WELCOME TO DENVER FOR THE 2017 JACK HENRY & ASSOCIATES, INC.® ANALYST DAY EVENT





Jack Henry & Associates, Inc.®

2017 Analyst Day

Kevin Williams, CFO and Treasurer May 8th, 2017









Forward-Looking Statement

Statements, remarks or responses to questions concerning future expectations, events, objectives, strategies, trends or results constitute forward-looking statements or deal with expectations about the future. Like any statement about the future, these are subject to a number of factors which could cause actual results to differ materially from those which we anticipate, due to a number of risks and uncertainties; and the company undertakes no obligation to update or revise these statements. For a summary of these risk factors and additional information, please refer to the sections in our 10-K entitled Risk Factors and Forward-Looking Statements.







Legal Disclaimer

Dates contained in this presentation or given as answers to questions during the day, are provided as estimates only and can be changed at any time at the sole discretion of Jack Henry & Associates, Inc.®







Agenda					
1:00 – 1:05	Welcome	Kevin Williams, CFO			
1:05 – 1:30	State of the Business	David Foss, President & CEO			
1:30 – 1:55	Financial Review	Kevin Williams, CFO			
1:55 – 2:20	Technology Update	Mark Forbis, CTO			
2:20 – 2:45	JHA Banking	Stacey Zengel, President – Jack Henry Banking			
2:45 – 3:10	Credit Union	Ted Bilke, President – Symitar			
3:10 – 3:25	Break				



Agenda					
3:25 – 3:50	ProfitStars	Russ Bernthal, President – ProfitStars			
3:50 – 4:15	Payments	Greg Adelson, GM Payment Solutions			
4:15 – 5:00	Sales & Marketing Update	Steve Tomson, GM Jack Henry Sales & Marketing			
	Symitar	Fran Kester, Director of Sales			
	Jack Henry Banking	Leo Mallamaci, Director of Sales			
	ProfitStars	Bruce Krajewski, Director of Sales – Payments			
	ProfitStars	Brian Otte, Director of Sales – Solutions			
5:00 – 5:30	Final Q&A				
5:30 - 8:00	Reception and Mini Tech Fair				





CONGRATULATIONS!

Stanley J. Viner

Retiring July 1st, 2017

27 Years selling for Jack Henry & Associates, Inc.®







Detailed Product Information

www.jackhenrybanking.com

www.profitstars.com

www.symitar.com







Introduction of Associates Representing Jack Henry & Associates, Inc.®







Jack Henry & Associates, Inc.®

State of the Business

David Foss, President & CEO May 8th, 2017









Agenda

- Recap of 2016
- Strategic Direction
- JHA Today
- Solution Overview
- Sales Performance
- FY17 Outlook
- Q&A







Company Successes in 2016

- Continued solid financial performance
 - Record revenue and earnings
 - Fortress balance sheet
- Exceptionally high customer satisfaction ratings
- Strong employee engagement ratings
- Delivered several new solutions
- Successful Corporate Leadership Transition
- Celebrated our 40th Anniversary
 - Culture Book & Special Events
 - NASDAQ Bell Ringing









Strategic Direction

- Provide core processing systems to financial institutions
- Cross sell additional solutions to these financial institutions
- Offer stand-alone solutions to banks and credit unions using competing core systems, and to selected non-financial industry organizations
- Focus on payments and online/digital channels
- Emphasize integration and superior customer service
- Make acquisitions that support the above strategies
- Pay dividends and execute share repurchases to return value to shareholders



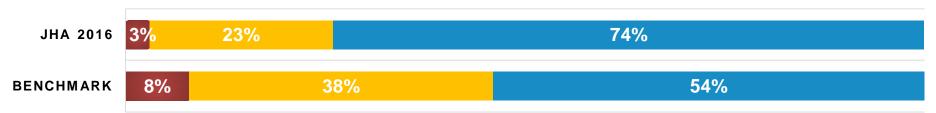




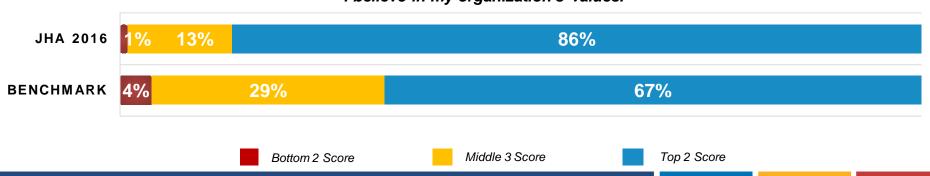


2016 Employee Engagement Survey

I am confident about the future performance of my organization.



