



Digital Policing - The new way to make society safer!

Foreword

Dear reader,

In these times of fast digital innovation and new legislation being underway for controlling communication on the internet, we as police force must also renew fundamentally the way we do our work.

Criminals are getting smarter, so we must get smarter. Citizens want to help us, so we must enable them to help us.

We must and can do everything to make our society safer.

That is why digital policing is our future.

This book is an architecture design book showing the highlight of the Digital Policing solution architecture we are going to use in any project, to evolve into a digital police force step by step.

If you have any questions, please do not hesitate to step into my office. My door is open for you.



Yours sincerely,
John Smith

Chief of Police
Madurodam

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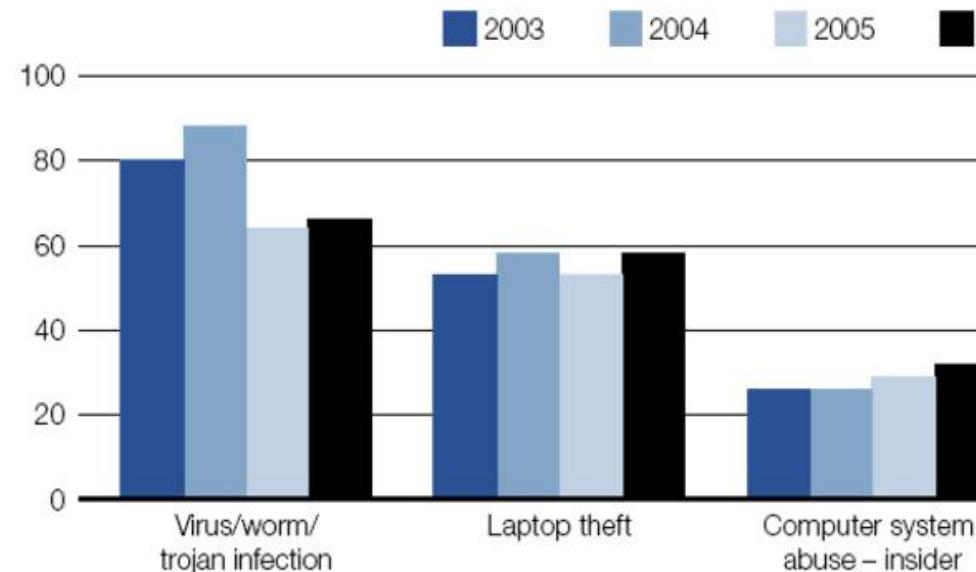
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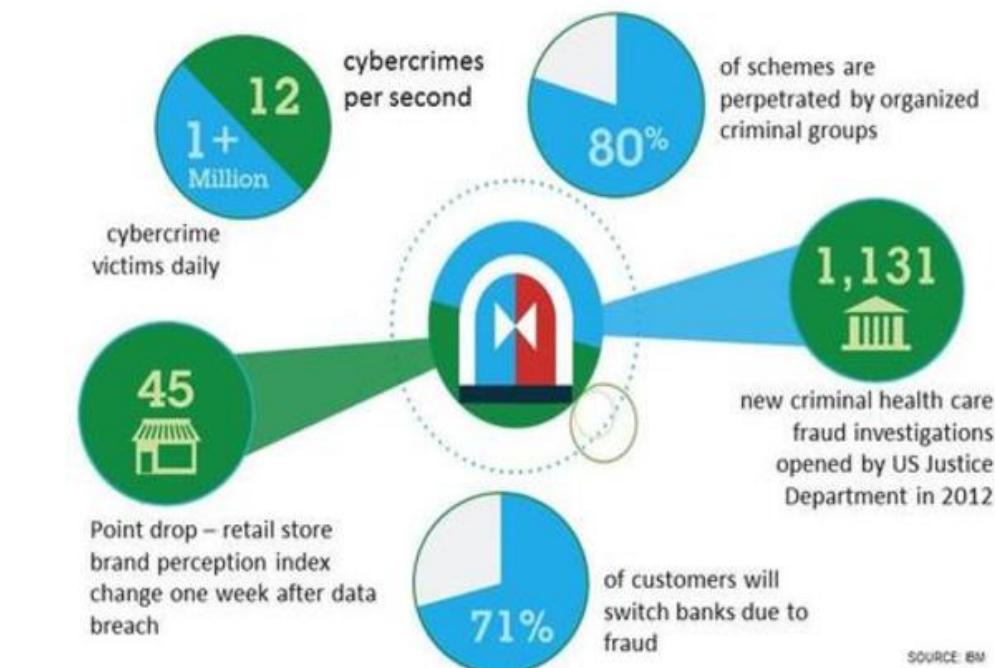


