

Global Payments in Cross-Border E-Commerce Resource Guide

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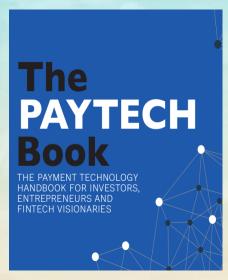
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GSU and CU Denver CIBER IB Pedagogy Workshop July 22, 2021





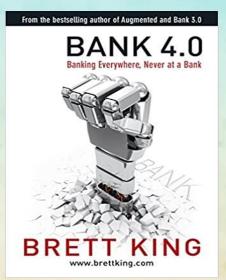
Books: Global Payments and Related Topics



Amazon

Table of Contents

- 1. Payments Explained
- Payment System Infrastructures and Money Transfer Technologies
- Payments Regulation and Compliance
- Blockchain Regulation Around the World
- 5. Payments in Practice
- 6. Blueprint for Change

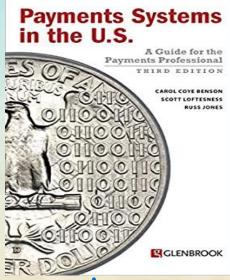


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- Getting Back to First Principles
- The Regulator's Dilemma by Brett King and Jo Ann Barefoot
- 3. Embedded Banking
- 4. From Products and Channels to Experiences
- DLT, Blockchain, Alt-Currencies and Distributed Ecosystems
- 6. FinTech and TechFin: Friend or Foe?
- 7. The Role of AI in Banking
- 8. The Universal Experience
- 9. Adapt or Die
- 10. Conclusion: The Roadmap to Bank 4.0

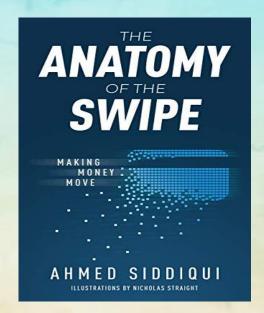
Books: Global Payments and Related Topics



Amazon

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- 1. Introduction
- 2. Payments System Overview
- Core Systems: Checking
- 4. Core Systems: ACH
- 5. Core Systems: Cards
- 6. Core Systems: Cash
- 7. Core Systems: Wire Transfer
- 8. Perspectives on Payments: System Users
- 9. Perspectives on Payments: System Providers
- 10. Payments Innovation



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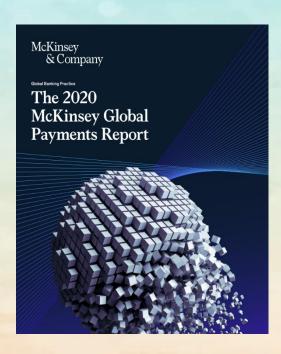
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- 1. Payments Ecosystem Overview
- 2. Anatomy of the Swipe
 - 1. Authorization
 - 2. Clearing and Settlement
 - 3. Chargeback
- Payment Ecosystem
 - Card Networks
 - Banking
 - Taking Payments
 - Making Payments
- Digging Deeper
 - 1. KYC
 - Credit Cards vs Debit Cards
 - 3. Interchange
 - 4. Moving Money Without The Card Networks
- 5. Payments in Action
 - Push To Card
 - 2. Virtual Cards
 - 3. Killing The Expense Report
 - 4. Every Company Is A Payment Company



https://www.globalpaymentsinc.com/enca/commerce-payment-trends

- Contactless Payment Adoption Accelerates
- 2. Omnichannel Options Expands
- 3. Embedded Fintech Dominates Across Industries
- Adavnces In Technology Help Businesses Keep Pace Digital Commerce
- 5. A Focus On Financial Inclusion



https://www.mckinsey.com/~/media/mckinsey/industries/financial%20services/our%20insights/accelerating%20winds%20of%20change%20in%20global%20payments/2020-mckinsey-global-payments-report-vf.pdf



https://www.accenture.com/ acnmedia/PDF-81/Accenture-Payments-in-the-Digital-Age.pdf