I believe in my organization's values.







Best Places To Work JHA 2016



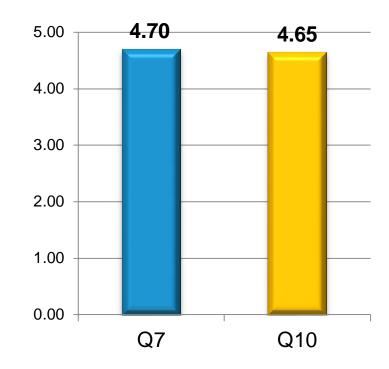
Daily Customer Satisfaction Surveys



Q7 overall rating of customer service representative



Q10 overall customer service experience



Rating Scale: 1) Unacceptable, 2) Needs improvement, 3) Met Expectations, 4) Exceeded expectations, 5) Far exceeded expectations

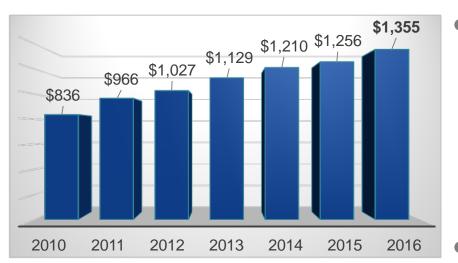


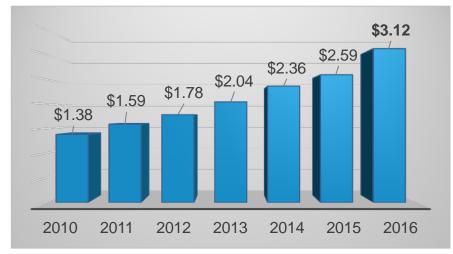




Revenue and EPS Comparison

Fiscal Year Ended June 30 Diluted EPS from Operations (in millions, except for per share data)





jack henry Banking

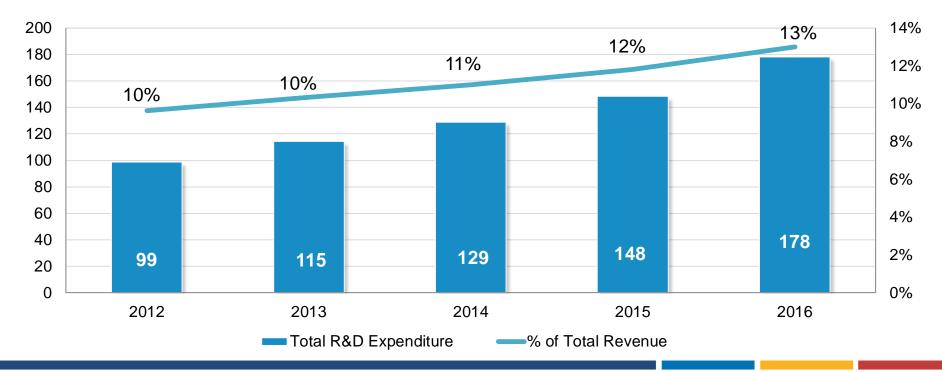
REVENUE EPS





Investment in Technology

R&D Expenditure (in millions and as a % of total revenue)







JHA Today

~6,000 *employees*

~10,000 *clients*

38 offices nationwide

5 core processing systems

JHA Payment Solutions™ processes more than

403+ million

monthly transactions representing over

\$108+ billion

per month

300+

products

and services

50+
acquisitions

\$1.35 billion

in revenue

51% of our core clients use the outsourced delivery model

jack henry Banking

jha

40
years in business





Sales Highlights Year-to-Date

JHA Banking®

- 22 New Core Clients includes a couple of denovos and 20 competitive displacements of established banks
- 36 Competitive Core wins since 1/1/16 including 6 mid-tier and 4 denovo banks
- Our card processing solutions business is robust on plan for Debit, Switch and Renewals