Dana Scully,
Your Lead Enterprise
Architect

Cyber Crime Trends: Facts and Figures



The facts are alarming



Because of the trend in cybercrime in all its forms, we need to act!

Stakeholders, Requirements and Priorities

Requirements for Transforming the Police:

Our customers need safety and security from us (the business drivers) and the technologies which will support the Police's objectives over the next three years.

Develop the Solution Digital Policing:

This design book describes the ways of working that will guide technology delivery.



Requirements

- Digital Engagement
- Digital Police
- Information Driven Policing
- and Durable Infrastructure

Priorities:

- Keeping pace with a city that is growing and changing
- Responding to crime that is increasingly complex and costly to investigate
- Building a workforce that is fit for the future

Digital Policing, A New Total Concept

Digital Policing



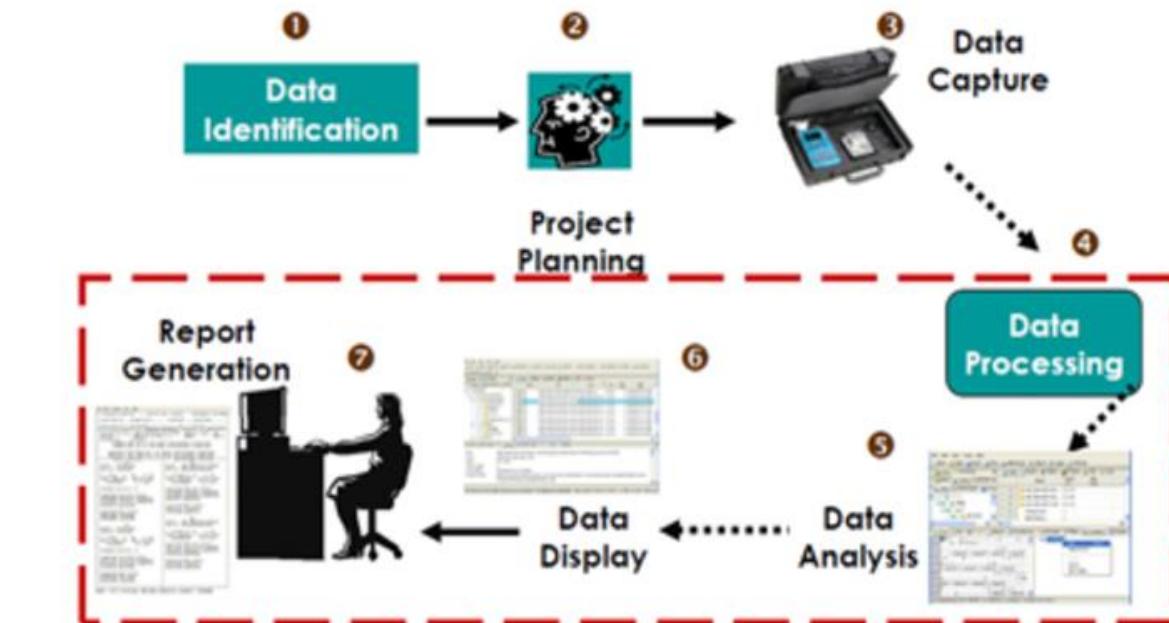
*Implementing this total concept won't be easy: we need to do this with enterprise architecture. And most important: **everyone needs to be on-board!***

