

WHY

Cloud Transformation



The biggest shift in the history

- PMI is transforming
- And, as we transition from a traditional manufacturing and distribution business to an innovative science and technology company, IT is at the center of the journey.
- State-of-the-art IT is imperative to help us accelerate progress and achieve better results that benefit everyone. But it's important to stress that this technology is not separate from our company's transformation. It is intrinsically part of it.

Michael Voegele, Chief Digital & Information Officer, Philip Morris International

A person's hand is shown interacting with a tablet. The background is a dark blue overlay with various financial data points, including stock prices, high/low/close values, and moving averages (EMA50, EMA5). There are also some circular diagrams and arrows on the tablet screen. An orange horizontal bar is located in the top left corner.

Future-focused technology

- As we progress toward a smoke-free future, PMI is focused on developing innovative smoke-free products for adults who would otherwise continue to smoke, while also building on our expertise in aerosol chemistry and physics, device technology, and clinical research.
- Naturally, this multi-category approach requires a dynamic, future-focused IT system, built on the principles of innovation and agility.

Michael Voegele, Chief Digital & Information Officer, Philip Morris International

How

Cloud Transformation

Cloud is the driving force powering digital transformation

- Облачная трансформация — это отправная точка для современного, гибкого делового мира, включающая постоянную мобильность и безопасность
- Она обеспечивает управляемый переход в будущее, гарантируя долговременную защиту и повышенную непрерывность бизнеса
- Облачная трансформация позволяет компаниям адаптировать внутренние процессы к будущему



Cloud Adoption Readiness

Организационные возможности

- Управление
- Бизнес
- Люди
- Платформа
- Безопасность
- Поддержка



Governance

Orchestrate cloud initiatives, maximize organizational benefits, and minimize transformation-related risks.

- Program and Project Management
- Cloud Financial Management
- Application Portfolio Management
- Risk Management
- Benefits Management
- Data Curation
- Data Governance



Platform

Accelerate delivery of cloud workloads via an enterprise-grade, scalable, hybrid cloud environment.

- Platform Architecture
- Platform Engineering
- Provisioning and Orchestration
- Modern Application Development
- Data Engineering
- Data Architecture
- Continuous Integration and Delivery



Security

Achieve confidentiality, integrity, and availability of data and cloud workloads.

- Infrastructure Protection
- Security Governance
- Vulnerability Management
- Incident Response
- Application Security
- Threat Detection
- Data Protection
- Security Assurance
- Identity and Access Management



Operations

Ensure cloud service delivery at a level that satisfies your business stakeholders.

- Event Management (AIOps)
- Incident and Problem Management
- Configuration Management
- Application Management
- Performance and Capacity
- Patch Management
- Availability and Continuity Management
- Observability
- Change and Release Management

AWS Cloud Adoption Framework



Cloud Transformation Program

- PMI Cloud Transformation Program была запущена в конце 2020 года для поддержки переноса наших приложений из центров обработки данных в облако AWS чтобы:
 - снять с ИТ-отдела бремя работы с физической инфраструктурой
 - использовать преимущества облачной архитектуры и облачных сервисов, создавая прочную основу для цифровой трансформации PMI.

На данный момент мы перенесли более 390 приложений, включая различные сложные приложения, такие как SAP, накопили знания и опыт, а также заложили прочную основу для трансформации ИТ на ближайшие годы.


Our Challenges

Cloud Transformation

Types of Cloud Computing

- Software-as-a-Service (SaaS)
- Infrastructure-as-a-Service (IaaS)
- Platform-as-a-Service (PaaS)
- and Hybrid Cloud

На территории РК?




