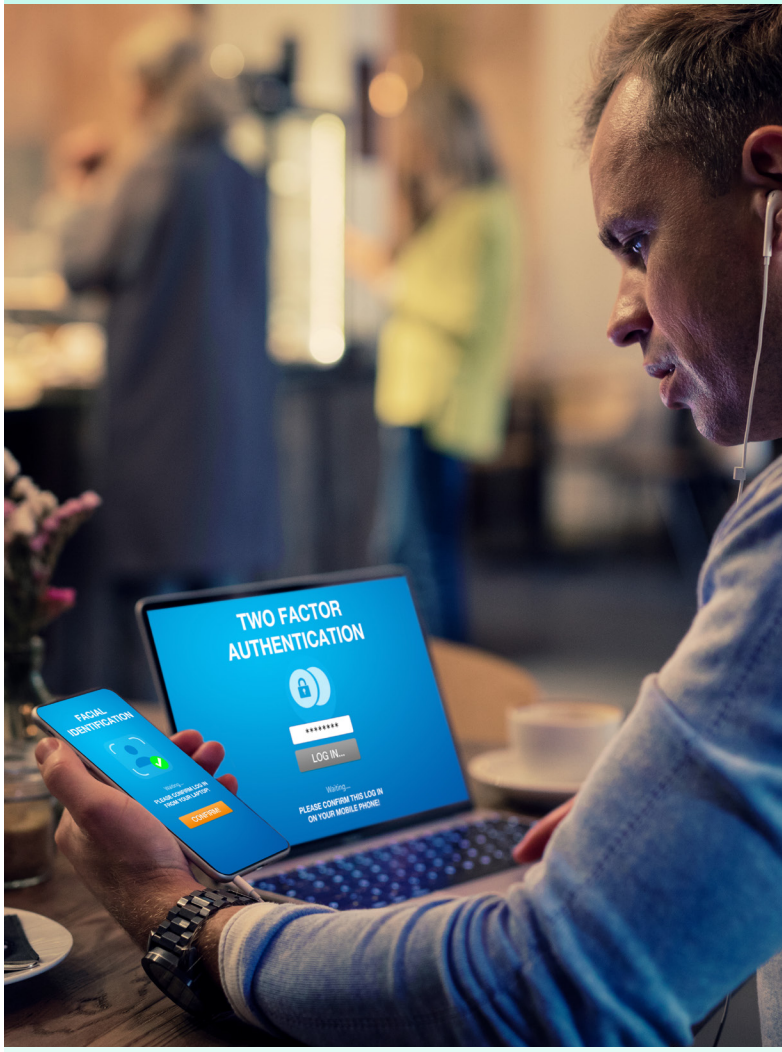
consult hyperion
consulting by fime

Fime Academy

Payments

Payment Authentication Masterclass



Explore in-depth payment authentication technology trends and considerations

This comprehensive masterclass offers an in-depth exploration of the payment authentication landscape, covering key regulations, new technologies, and alternative payments. It presents strategic recommendations for best practices and key considerations for next-generation authentication.

By the end of the course, participants will be able to make better strategic decisions and build secure, compliant authentication solutions.

Objectives

- Understand the market landscape and dynamics.
- Explore key trends and their connections.
- Identify strategic focus areas for future evolution.
- Generate innovative ideas for unique differentiators.

Key topics

- State of payment authentication.
- Regulation landscape and emerging trend.
- Key industrial standards and initiatives.
- Recommended optimization practices.

Audience

Business leaders, decision makers, product / project managers, and solution developers across the payment ecosystem, specifically those from:

- Payment networks.
- Issuing banks.
- Payment Service Providers (PSPs).
- Digital wallet providers.

Price

Visit our website for more information about our training offer. For any specific requests, please contact us.

Duration	Location	Language
1.5 days (onsite) or 4 online sessions (~2.5 hours each)	Customer premises Online delivery Available worldwide	English Local language options may be available.

Masterclass program

On site 1.5 days

Online 4 sessions

Day 1

M1. **Introduction to authentication**

- Recap of main concepts and payment authentication definition.
- Overview of current market trends and challenges (fraud, cart abandonment, compliance).

M2. **Regulatory landscape**

- Positioning of regulatory entities and protection mechanisms.
- Multifactor authentication, dynamic linking, verifier security requirements.
- Authentication factors, device binding, and data privacy.

M3. **Authentication technologies**

- Digital identity, FIDO Passkey, behavioral biometrics
- Core principles and key use cases for payment ecosystem
- Emerging standards, compliance considerations, and best practices.

Day 2

M4. **Authentication in alternative payments**

- Open banking, instant payments, ISO 20022.
- Central Bank Digital Currency authentication principles.

M5. **Emerging threats**

- Sophisticated fraud types: authorized push payment fraud, quantum computing fraud, AI-powered fraud.
- Current countermeasures and prevention strategies.

M6. **Consult Hyperion's perspective**

- Sharing Consult Hyperion's expert view on the main concerns for players in the ecosystem.
- Strategic themes: risk control, data privacy vs. user experience, biometrics and forward-looking trends.

Session 1 | 2.5 hours

1. Introduction to authentication
1.1. Key trend
1.2. Challenge
1.3. Opportunity

2. Regulatory landscape
2.1. Authentication trends and regulations

Session 2 | 2.5 hours

3. Authentication technologies
3.1. FIDO Passkey
3.2. Behavioral biometrics

Session 3 | 2.5 hours

3.3. Digital Identity
3.4. Synergies

4. Alternative payments
4.1. Account to Account (A2A)
4.2. CBDC

Session 4 | 2.5 hours

5. Emerging threats and recommendations
5.1. Authorized push payment (APP)
5.2. Quantum computing
5.3. AI powered fraud

6. Consult Hyperion's perspective
6.1 Recommended practices

Contact

fimeacademy@fime.com

Americas
fimeinsidesalesnalac@fime.com

APAC
fimeinsidesalesap@fime.com

China
fimeinsidesaleschina@fime.com

EMEA
fimeinsidesalesemea@fime.com

India
fimeinsidesalessa@fime.com

Japan
fimeinsidesalesjapan@fime.com

Korea
fimeinsidesaleskorea@fime.com

Making innovation possible.
Making the world work.

Consulting | Test Platforms | Testing Services

F-TRAIN-EMV
Payment Authentication Masterclass

© Fime 2026