Digital Forensics, A Disruptive Concept

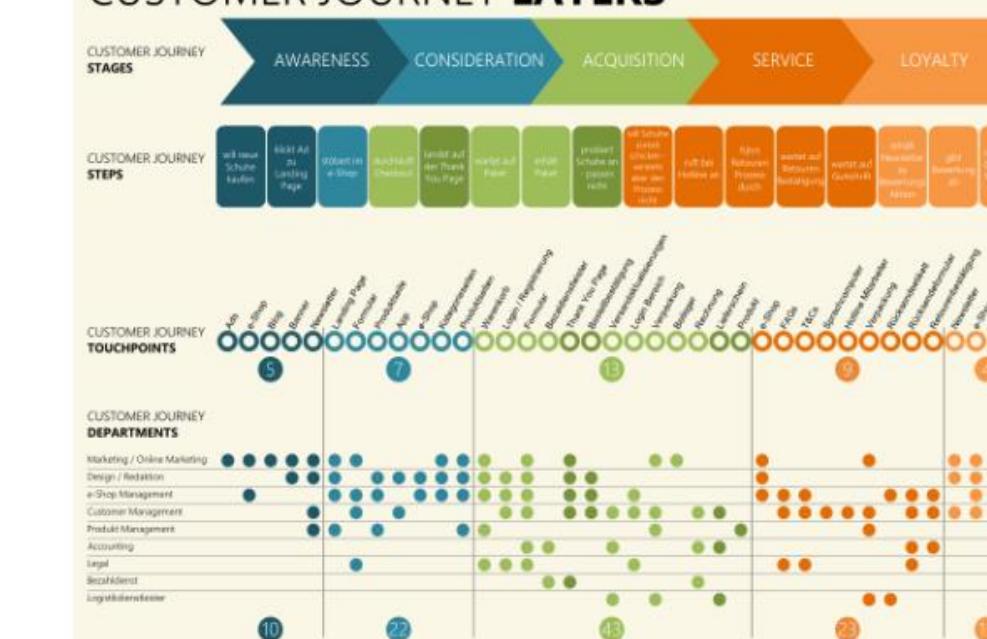
Principles Of Digital forensics

- Evidence Exchange
 - Evidence Characteristics
 - Forensic Soundness
 - Authentication
 - Chain of Custody
 - Evidence Integrity
 - Objectivity
 - Repeatability
- (Elaborate every principle)