• Symitar®

- 14 New Core Clients, all of which are competitive displacements
- Record number of new credit unions with greater than \$1 Billion in assets
- Our Episys in-house to outsourced migrations have easily exceeded our goal for the entire year

ProfitStars[®]

- ProfitStars® serves two audiences <u>JHA Banking</u>®/<u>Symitar</u>® and <u>All Others</u>
- ProfitStars® has added 40 new customers to JHA never before contracted with us
- The number of ProfitStars® solutions in our non-core ProfitStars® clients averages 2.9, up from 2.7 last year







Jack Henry Banking®

- Mergers & acquisitions continue at a steady pace
- Continued success with our "Win-a-Merger" strategy
- We are continuing to roll out our Xperience framework as a new release to all JHA core customers
- New Treasury Management Solution in beta
- Call Center Services Suite Growing
- Several new solutions live
- Great recognition for JHA strategy by analysts







Core Banking Target Market Stability

Assets	2016	2015	Change	%
\$0 - 49M	570	633	-63	-10%
\$50 - 99M	972	1,135	-163	-14%
\$100 - 500M	2,975	3,226	-251	-8%
\$500 - 999M	663	674	-11	-2%
\$1.0 – 10B	627	601	+26	+4%
\$10B – 50B	74	67	+7	+10%
Total	5,881	6,336	-455	-7%

FDIC 12.31.15 to 12.31.16







Symitar[®]

- Set a new record with 6 competitive takeaways over \$1 billion in assets in a single year
- Continue to grow market share in the >\$1 billion asset market
 - Last year reported 40% of CUs over \$1B, edged over 42% this year
 - Market share 40% of all credit unions over \$250 million in assets
- Crossing major delivery milestones with several components of the Episys Technology Evolution strategy
- Continued record add-on sales of our complementary products into the Symitar[®] base







Core Credit Union Target Market Stability

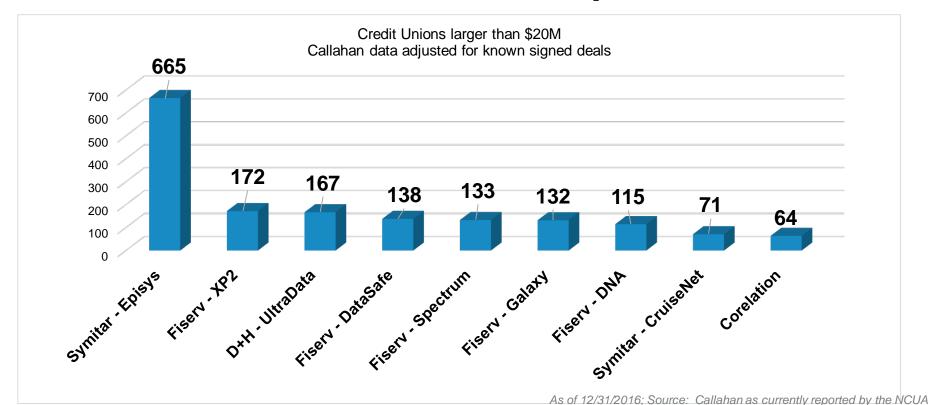
Assets	2016	2015	Change	%
\$0-\$49M	3,578	3,849	-271	-7%
\$50-\$99M	746	745	1	0%
\$100-\$499M	1,074	1,062	12	1%
\$500-\$999M	236	238	-2	-1%
\$1.0-\$10B	269	248	21	8%
\$10B +	6	5	1	20%
Total	5,909	6,147	-238	-4%