Global payments remade by COVID-19
Scenarios for resilient leaders

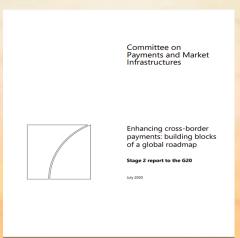
June 2020

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https://www2.deloitte.com/content/dam/Deloi tte/global/Documents/Financial-Services/gx-fsiglobal-payments-remade-by-covid-19.pdf



https://www.pwc.com/gx/en/financialservices/fs-2025/pwc-future-of-payments.pdf





https://webassets.bcg.com/7c/e0/596af1214f32820093f1 f88c05f0/bcg-global-payments-2020-fastforward-into-the-future-oct-2020-1.pdf

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https://s1.q4cdn.com/05060 6653/files/doc_presentation s/2020/02/updated/Visa-Inc-2020-Investor-Day-Segment-2.pdf

Business Payments 2022

Industry 4.0 is defining the future of business payments, leading to worldwide payments reform

https://www.mastercard.us/enus/business/issuers/thoughtleadership-library/businesspayments-2022.html



https://www.brookings.edu/wpcontent/uploads/2020/04/FP_20 200427 china digital payments klein.pdf Tencent Announces 2020 Fourth Quarter and Annual Results

https://www.prnewswire.com/news-releases/tencent-announces-2020-fourth-quarter-and-annual-results-301254728.html

Board of Governors of the Federal Reserve System

The Federal Reserve, the central bank of the United States, provides the nation with a safe, flexible, and stable monetary and financial system.

https://www.federalreserve. gov/paymentsystems/frpayments-study.htm



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Selected Articles Global Payments and Related Topics: Academic

- Boaz B. Goldwater* NOTE: Incumbency or Innovation: Why a Collective Agency View of Cross-Border Payments Means Private Blockchains Cannot Prevail. Cornell International Law Journal (Summer, 2019), 52, 351. https://advance-lexis-com.aurarialibrary.idm.oclc.org/api/document?collection=analytical-materials&id=urn:contentItem:5YYK-K701-JJK6-S1NJ-00000-00&context=1516831.
- Daniel Wagner Will China's Digital Currency Revolutionize Global Payments? Fair Observer, (2020, October 5).
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- He Dong, Digitalization of cross-border payments, China Economic Journal Volume 14, 2021 Issue 1: Special Issue on Digital Currency, https://www.tandfonline.com/doi/abs/10.1080/17538963.2020.1870272?journalCode=rcej20
- Liao, Q., & Wang, Y. Prospect and challenges of cross-border payment posed by digital currency –
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- Liu Ruimin, Research on the Export Development of Small and Medium-sized Enterprises Cross-border E-commerce: Based on SWOT analysis, 2020 International Conference on Big Data Economy and Information Management (BDEIM) 21 April 2021, https://ieeexplore.ieee.org/document/9407242
- Xiang Hong Li, Blockchain-based Cross-border E-business Payment Model, 2021 2nd International Conference on E-Commerce and Internet Technology (ECIT), 21 April 2021, https://ieeexplore.ieee.org/document/9407020

Selected Articles Global Payments and Related Topics: News

- Business Reporter, What's Next For Global Digital Payments In 2021? Forbes, (Jan 19, 2021) https://www.forbes.com/sites/businessreporter/2021/01/19/whats-next-for-global-digital-payments-in-2021-video/?sh=346071f83547
- Mastercard USA. UK and Nordics lead Open Banking in Europe. Mastercard USA. (2021, June 17). https://www.mastercard.com/news/europe/en/newsroom/press-releases/en/2021/june/uk-and-nordics-lead-open-banking-in-europe/.
- Shannen Balogh, 4 business leaders discuss the explosion in digital payments and what's next for hot trends like buy now, pay later, and livestream shopping, INSIDER, Apr 6, 2021, https://www.businessinsider.com/qa-4-execs-transforming-the-payments-industry-discuss-whats-next-2021-3
- The Fintech Times, It's 2021: So Why Do We Still Lack Transparency In Cross-Border Payments?, June 19, 2021, https://thefintechtimes.com/transparency-cross-border-payments-wise-samarth-bansal/
- Tom Groenfeldt, Real-Time Cross-Border Payment Innovator Could Cut Trillions From Global Financial Friction, Forbes, Sep 03, 2020 https://www.forbes.com/sites/tomgroenfeldt/2020/09/03/real-time-cross-border-payment-innovator-could-cut-trillions-from-global-financial-friction/
- Visa Inc. Visa B2B Connect Expands to 32 New Countries and Announces Integration With Infosys. Visa (2019, September 20). https://usa.visa.com/about-visa/newsroom/press-releases.releaseld.16591.html.