Digital Forensic Investigation Process

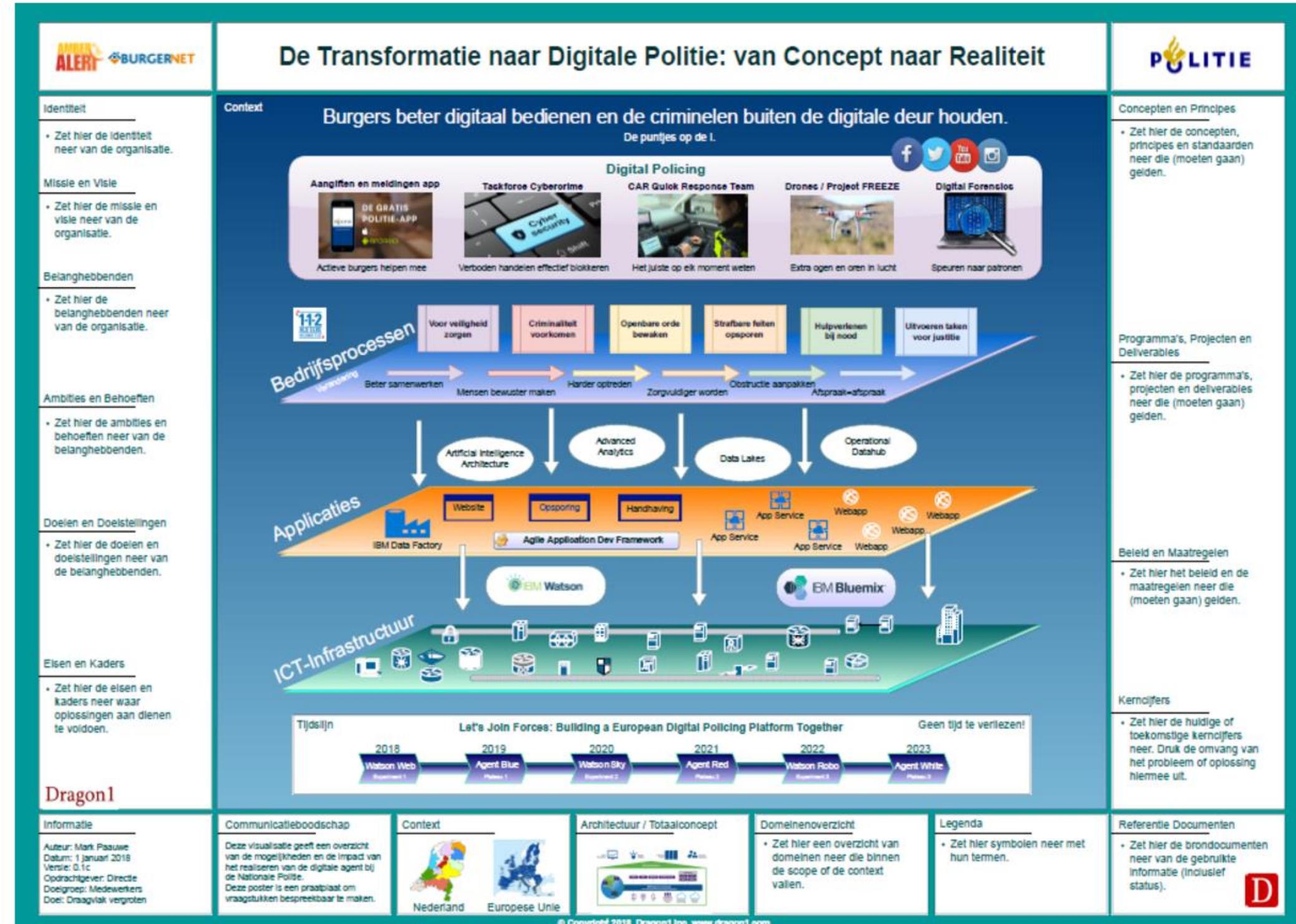


CUSTOMER JOURNEY LAYERS



The Solution Architecture Blueprint for Digital Policing

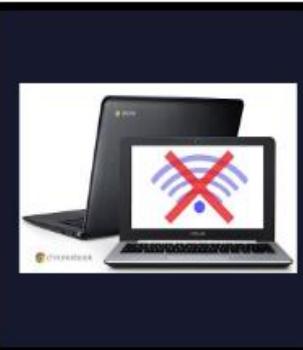
Digital Policing



Click on an item in the poster to view details on the dragon1 platform (login required).
Also be sure to check for an updated version of this design book. This book was last updated on 20 jan 2018).

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Important Architecture Principles for Every Project to make Digital Dolicing Work



Working offline anywhere increases action radius



Social media requires education and tools



Sensitivity for being hacked is key to be safe



Security by Design



Data Privacy is always respected (GDPR / AVG)