Source: Callahan 12-31-15 to 12-31-16





Credit Union Platform Landscape



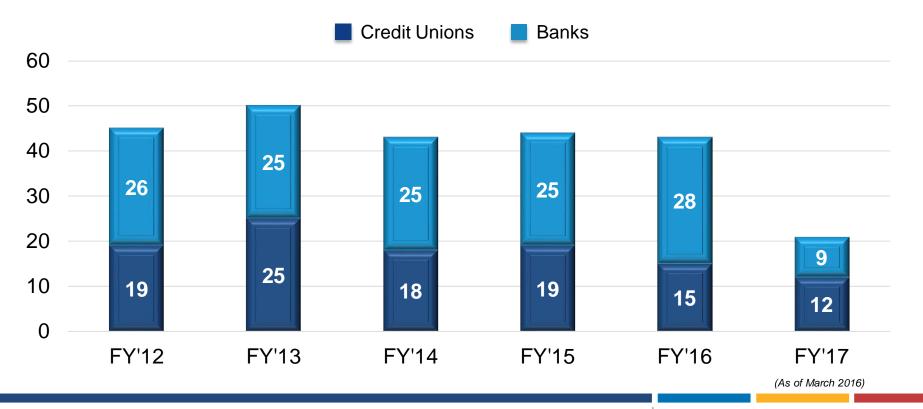








In-to-Out Sales



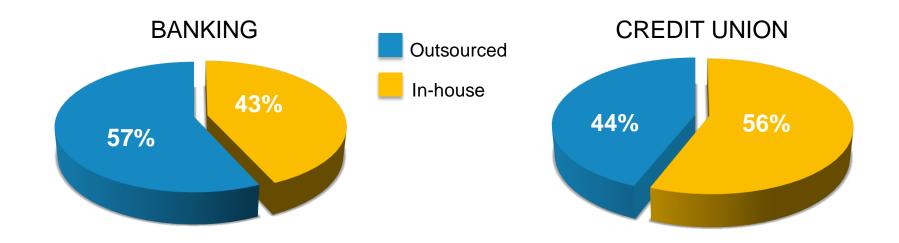








In-to-out Opportunity





Increase total revenue













JHA Payment Solutions™

17% of JHA employee base

34% of

YTD FY17

JHA revenue

10.5%

annual same-store transaction growth

5,700+

FI clients

\$108B+

monthly

processed volume

403M+ monthly transactions

jha







Key Payments Initiatives

- JHA Payments Hub Provide payment functionality as the central switch between client FIs and the faster payments networks.
 - B2B, P2P, and C2B are initial use cases through The Clearing House and ZelleSM networks
 - Goals include having at least one active use case by Q1 CY2018
- Faster P2P Settlement Developing and executing on strategies to enhance and expedite P2P payments.
 - Added Visa and MC debit card option for recipient to receive funds directly on card
 - Developing integration with ZelleSM network to provide near real-time capabilities
- Card Processing Platform Consolidation Immediate ability to include credit processing for banks and sell card services outside JHA core base.
 - Partnership agreements signed and public announcement made
 - Plan calls for new client implementations to commence in Q1 CY2018







Mobile/Digital Strategy

Banno Digital Platform

- Acquired Banno in March, 2014
- Industry leading mobile/digital solution
- Solution for online and mobile channels, marketing and managing customers/members via the tools in the platform
- Complete solution can also include the FI's website and the digital content shared across the web
- 187 total installs (130 outside of our core base)
- 54 installed so far in FY17







Hosted Network Solutions (HNS)

- Progressing as planned...
 - 57 customers signed and 37 live
 - Continuing to see about half of our customers add additional servers post-implementation
 - \$7.8MM Annual Recurring Revenue







FY'18 Outlook



Continue our dedicated focus on Financial Services



Maintain our high levels of customer service and satisfaction



Deliver high, integrated business solutions



Leverage advancing technologies to enhance products and services



Pursue disciplined acquisitions





NASDAQ: JKHY







NASDAQ: JKHY

Thank you.







Jack Henry & Associates, Inc.®

2017 Analyst Day

Kevin D. Williams, CFO and Treasurer



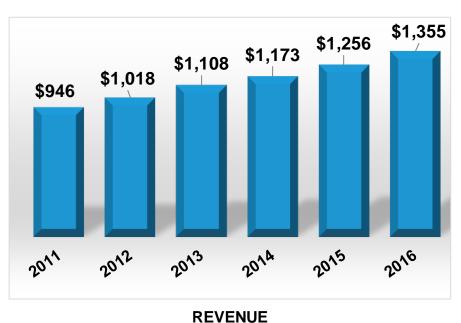


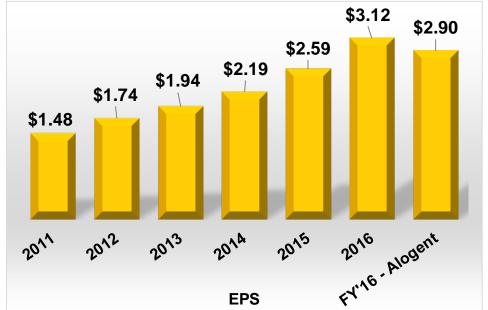


Revenue and EPS Comparison

(in millions, except per share data)