Безопасность + Поддержка

- Infrastructure Protection
- Security Governance
- Vulnerability Management
- Incident Response
- Application Security
- Threat Detection
- Data Protection
- Security Assurance
- Identity and Access Management
- Event Management (AIOps)
- Incident and Problem Management
- Performance and Capacity
- Application Management
- Patch Management
- Availability and Continuity Management
- Observability
- Change and Release Management



The Cyber Risk Program of PMI

- **Общая цель программы – повысить кибер-возможности PMI по шести стратегическим кибертемам**
- **Benefits**
 - Готовность и устойчивость к киберинцидентам.
 - Защита наиболее важные активов PMI от киберугроз.
 - Безопасность IT решений и IT сервисов
 - Повышение осведомленности о киберрисках в организации.
 - Обеспечение реализации стратегических приоритетов нашей компании



Secure, Reliable, Innovative Cloud providers of Kazakhstan?

- **Global Innovation Index 24,7**

83 из 132

2022 год



- **В Казахстане лучшая инфраструктура телекоммуникаций, проникновение интернета – 77%**



People

Evolve to a culture of continuous growth and learning, where change becomes business-as-usual



Organization foundational capabilities

- Business
 - Innovation | Product | Portfolio Management
- People
 - Culture Evolution | Workforce Transformation | Transformational Leadership | Organizational Alignment | Change Acceleration | Organization Design | Cloud Fluency
- Governance
 - Program and Project Management | Cloud Financial Management | Application Portfolio Management | Risk Management | Benefits Management | Data Curation | Data Governance



Consumer Centric Organization

“As you can imagine, we were pretty much a traditional fast-moving consumer goods company.

To transform, we had to move into a totally different dimension. This means having employees interacting directly with the users, supporting them with call centers and after-sales services.

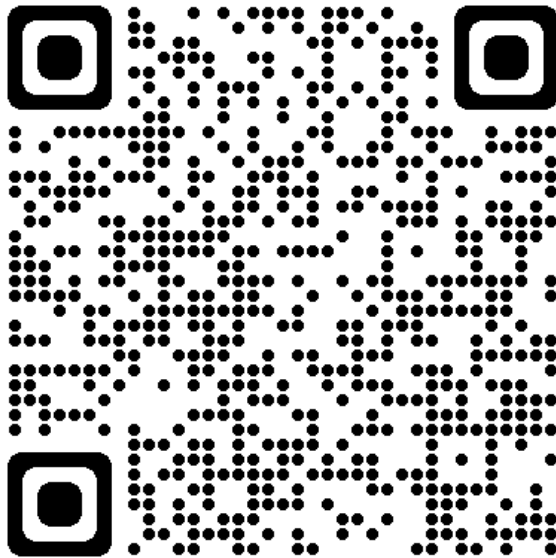
That’s a dramatic shift in the way we approach the business, and consequently in the way we have to operate.

*Everything we do is for the consumer. And if we keep on **focusing on consumers, consumers, consumers**, we’ll be successful.”*

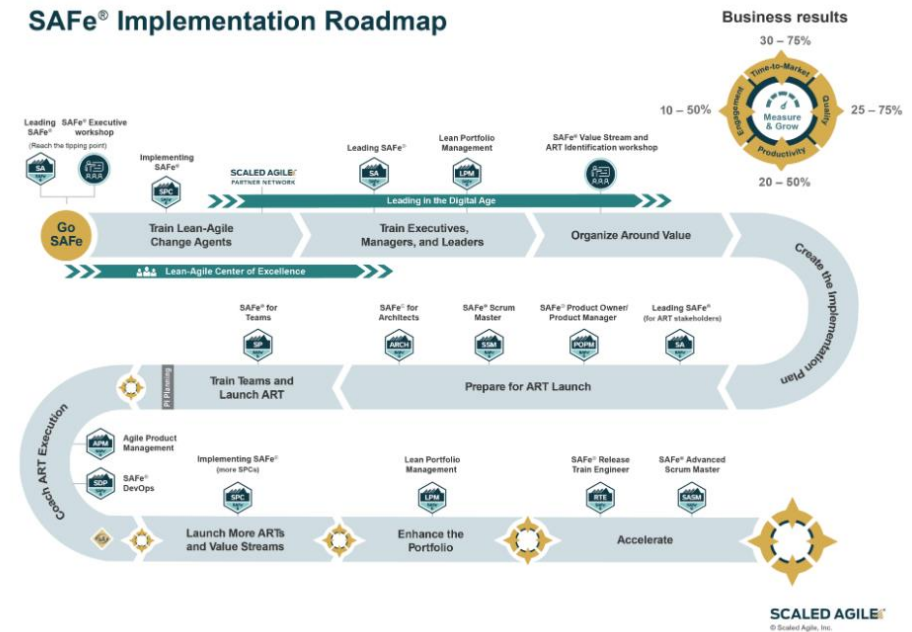
Frederic de Wilde, PMI’s President South and South East Asia, Commonwealth of Independent States & Middle East and Africa Region

