REIGNING IN RECEIVABLES

Tackling the challenge of decentralization

January 2017



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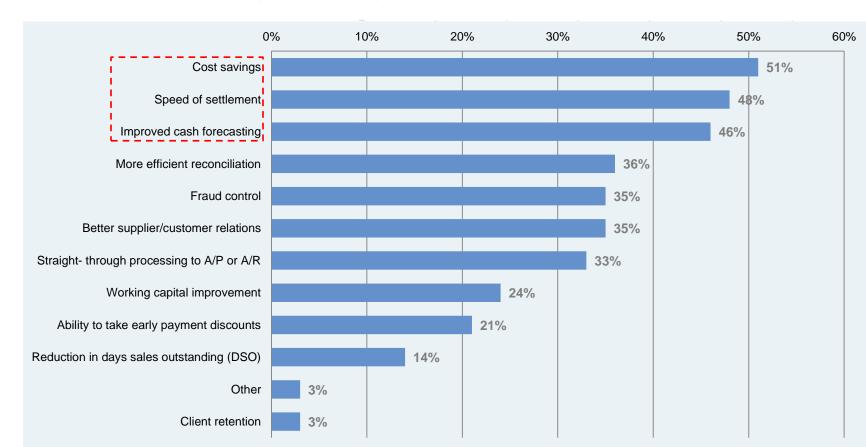
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Top benefits of transitioning to electronic payments



Benefits Gained by Sending or Receiving Electronic Payments

Optimizing payables offers substantial benefits including freeing capital, reducing processing costs, and mitigating operational risk

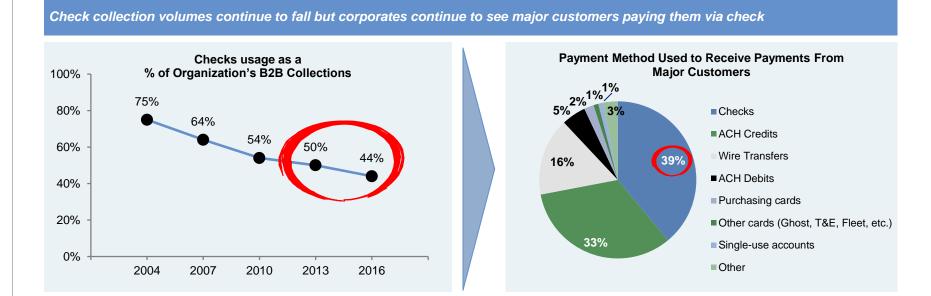
Source: Association for Financial Professional, 2016 Electronic Payment Survey, Oct 2016

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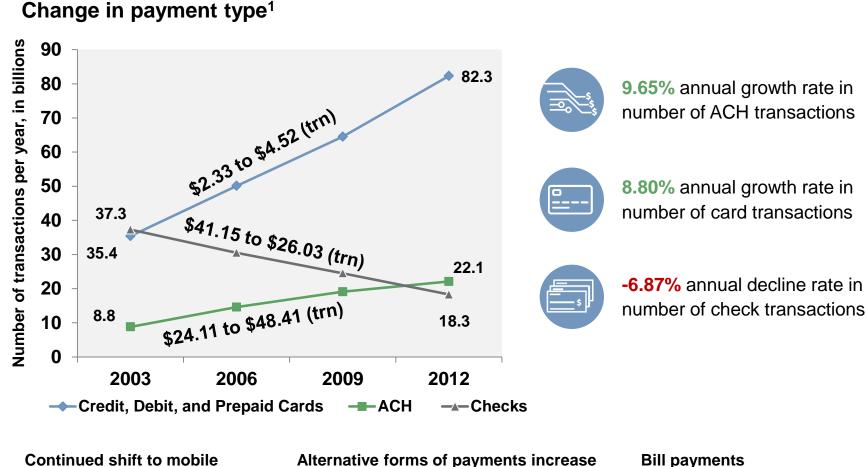
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Receivables: Range of benefits continue to drive down check collections





Payments trends and the move to electronic are influencing Fintech investment



Continued shift to mobile



³Source: PayPal 2015 10K

US Consumers making mobile payments doubled from 2011 to 2015,² going from 12% to 24%

²Source: Federal Reserve Consumer and Mobile Financial Services 2016 Report

¹Source: 2013 Federal Reserve Payments Study (a Triennial Report)

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The number of payment transactions in PayPal accounts increased 23% annually from 2013 to 20153

Bill payments



Bill payments are changing form and impacting the customer experience

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Strategic perspectives and trends in receivables

Institutions continue to look for ways to shift more incoming payments to electronic means and eliminate paper wherever possible. Some of this shift is being assisted by the continuous progression of disruptive payment technology such as mobile and P2P advancements.

Millennials are also more likely to embrace electronic payment methods versus prior generations. Treasurers and finance officials may find them more receptive to institution led efforts to drive for greater payment efficiency.

