

# Full Speed Ahead: Improve Testing in Your DevOps Environment

Does your testing environment meet the demands of a fast-paced, app-driven economy? You'll constantly struggle if you're relying on longstanding testing models. The reason is simple. Traditional testing just doesn't work in an agile DevOps setting.

You're not alone if you're facing any of the following challenges:



**70%** face complex, time-consuming requirements and test case design<sup>1</sup>



**75%** report the use of manual testing processes<sup>2</sup>



**86%** have difficulty generating or managing test data<sup>3</sup>



**100%** lack access to test environments<sup>4</sup>

This situation leaves your testing efforts marred by **delays and errors** that can lead to **defects and higher costs**. And these issues can create competitive risks as your responsiveness slows and apps become more costly to develop.

## Using CA's continuous testing solutions



You can **tackle these concerns** by deploying new capabilities to streamline and accelerate the testing of apps in your DevOps environment. That's exactly what CA customers are doing:



**73%** improved their test coverage by 35 percent or more, so they can test faster and test more<sup>5</sup>



**78%** increased automation throughout the testing process, achieving enhanced pipeline orchestration<sup>6</sup>



**89%** reduced the time spent generating data, supporting an all-you-can-burn test data environment<sup>7</sup>



**93%** used service virtualization to emulate systems and environments, enabling testing whenever it's needed<sup>8</sup>



## The results?



**Higher-Speed Testing**



**71%** improved the speed of their QA/testing process by 35 to 75 percent<sup>9</sup>



**Better-Quality Apps**



**68%** reduced production defects by 35 to 75 percent<sup>10</sup>



**Measurable ROI**



**67%** reduced testing costs by 35 to 75 percent<sup>11</sup>



So it's no wonder that:

**4/5 Stars**



represents the average rating received for the **continuous testing portfolio** from CA Technologies<sup>12</sup>



**67%**

rated CA's end-to-end test automation capabilities as superior compared to the competition<sup>13</sup>



**78%**

said CA's virtualized test environment capabilities surpassed the competition<sup>14</sup>



**97%**

ranked CA's test data generation and test data management capabilities above competitors<sup>15</sup>

Want to overcome your pressing challenges and improve testing in your DevOps testing environment?

Move full-speed ahead at [www.ca.com/us/info/continuous-testing](http://www.ca.com/us/info/continuous-testing)

1 TechValidate survey of 10 users of CA's Continuous Testing portfolio; TVID: A1C-744-515

2 TechValidate survey of 12 users of CA's Continuous Testing portfolio; TVID: E9E-E29-833

3 TechValidate survey of 14 users of CA's Continuous Testing portfolio; TVID: 64E-37D-D4E

4 TechValidate survey of 8 users of CA's Continuous Testing portfolio; TVID: A1C-744-515

5 TechValidate survey of 33 users of CA's Continuous Testing portfolio; TVID: FFC-6F6-761

6 TechValidate survey of 9 users of CA's Continuous Testing portfolio; TVID: 2F7-06A-11B

7 TechValidate survey of 9 users of CA's Continuous Testing portfolio; TVID: BCB-08D-628

8 TechValidate survey of 10 users of CA's Continuous Testing portfolio; TVID: 945-F12-4D8

9 TechValidate survey of 10 users of CA's Continuous Testing portfolio; TVID: D54-88F-3A1

10 TechValidate survey of 31 users of CA's Continuous Testing portfolio; TVID: 2E9-E05-543

11 TechValidate survey of 35 users of CA's Continuous Testing portfolio; TVID: 699-B08-083

12 TechValidate survey of 41 users of CA's Continuous Testing portfolio; TVID: 453-898-380

13 TechValidate survey of 30 users of CA's Continuous Testing portfolio; TVID: 887-253-826

14 TechValidate survey of 36 users of CA's Continuous Testing portfolio; TVID: 81A-9EE-941

15 TechValidate survey of 37 users of CA's Continuous Testing portfolio; TVID: CFF-903-B80