©2023 DevOn Netherlands-India B.V., Delft,
The Netherlands

Book initiated by:
Rahul Sah
Irfaan Santoe
Markus van Duijn

Book coordination and design:
Floris Beljaars
Girish Gopal

Book production:
Electronic Printcenter Nieuwegein

Special thanks:
Heather Sills, Jenna Preston, Stacey Curtis

No part of this publication may be reproduced and/or made public (for any purposes whatsoever) by means of printing, photocopying, microfilm, sound tape, type of electronic system, or any other data retrieval system without prior written permission from DevOn Netherlands.

The CISO's Guide for Implementing DevSecOps in the Enterprise

DevSecOps Visions from European Information Security Leaders

Table of contents

Foreword **7**

Chapter 1 Introduction **9**

Chapter 2 Embracing DevSecOps: Leadership Perspective **13**

Chapter 3 Interviews **23**

- Martijn Dekker 25
- Floor van Eijk 39
- Willem van der Valk 47
- Frans van Kessel 57
- Alexander Pabst 67
- Ard Westerik & Tom Moekotte 77
- Ori Fragman 89
- Minatee Mishra 97
- Fred Jekel 105

About DevOn **115**

Notes **117**

Foreword

Whether you prefer the term “DevOps” or “DevSecOps,” today’s high-performing technology organizations are increasingly incorporating security checks into rapid-release software lifecycles. Although there is growing recognition of strategies that can make a DevSecOps transformation successful, each CISO (Chief Information Security Officer) must find a successful path for their own organization based on its unique needs, culture, and starting state.

The leadership of Netherlands-based DevOn have produced this timely book of executive interviews and comparative analysis to share knowledge about how top European CISOs have succeeded in implementing DevSecOps. Whether your organization is large or small, and regardless of its level of continuous development maturity, absorbing these insights will leave you confident and eager to demonstrate how DevSecOps can help your organization to produce better and more-secure software at scale too.

Rahul Sah
CEO, DevOn

CHAPTER 1

Introduction

> *Developing without security is like going on a drive without brakes – it won't end well.*
>
> **– Rahul Sah**

In our previous book "High Performing DevOps Enterprises: A Perspective of Dutch Technology Leaders," we defined DevOps as:

"A compound of development (Dev) and operations (Ops), DevOps is the union of people, process, and technology to continually transform and improve the value delivery to customers," clarifying that "DevOps enables formerly siloed roles – software development, IT operations, quality engineering, and security – to coordinate and collaborate to produce better, more reliable products."

This still adequately describes DevOps, but today's technology organizations, under increasing scrutiny due to high-profile security failures, now have an even stronger need to demonstrate that they can deliver security with the same speed and reliability as they can develop software. DevSecOps effectively bridges the gaps that exist between both Development and Operations teams and security activities in order to achieve faster, more reliable, and more secure software delivery. Increased recognition and inclusion of these security activities as a necessary part of DevOps has led to a popularization of the term DevSecOps.

For this book, we interviewed 10 technology leaders from 9 different European organizations and asked them to share their views on how DevSecOps helps them to accelerate and improve their IT organization. The interviews contain valuable, boots-on-the-ground anecdotes about what worked in a variety of environments, and provide insights into how they plan to continue to evolve DevSecOps maturity. You will learn how these leaders measure DevSecOps success, and will see the challenges that they expect in the future. We can all learn from their journeys, and we warmly invite you to read the inspiring and original stories of these technology leaders.

In the Embracing DevSecOps: Leadership Perspective chapter, you will find some distilled common themes from the interviews, highlighting top issues and areas of agreement that we hope will support you in achieving success in your own DevSecOps transformations.