What can be connected is connected



Virusscanning always on



Only using proven practices



Only buy software conforming to open standard interfaces



Always use the 30 anti hacking rules



T.b.d



Distributed cloud solutions prevent comprised infrastructures

New Digital Policing Standards for the Organization

Business Layer



Application Layer



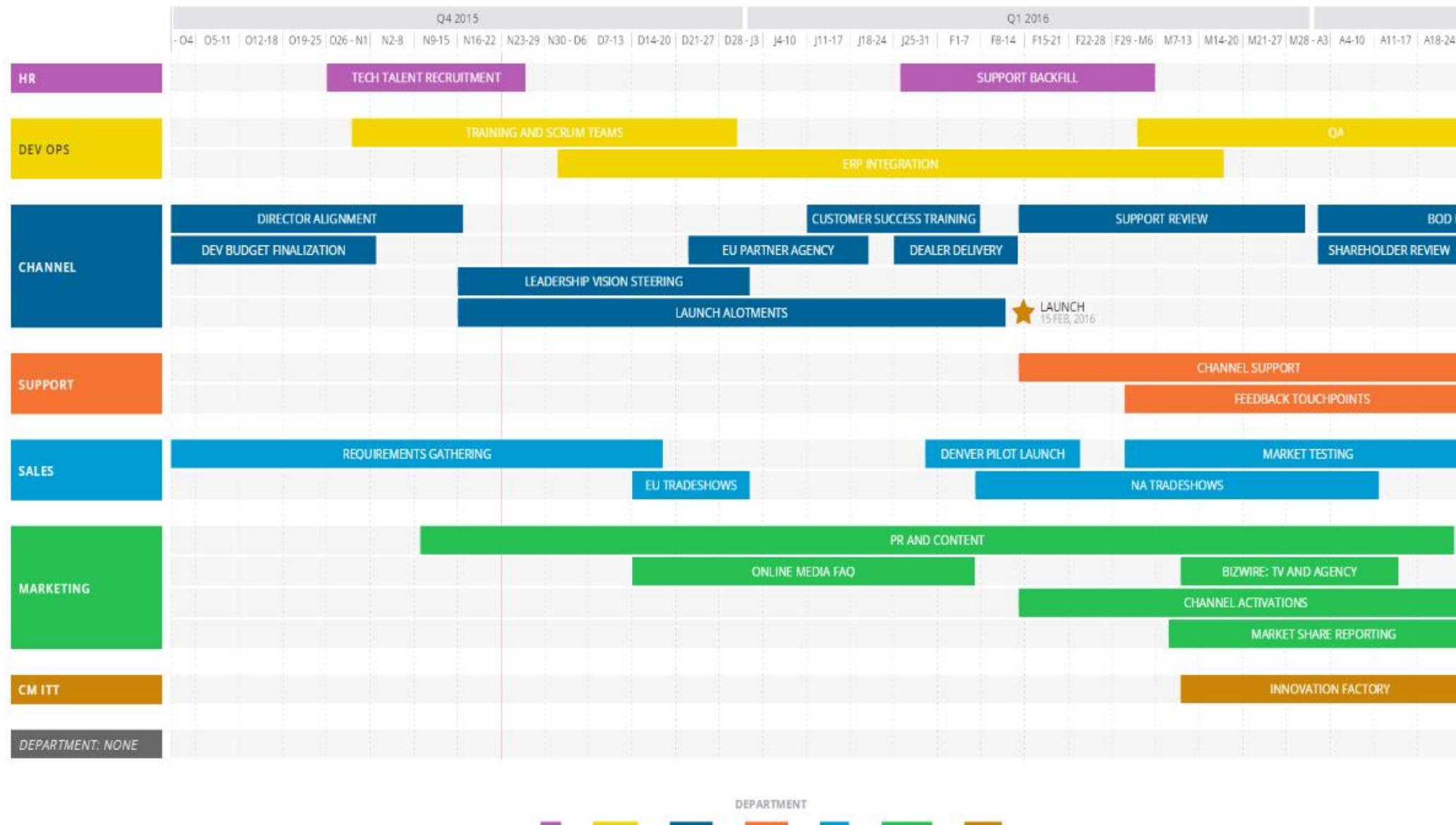
IT-Infrastructure Layer



All departments and (agile) projects will need to work with these standards to make digital policing an effective instrument. With the products and services of IBM all these standards can be implemented swiftly.

Next Steps (Roadmap)

ROADMAP



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Platform and Method

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