

A decorative graphic on the left side of the slide, consisting of a network of light blue lines and small circles, resembling a circuit board or a neural network, extending from the top to the bottom of the frame.

CONTINUOUS INTEGRATION/ CONTINUOUS DEPLOYMENT

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CONTINUOUS INTEGRATION

- Continuous integration is a practice where developer build, run, and test code on their own workstations.
- These code are integrated into a shared repository frequently focusing on small incremental changes.
- Automated tests are run to check the integrity of code making sure application is not broken.

CONTINUOUS DEPLOYMENT

- Extension of continuous integration
- Process which automatically deploys code changes to the development or production environment
- Executes any steps required to run the application with new code

BENEFITS

- Saves time by
 - Reducing defects — more automation, less manual changes
 - helps narrow down to the specific issue if one occurs for quick resolution
- Saves cost by saving time and effort
- Increased customer satisfaction