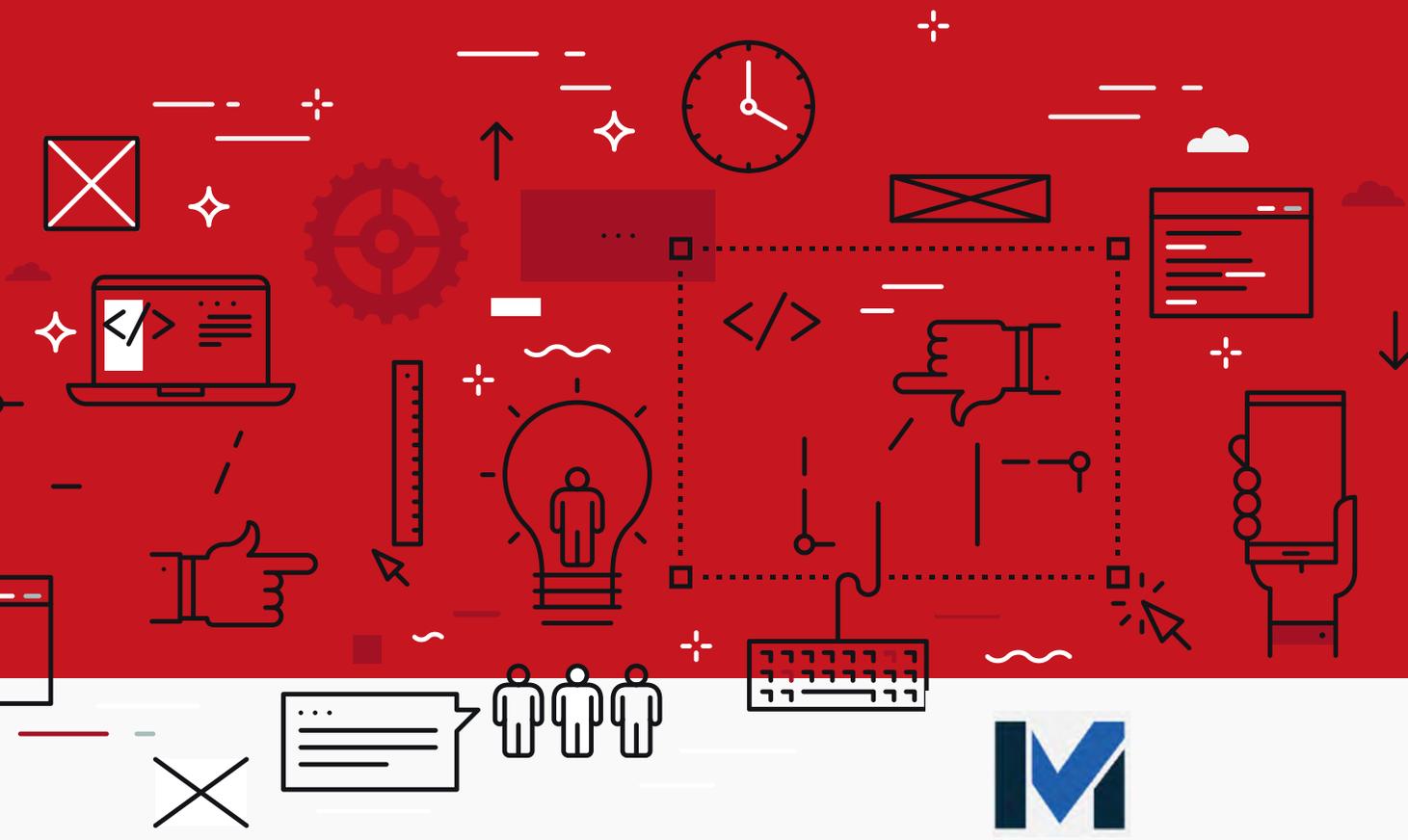


# How Motoinsight reduces time to market and costs with QA environments.

Motoinsight is one of the fastest growing technology companies in Canada. The company is constantly adding new products and expanding their engineering team. To maintain their products' customer experience, Motoinsight utilizes development best practices including test automation and continuous integration.



Website: [www.motoinsight.com](http://www.motoinsight.com)  
Industry: Internet  
Employees: 80+

## The Challenge



Before Squash Motoinsight's engineers used to manage several development servers hosting thousands of docker containers. Their products and code base is particularly complex with multiple Docker files and apps on the same code repository.

Besides all the server management time, engineers also struggled with a variety of issues:

- ✓ Time wasted starting and updating test deployments manually and having to analyse logs directly in the server.
- ✓ Stability issues due to multiple containers competing for resources on the same host server. The lack of an auto shutdown policy would also leave many stale containers in the host server causing performance issues.
- ✓ Lack of a robust solution for dealing with multi-level subdomains and SSL certificates.
- ✓ Configuration issues that would arrive due to new products and different setups.
- ✓ As they hired additional team members it required more servers, manual work and maintenance.

## Why Squash?

Squash supports Docker natively and microservices through docker-compose, seamlessly integrating with Motoinsight's workflow and codebase. The setup is quick and smooth through a GitHub integration and powerful configurations in a yml file.



Neal Shah | Chief Product Officer



**Before using Squash managing test deployments was a time consuming and painful task for us. Squash has significantly simplified the setup of our test environments, allowing us to preview branch changes quickly with stable test deployments. It gets the job done with zero maintenance overhead. Bonus point for helping us to reduce server costs.**

# The Solution

Since deploying Squash Motoinsight has managed to eliminate test environment related issues and save on server costs and engineering time, time that is now used towards developing innovative solutions for the auto industry.

Motoinsight developers can now deploy a branch of code for testing in minutes with a one-click deployment solution. Using auto shutdown policies they have managed to reduce server waste, keeping active only the test environments that are used. Multi-level subdomains work automatically with HTTPS without the need to manage SSL/TLS certificates.

Motoinsight is now able to iterate faster, with a reduced QA time and overall shorter time to market.

**450+**   
Engineering  
hours saved

**35%**   
savings in  
server costs

**5,000+**   
test  
deployments

  
**Fewer**  
bugs



## Source Code Integration

With Squash's GitHub integration Motoinsight's team get an automatic comment on each Pull Request with unique testing URLs per branch of code and Dockerfile. Being able to preview their changes on fully automated and isolated environments gives them the power to deploy to production with a level of confidence not otherwise possible.



## Supporting QA teams

Motoinsight leverages Squash deployments to support their growing QA team. The company no longer spends time on broken QA cycles due to environment related issues or manual accidental changes.

# About Motoinsight

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Based in Toronto, Canada, Motoinsight's flagship digital retailing platform MotoCommerce™ enables revolutionary omni-channel and e-commerce enabled car buying experiences.

Motoinsight data and technology are used by nearly every automaker, over 900 dealership franchises and the largest banks and insurance companies.

