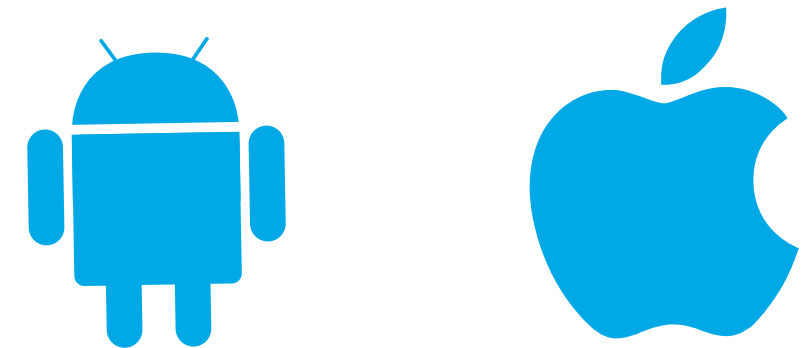




Real-time device access for your distributed DevOps and QA teams



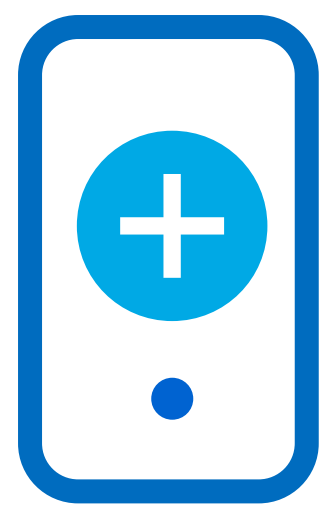
Supported Platforms



If you have geographically distributed DevOps and QA teams, purchasing and shipping devices for each location becomes tedious and expensive. Going with a public device farm means shelling out extra money on device rentals and unavailability of devices you need.

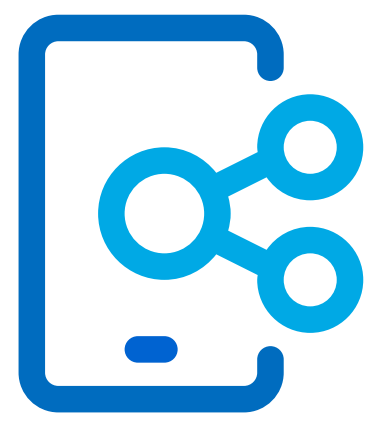
AstroFarm is a secure and cost-effective private mobile device farm solution that empowers your distributed QA and DevOps teams with real devices they can access from anywhere, anytime, while maximizing ROI and minimizing e-waste. With AstroFarm, you get an uninterrupted testing experience—claim a device, use it for as long as needed, and then release it for your teammates to use. It's that simple.

Key Features



Fast Device Enrollment

Connect multiple devices from an office device rack or from a contributor machine to a hub in minutes.



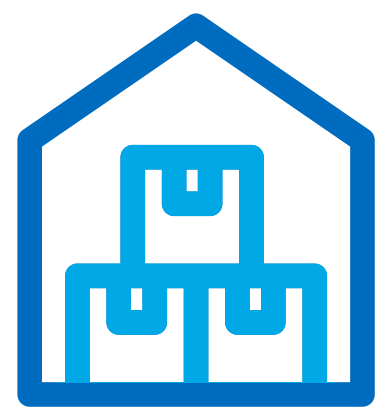
Connect and Share from Anywhere

Allow your distributed teams to remotely connect their Android, iOS, or iPadOS devices to the private device farm.



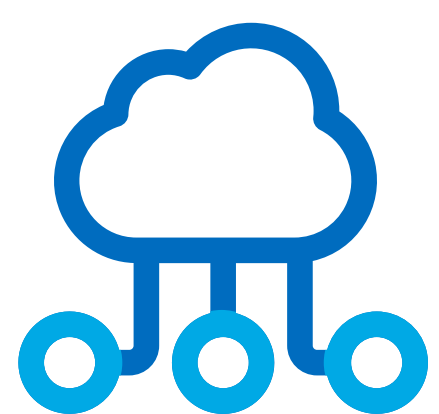
Remote Control and Remote View

Development/Testing teams can easily claim a device to remotely view, control the device screen, and use it for development or testing.



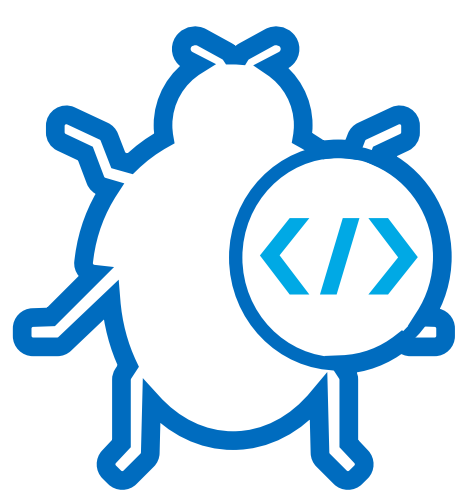
Instant Inventory Review

Keep track of all your devices from a central console.