Some tactical ways institutions are driving strategic change



Expanding use of online payment tools to obtain lower overall transaction cost and straight through posting of remittance data for greater automated reconciliation



Eliminating paper deposits by using and expanding remote capture solutions on campus and deemphasizing cash acceptance to lower vault and branch expenses wherever possible

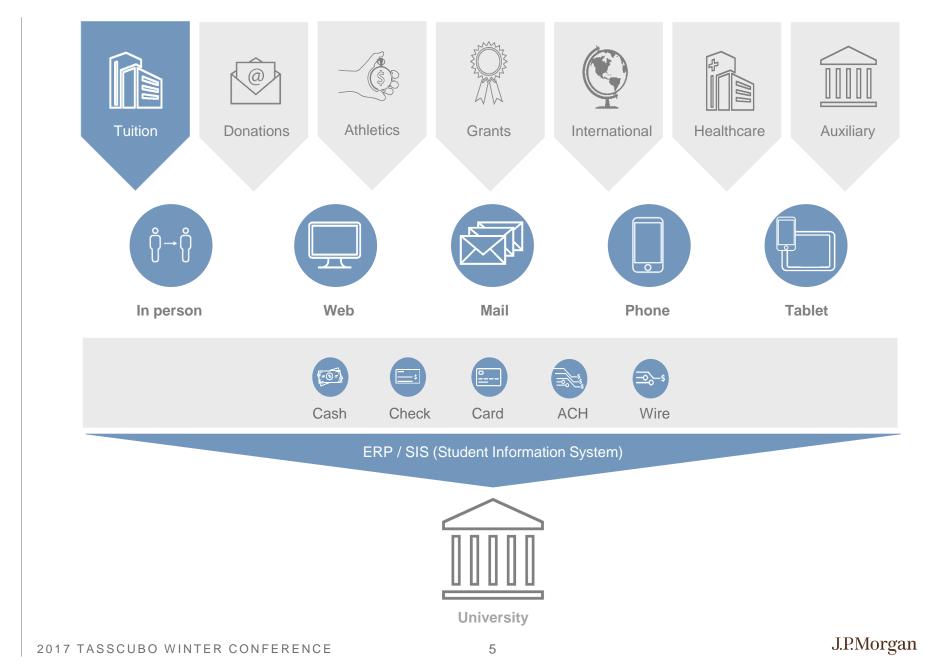


Implementing advanced card acceptance devices supporting of EMV chips and tokenization to reduce risk



Shifting online payment acceptance to banks and third parties to reduce PCI scope

Typical university receivables roadmap



Preparing for the payment revolution

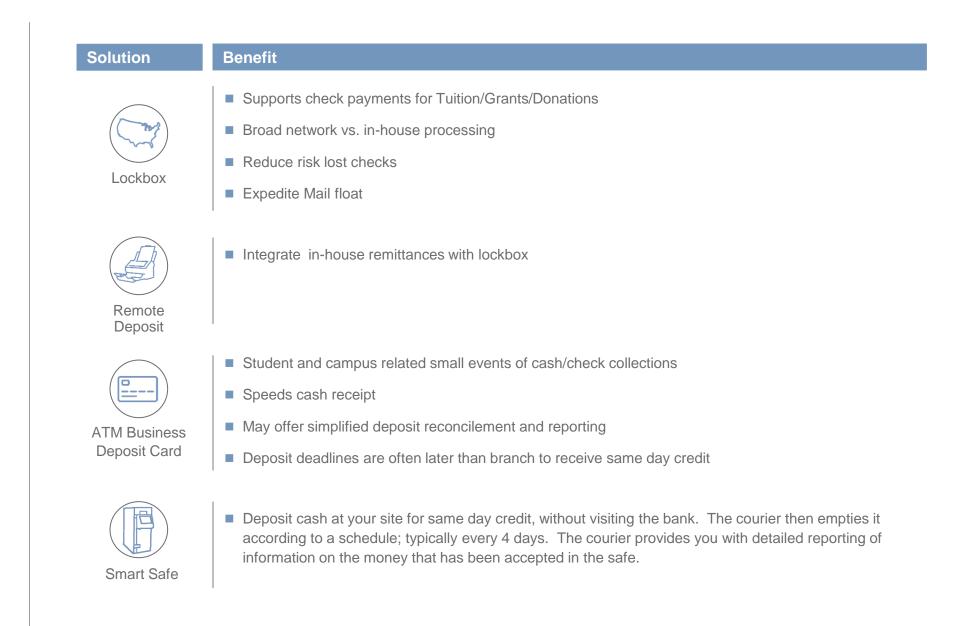
Common collection	n challenges	Improvement strategies
Manual Payment	 Paper-based processing requires manual batch management 	Migration to eCommerce
Posting Each invoice/coupon is manually system		
	Payments typically applied the day after deposit	
	 Typically more expensive processing method 	Interchange Cost Managemen
	Receiving Multiple Payment Formats and Types:	
Decentralized Channels	Disparate receivables or cashiering systemsMisdirected checks (received at your office	Straight through processing fo check/ACH/Wire
	instead of lockbox)Web payments (card and ACH)	
	 ACH (Credit, Direct Debit, Online bill payers) Wires 	Simplified & consolidated receivables integration
Managing	 Payment and remittance detail do not travel together, sometimes it is lost 	
Managing Incomplete Payments	 Payments arrive with remittance detail that cannot be used to apply cash 	
	 Crucial fields are cut off and cannot be matched automatically 	

