

# Engineering DevOps Assessment Services

[www.EngineeringDevOps.com](http://www.EngineeringDevOps.com)



Home of “*DevOps\_the\_Gray*”

Marc Hornbeek, Principal Consultant

[mhornbeek@yahoo.com](mailto:mhornbeek@yahoo.com)

Skype: mhexcalibur, Phone: (805) 908-5789

<https://www.linkedin.com/in/marchornbeek/>

DevOps continuous delivery, is sweeping your industry, enabling new levels of agility, stability, efficiency, quality, security and satisfaction. All enterprises must embrace DevOps or risk extinction. Yet the road to DevOps with continuous delivery is far from easy. The journey is fraught with risks if not guided objectively and expertly. Do you and your team have a clear understanding of what DevOps means to your organization? Do you know, precisely, how to accomplish DevOps Three Ways -- continuous flow, continuous feedback or continuous improvement? Do you have precise and measurable DevOps goals? What is the current state of your DevOps practices relative to good and emerging industry practices? What is your value stream current state and desired next future state? Do you have a clear roadmap that will get you to your future state effectively? If you do not have a crystal-clear answer to any of these questions, then you should consider engaging our assessment services. Together with our network of partners we deliver a comprehensive analysis and roadmap tailored to your goals. Contact Confinity to engage any of the following consulting services.

## Comprehensive DevOps Assessment

Call for quotation

The ***Comprehensive DevOps Assessment*** service covers end-to-end analysis of 27 critical success factors for an application value chain. The assessment includes nine DevOps disciplines – DevOps Leadership, Collaborative Culture, Design for DevOps, Continuous Integration (CI), Continuous Testing (CT), Continuous Monitoring (CM), Continuous Security (CS), Elastic Infrastructure (EI) and Delivery/Deployment (CD), and three dimensions -- People, Process and Technology. The assessment process includes preparation surveys, three interactive half-day workshops and a day of individual interviews conducted on client’s premises conducted over four consecutive days. The assessment is conducted with a cross-section of six to 20 leaders and key staff representing Dev, QA, Ops, Infra and InfoSec. The assessment includes DevOps Strategic Goal Analysis, Maturity Gap Analysis, and Value Stream Analysis. Proprietary assessment tools are used to efficiently guide and document the assessment process in real time during the workshops. Deliverables include fully documented and peer-reviewed implementation recommendations, a roadmap, success metrics and list of next steps and resources that will guide your DevOps journey to meet your DevOps strategic goals most effectively.

## Continuous QA Assessment

Call for quotation

Continuous QA is the heart of DevOps continuous delivery. Without Continuous QA there is no continuous delivery is not feasible. The ***Continuous QA Assessment*** service covers analysis of 15

categories of continuous QA critical success factors for an application quality value stream. The assessment covers DevOps test culture, Continuous test strategies, End-to-end test integration, DevOps test infrastructures, DevOps test frameworks, DevOps-ready test tools, Test creation, Test Acceleration, Test Analytics, Microservices and Containers, Database DevOps testing, DevOps Security testing, Continuous testing antipatterns, Continuous Test Management and Advanced continuous test topics. The assessment process includes preparation surveys, and four interactive two-hour workshops conducted over two consecutive days conducted on client's premises. The assessment is typically conducted with a cross-section of four to 12 leaders and key staff representing Dev, QA, Ops, Infra and InfoSec. Proprietary assessment tools are used to efficiently guide and document the assessment process in real time during the workshops. Deliverables include fully documented and peer-reviewed implementation recommendations, a roadmap, success metrics and list of next steps and resources that will guide your DevOps Continuous QA journey to meet your DevOps strategic goals most effectively.

## Continuous Delivery Toolchain Assessment

Call for quotation

Continuous Delivery toolchains provide the technology necessary for automation of the DevOps pipeline. Without Continuous QA there is no continuous delivery is not feasible. The ***Continuous Delivery Toolchain Assessment*** service covers analysis of seven categories of tools that are needed to form an effective toolchain for a value stream. The assessment covers Orchestration/automation frameworks, Design tools, Integration tools, test tools, monitoring/analysis tools, security, delivery/deployment tools and infrastructure tools. The assessment process includes preparation surveys, and four interactive two-hour workshops conducted over two consecutive days conducted on client's premises. The assessment is typically conducted with a cross-section of four to 12 leaders and key staff representing Dev, QA, Ops, Infra and InfoSec. Proprietary assessment tools are used to efficiently guide and document the assessment process in real time during the workshops. Deliverables include fully documented and peer-reviewed implementation recommendations, a roadmap, success metrics and list of next steps and resources that will guide your DevOps Continuous Delivery Toolchain to meet your DevOps strategic goals most effectively.

## Customized DevOps Assessment

Call for quotation

The ***Customized DevOps Assessment*** service allows you to tailor your assessment to match assessment requirements that don't fit the standard offerings. Examples of customizations may include abbreviated or extended workshop formats. Your custom assessment may cover a plurality of applications and pipelines. It may require special venues or specific preferences not addressed by packaged assessment services. It may include non-standard deliverables such as special analysis, benchmarks and reports. Assessments are typically conducted with a cross-section of leaders and key staff representing Dev, QA, Ops, Infra and InfoSec. Proprietary assessment tools are used to efficiently guide and document the assessment process in real time during the workshops. Deliverables typically include fully documented and peer-reviewed implementation recommendations, a roadmap, success metrics and list of next steps and resources that will guide your DevOps transformation to meet your DevOps strategic goals most effectively.

## Principal Consultant Credentials

Marc Hornbeek, known as "**DevOps\_the\_Gray**", is a very seasoned DevOps consultant, advisor, educator, mentor and author. Marc has **performed assessments for over 60 organizations** resulting in successful DevOps implementations and major improvements for those organizations. Marc is the author of the **Continuous Delivery Architect** certificate course and **DevOps Test Engineering** certificate course for the **DevOpsInstitute.com**, and a regular blogger on **DevOps.com**. Specialist / expert in DevOps assessments for enterprises that desire a practical roadmap to guide their DevOps transformation. Skilled with DevOps leadership, culture, Design for DevOps, Continuous Integration (CI), Continuous Test automation (CT), Continuous Delivery and Deployment (CD), Lab-as-a-Service (LaaS), DevOps Cloud Native and container infrastructures, automation, orchestration, Continuous Monitoring (CM), and DevSecOps. **Skilled with application of DevOps continuous delivery best practices** to enterprise, wireless, mobile, and IOT applications. IEEE outstanding engineer, Western USA. Senior IEEE member, 43 years. Many publications, industry events speaker, white label eBooks, blogs, webinars, white papers, pitch decks, patents. Credentials include **Executive MBA** - Pepperdine U, California, **B.Sc. Engineering** - Queen's U., Canada, and DevOps certifications from the DevOps Institute including **DevOps Foundations, DevOps Test Engineering, Continuous Delivery Architect** and **DevOps Leader**.

## Why engage a DevOps consultant?

A DevOps consultant can provide broad and deep expert, objective advise, current industry knowledge and effective assessment tools specific to DevOps and Continuous Delivery practices. Internal leaders and experts may have specific assessment knowledge and skills, but may not have the time, broad expertise, tools or collateral materials readily available to conduct assessments efficiently and effectively. DevOps consultants can provide objective, unbiased assessments and recommendations for leadership and culture transformations that internal leaders and experts may find too sensitive to address, due to internal organization politics or boundaries.

## How to engage EngineeringDevOps

Email to [mhornbeek@yahoo.com](mailto:mhornbeek@yahoo.com) to initiate a discussion of your DevOps assessment needs and to request a quotation.