Scaled Agile Framework® done write

- Strong Transformational Leadership
- Governed Culture Evolution



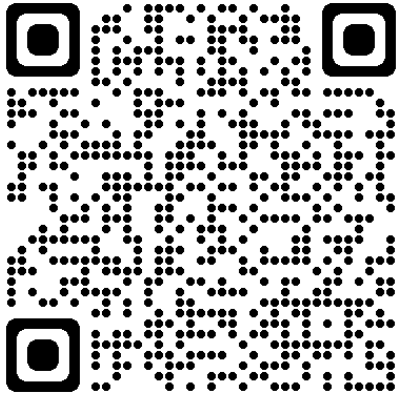
SAFe® Implementation Roadmap



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Explore Training at: <https://scaledagile.com/training/calendar/>

Scaled Agile Framework®

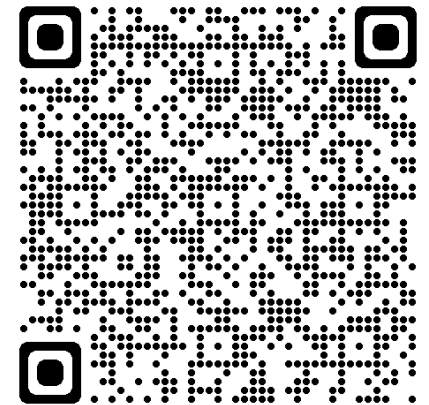


Платформа SAFe®

Многие лидеры гордятся тем, что определяют направление на высоком уровне и держатся в стороне от деталей. Но общая картина, невмешательство лидера вряд ли сработает в ситуации изменений, потому что **самая трудная часть изменений** — парализующая часть — заключается в **деталях**. Любое успешное изменение требует перевода неоднозначных целей в конкретное поведение. Чтобы сделать переключение, вам нужно закриптовать критические ходы.

Switch: How to Change Things When Change Is Hard
By Chip Heath & Dan Heath

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“Mрачный Скрам”

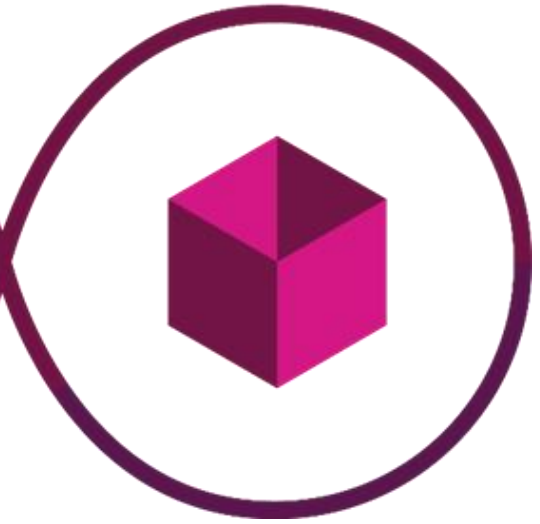
EMPATHIZE



EXPLORE



EXECUTE



**AM I DOING
WRHITE THINGS?**

**AM I DOING
THINGS
WHRITE?**

Благодарю
за
внимание!