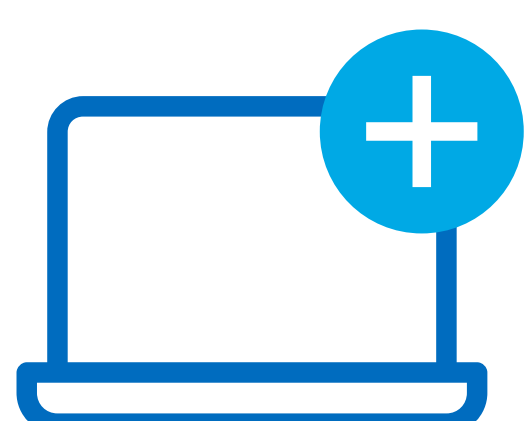
Cloud Hosting and Support

Capitalize on secure and dedicated cloud hosting for your farm.



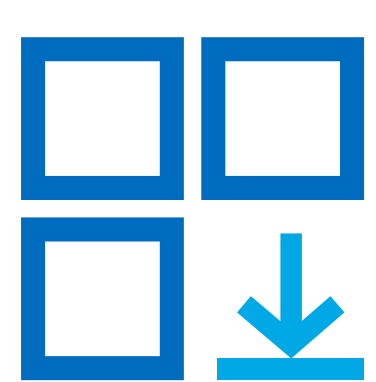
Automation testing and Remotely Debug Source Code

WebDriverAgent (WDA), iOS Development Bridge (IDB) interfaces for connected iOS and iPadOS, and Android Debug Bridge (ADB) for Android devices allow for remote code debugging and test automation. Facilitate single stepping during debugging on remote Android devices with Android Studio and iOS/iPadOS devices with Xcode.



Dynamically add devices via CI/CD pipeline

If a pipeline has already been defined in GitHub, GitLab, or Jenkins, AstroFarm provides REST APIs that allow the pipeline to dynamically procure devices, establish a connection, and begin running a test suite as if the devices were physically connected to the CI/CD server physically.



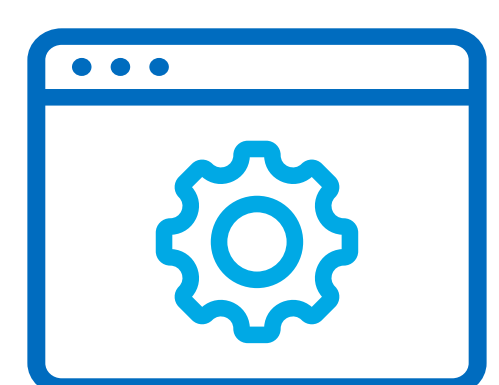
Install Apps and Transfer Files

Install iOS App Store package (IPA) and Android Application Package (APK) files on connected Android and iOS/iPadOS devices.



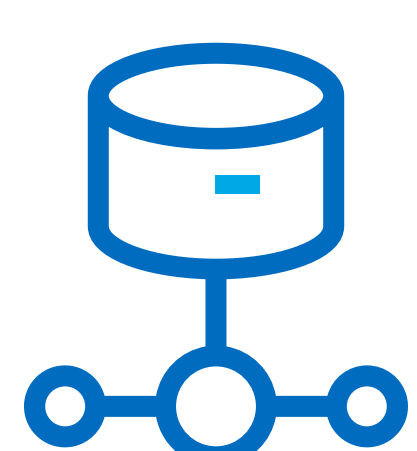
View device logs and analyze device health

Retrieve the logs of connected devices from the console while in use for troubleshooting and analysis purposes.



Browser-Based Access

AstroFarm can be easily accessed through device browsers, making it quick and easy to control the devices you need anytime.



Windows and Linux host support for iOS and iPad OS

AstroFarm users can use iOS and iPadOS devices from Windows and Linux web browsers. You don't have to rely on just macOS for running tests on iOS/iPadOS devices.



Track device health and resource allocation in real-time

Track Memory and CPU utilization in real time during the test session. View device performance history and make informed decisions.

Why AstroFarm?



Ensure device availability to distributed teams and boost productivity.



Define access privileges with Contributor Management.



Take device security in your hands by connecting devices you already own.



Choose from On-premise and SaaS models.



Increase device utilization and ROI by using existing devices.



Get better user management with third-party IDP or built-in controls.



Leverage cloud hosting to access devices from anywhere, anytime.



Get feature customization support based on your needs.

AstroFarm is specially curated for DevOps & QA teams, ISVs & OEMs and IT Support Teams.



App Development and Testing teams

- ▶ Plug and play with Agentless device enrollment.
- ▶ Code Development, Debugging, Manual & Automation testing on real devices.
- ▶ Reduce e-waste through better device utilization across the organization.



ISVs and OEMs

- ▶ Save on device shipment costs and time.
- ▶ Provide quick and easy access to new devices to remote teams in all corners of the world.
- ▶ Build a device farm at the device production site as a device rack.



Support Teams

- ▶ Support teams can ask customers to enroll devices in AstroFarm for device-specific issues.
- ▶ Troubleshoot issues with Remote Debugging.
- ▶ Save on potential device shipment or travel to customer sites.

Integrations we support



Jenkins



GitLab



Xcode

About 42Gears

42Gears is a leader in enterprise mobility management, offering cutting-edge solutions that aim to transform the digital workplace. Delivered from the cloud and on-premise, 42Gears products support all major mobile and desktop operating systems, enabling IT and DevOps teams to improve frontline workforce productivity and the efficiency of software development teams. 42Gears products are used by over 18,000 customers across various industries in more than 115 countries and are available for purchase through a global partner network.


Get in touch and start a free trial today!

Contact Us

 sales@42gears.com




Americas HQ

 +1-424-284-2574




Europe/Africa HQ

 +44-161-394-0338



APAC/ME HQ

 +91-80-61957000

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