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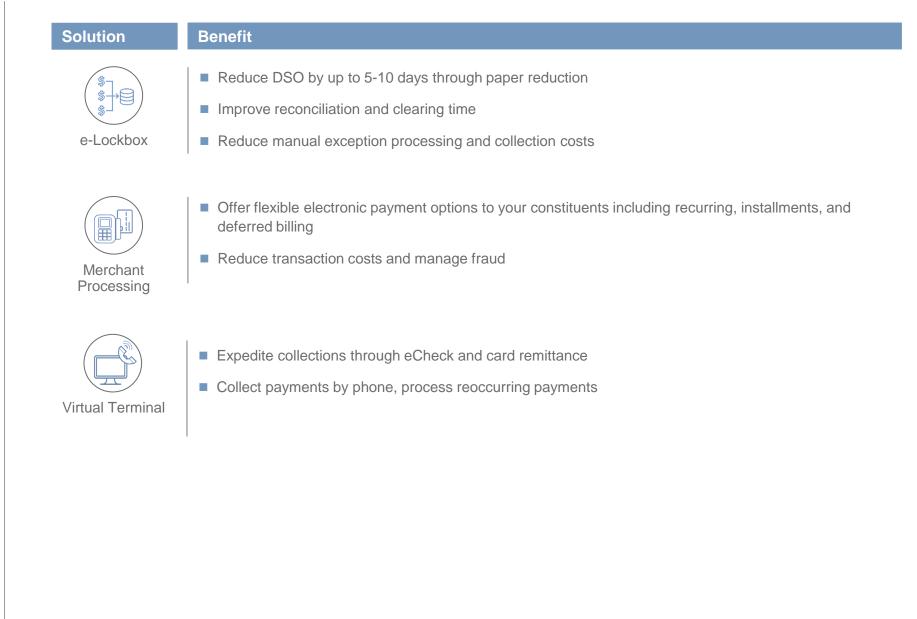
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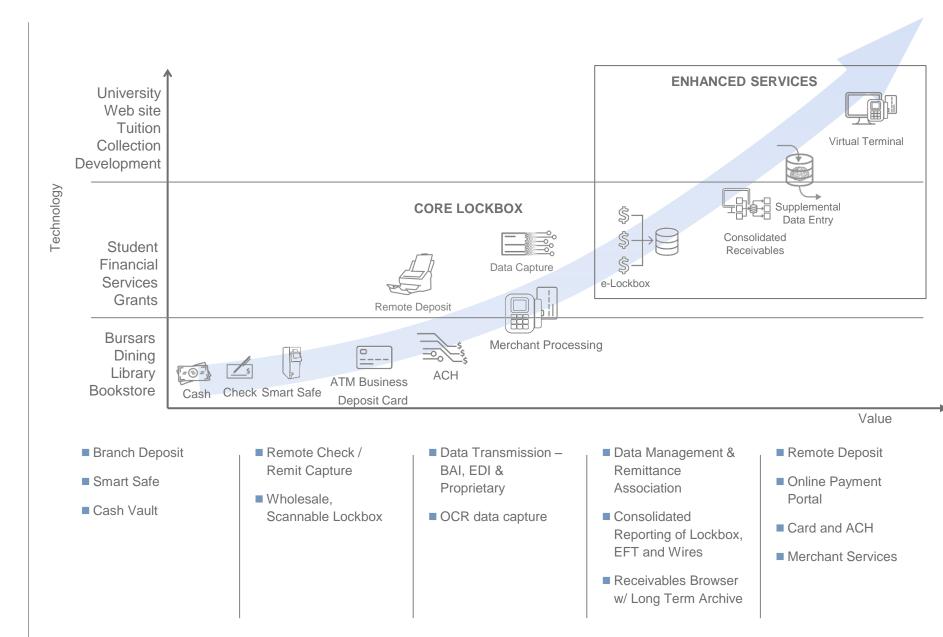
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Evaluating your receivables: Maximize funds availability



Evaluating your receivables: Migrate to e-payments





Optimize channels for collections: Enhancing the receivables process

Going cashless on campus: So what are the treasury opportunities?

.	s used by schools today	
Cash & Checks	Accepted all over most campuses (Bursar'sMost in demand area for improvement to lo	-
Merchant Acceptance	 Common tool drives most payment efficiency gains and key to some of the new opportunities Widely accepted for online, self-service (i.e. parking, vending), and in-person today 	
ACH & Wires	 Mostly used to receive tuition payments and grant funds Less likely to be area of focus given economics (ACH) and finality (Wires) 	
How do we remove cash f		Implement solutions that automate cash
	nline Explore app functionality	
Drive more payments o Key questions we should	nline Explore app functionality	automate cash
Drive more payments o Key questions we should 1. What are the impedimen	be asking	/ments?
Drive more payments of Key questions we should 1. What are the impediment 2. What will be the factors	be asking ts that prevent greater adoption of electronic pay	wents?

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How to improve the DSO in a decentralized campus environment