FISCAL YEAR ENDED JUNE 30

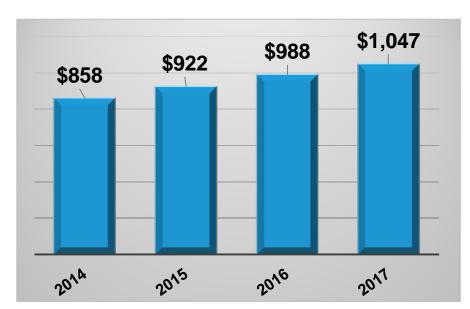


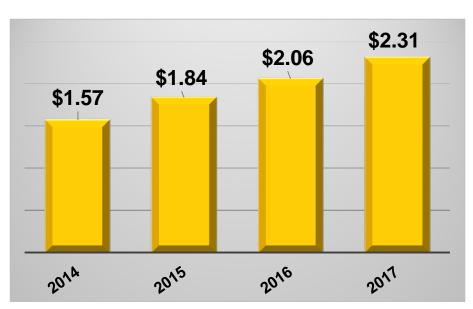


Revenue and EPS Comparison

(in millions, except per share data)

Year to Date March 31





jack henry Banking

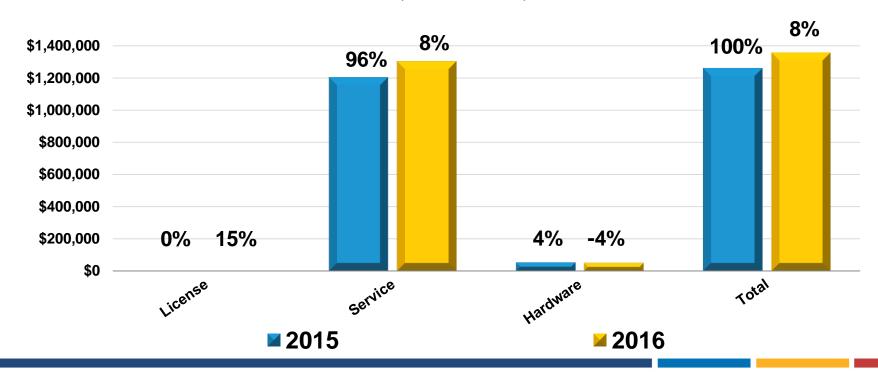
REVENUE EPS





Total Revenue Fiscal 2016

(Percentage of Total Revenue; Year over Year Growth) (in thousands)

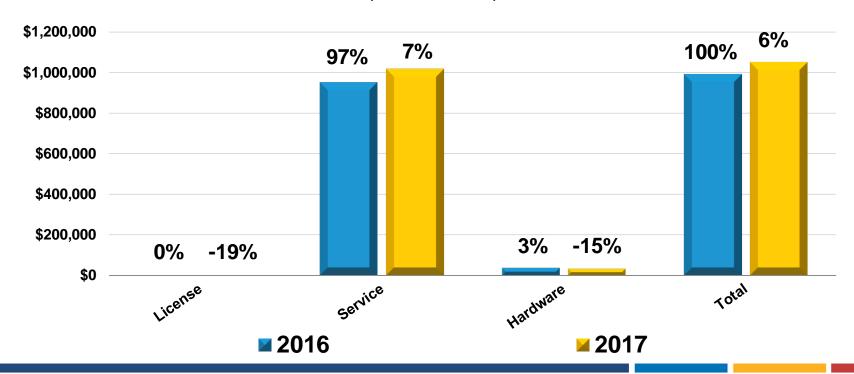






Total Revenue YTD 2017

(Percentage of Total Revenue; Year over Year Growth) (in thousands)

