deployment sui server di cui hai bisogno.





# DevOps su Azure: il framework

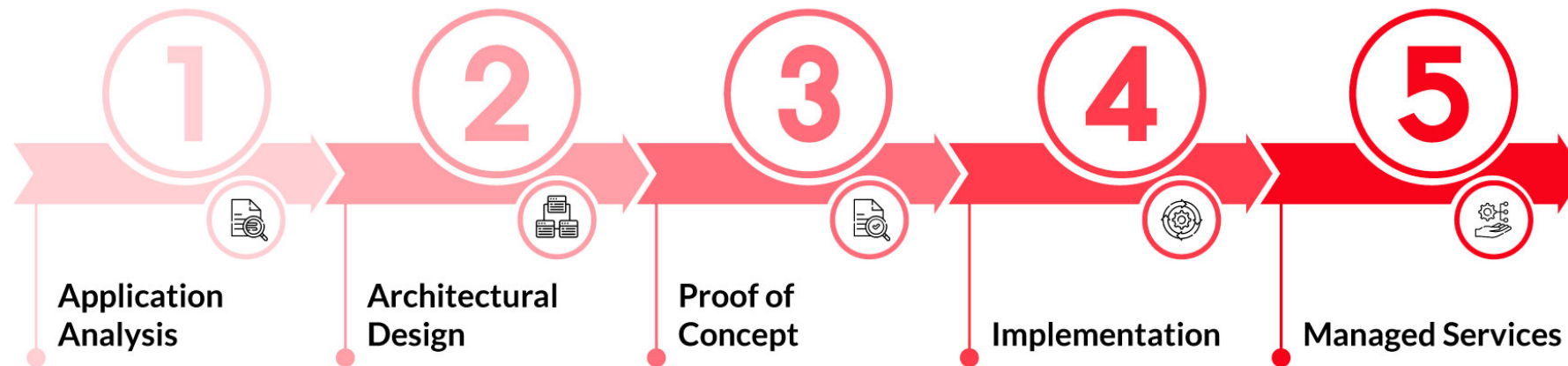




# Azure DevOps: Moresi.com's go-to-market approach

Whether on-premise, private or public cloud, the initial analysis of applications is crucial to understand which ones are eligible for DevOps methodology.

Moresi.com follows its clients in the transition to Azure DevOps with an end-to-end approach that starts with the preliminary analysis and follows all the phases, up to the management of the service.





# Moresi.com - Azure DevOps Assessment

**DURATION:** 2 weeks

**COST:** 2,000 CHF (for an evaluation below 5 applications)

- At the end of the evaluation, the client will receive a final document with the analysis report. The document will also present a proposal for an executive roadmap, with a detailed estimate of time and costs.
- Agenda: Day 1 - Kick off and preliminary call / Day 2-13 Analysis and evaluation / Day 14 - Delivery of the final evaluation document with results and roadmap.



# Moresi.com – Gold Partner Microsoft

The Gold DevOps competency demonstrates Moresi.com's expertise in working with different people, processes and technologies to continuously optimize customers' software development operations, infrastructure and deployment.

Gold DevOps is one of ten total competencies within the partnership with Microsoft, including:

Gold Application Integration, Gold Application Development, Gold Cloud Platform, Gold Cloud Productivity, Gold Small and Midmarket Cloud Solutions, Silver Collaboration and Content, Silver Datacenter, Silver Data Platform and Silver Data Analytics.

## Microsoft Partner



- Gold Cloud Platform
- Gold Cloud Productivity
- Gold Application Integration
- Gold Application Development
- Gold DevOps
- Gold Small and Midmarket Cloud Solutions
- Silver Datacenter
- Silver Data Platform
- Silver Data Analytics
- Silver Collaboration and Content