Videos



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https://www.youtube.com/wa tch?v=u20nD9wBVJo



https://www.youtube.com/wa tch?v=TY3zwjfPxaQ



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Videos



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https://www.youtube.com/watch?v=hCW1M3gv8GM



https://www.youtube.com/watch?v=k4DnFel1sHA



https://www.youtube.com/wa
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About The Course

- The rise of e-commerce in the 21st century has radically transformed the way global businesses and consumers interact and transact with each other. Furthermore, the COVID-19 pandemic has further accelerated the growth and adoption of e-commerce platforms and digital payments worldwide thus making global payments a timelier topic for learning. Integrated technologies available on mobile devices has created a wholesale shift towards digital payments, and the plethora of digital payments is increasing worldwide at unrelenting speed. There are many reasons why digital payments are so appealing in today's global marketplace but the main reason is reduced friction.
- This course will provide an in-depth understanding of the global payments ecosystem and the resulting implications of ongoing disruption from Financial Technology "Fin Tech" companies and other innovative technologies. Detailed discussions on how digital payment platforms differ among countries is crucial to assessing the large-scale impact on consumer behavior and resulting economic growth. Additionally, the voluminous amount of payments data available from card networks, banks, Fin Tech companies and payment platforms has led to an abundance of consumer information, and this information is being used to generate insights on consumer behavior and preferences. In some cases, advanced analytical technologies like artificial intelligence "AI" and machine learning are being used prescriptively to directly influence the actions of consumers without consumers knowing, so the implications surrounding data privacy is a key area of interest. This course will facilitate deep discussion on data privacy/ethics but will also concentrate on how data can be used beneficially to solve business problems like rising fraud.

Course Modules

Week	Торіс
1	Intro to the Global Payments Ecosystem (pt 1)
2	Intro to the Global Payments Ecosystem (pt 2)
3	Understanding Card payments and their role in e-commerce trends and digital payments
4	Comparing Payment Systems Across the Global
5	The Rise of Fintech's and their disruption/innovation in Global Payments
6	The Role of Data and Analytics in Global Payments (pt 1)
7	 i. The Role of Data and Analytics in Global Payments (pt 2) ii. Guest Speaker – Betsabel Feddeler, Director of Global Business Optimization and Data Strategy Lead at Visa
8	Digital Payments' Effect on e-Commerce
9	Regulation and Compliance in Global Payments (pt 1)
10	i. Regulation and Compliance in Global Payments (pt 2) ii. Guest Speaker – Dustin White, VP of Global Risk and Fraud Strategy at Visa
11	Cryptocurrencies, Blockchain and Artificial Intelligence Technology in Payment
12	The Future of Global Payments and Banking
13	The Emergence and Importance of ESG in Global Commerce and Payments
14	Group Project Paper and Class Presentations

Selected Courses: Global Payments and Related Topics

- Robert Dittmar and Andrew Wu, The Future of Payment Technologies, University of Michigan
- Christopher Geczy, Jessica Wachter Natasha Sarin Sarah Hammer, David Musto Fintech: Foundations & Applications of Financial Technology Specialization, University of Pennsylvania
- Christopher Geczy, Natasha Sarin, FinTech: Foundations, Payments, and Regulations, University of Pennsylvania
- Lee Reiners, FinTech Law and Policy, Duke University
- R. Martin Chavez, Jeffrey Conn, How Software Ate Finance, Stanford
- Theodore Henry King Garvin Percy, FinTech: Finance Industry Transformation and Regulation Specialization, The Hong Kong University of Science and Technology
- Jonas Hedman, Stefan Henningsson, Digital Transformation in Financial Services
 Specialization, Copenhagen Business School