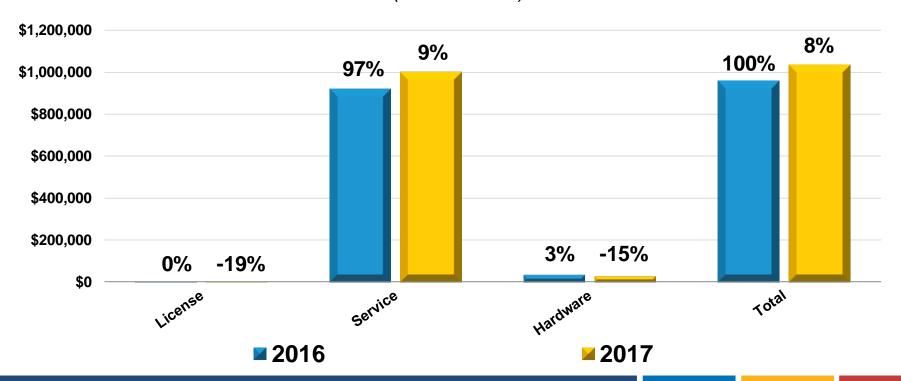






Revenue YTD 2017 Net of Deconversion and Alogent

(Percentage of Total Revenue; Year over Year Growth) (in thousands)

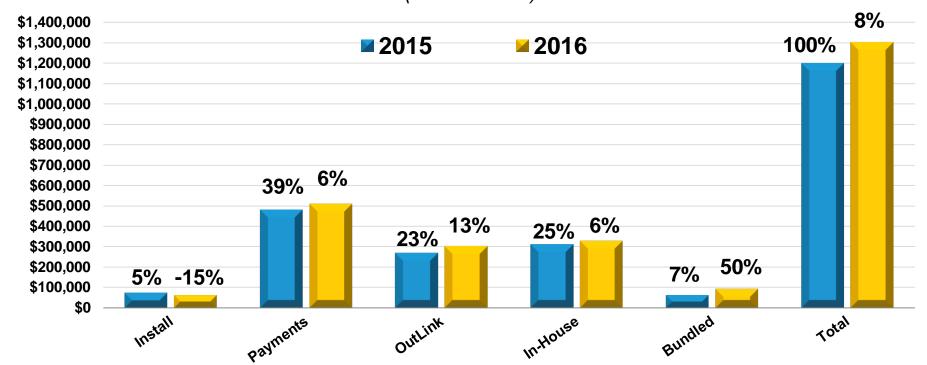






Support and Services Revenue FY'16

(Percentage of Support & Services Revenue; Year over Year Growth) (in thousands)



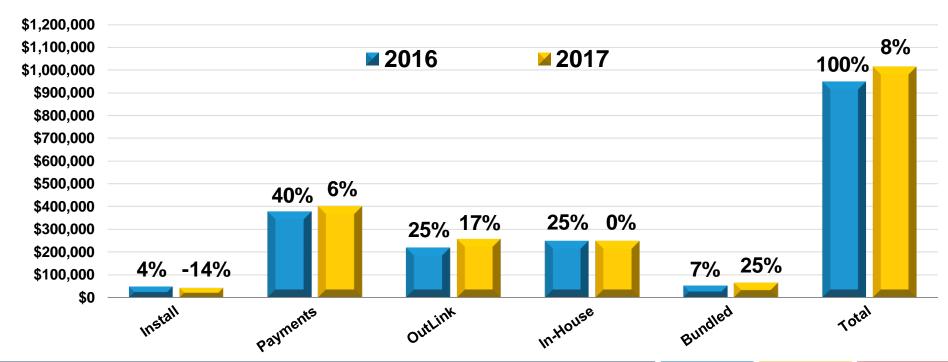






Support and Services Revenue YTD FY'17

(Percentage of Support & Services Revenue; Year over Year Growth) (in thousands)

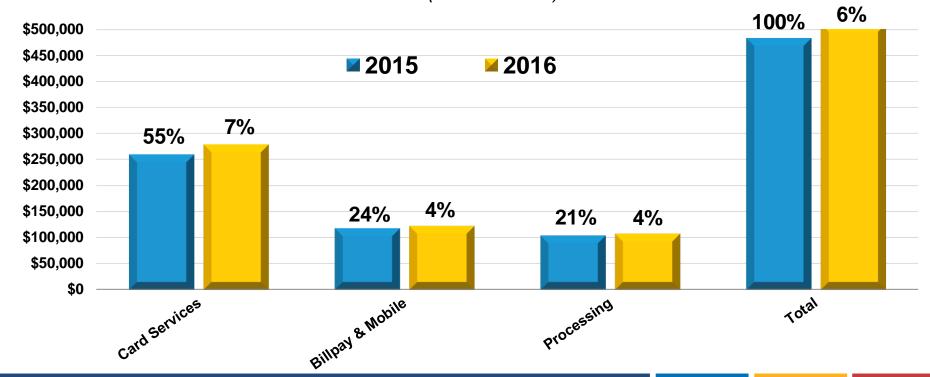






Electronic Payments Revenue FY'16

(Percentage of Electronic Payment Revenue; Year over Year Growth) (in thousands)

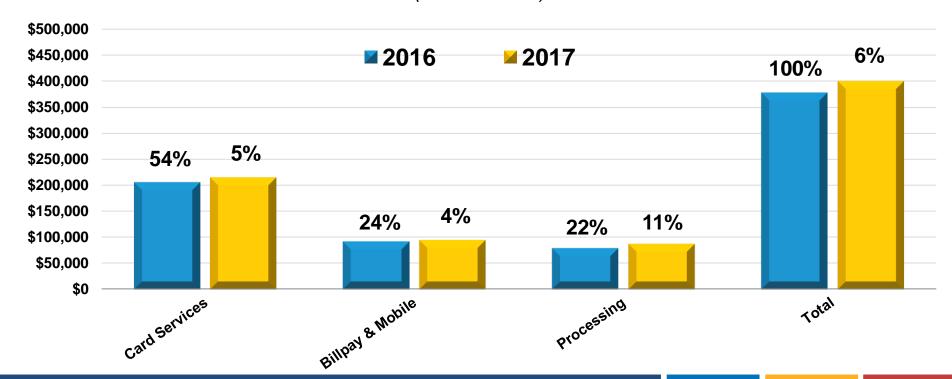






Electronic Payments Revenue YTD FY'17

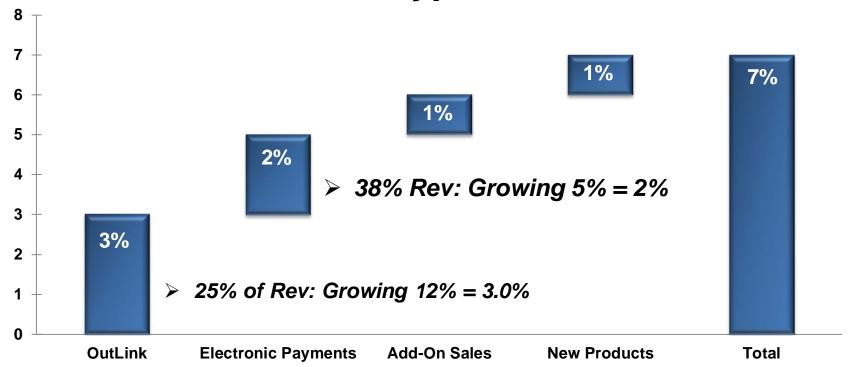
(Percentage of Electronic Payment Revenue; Year over Year Growth) (in thousands)







Projected Revenue Growth Drivers In a Typical Year

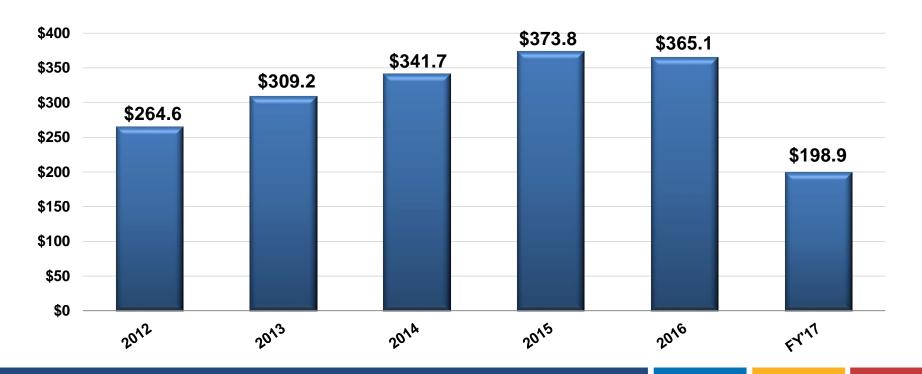






Operating Cash Flow

(in millions)

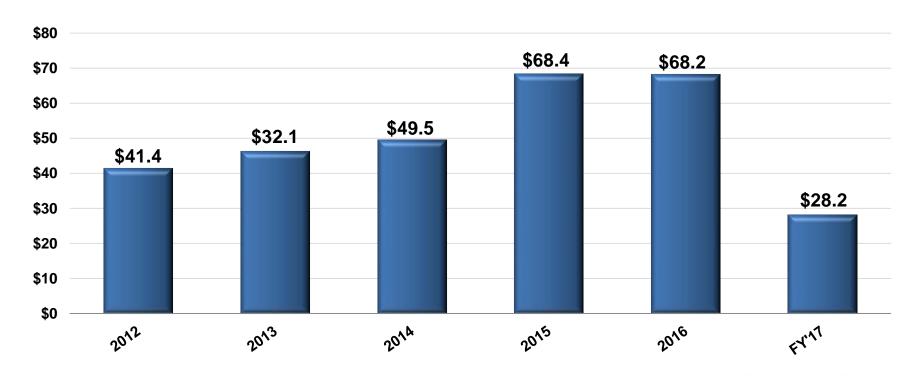






Capital Expenditures

(in millions)







Capitalized Software

(in millions)

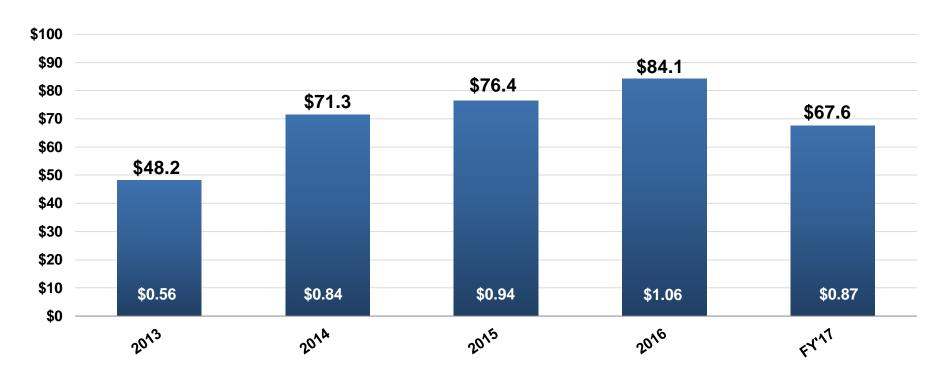






Dividends Paid

(in millions except per share amount)



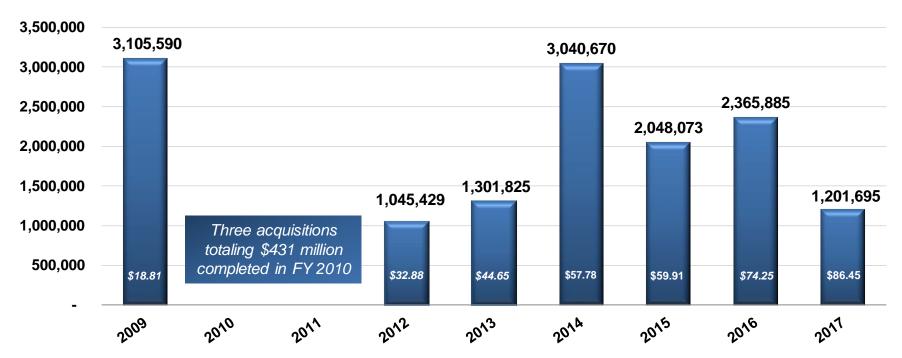






Share Repurchases

(Number of Shares and Average Price Per Share)



Aggregate Share Repurchased: 25,410,212 for \$980.0 Million, Average Price of \$38.57







Select Financial Metrics

	2012	2013	2014	2015	2016	FY'17
Current Ratio	0.95	1.05	0.87	1.11	0.97	1.11
Return on Assets	9.2%	10.1%	11.1%	12.0%	13.6%	15.2%
Return on Equity	16.2%	17.2%	18.8%	21.6%	25.0%	26.4%







NASDAQ: JKHY









NASDAQ: JKHY

Thanks for joining us and for investing in JKHY!







Jack Henry & Associates, Inc.®

2017 Analyst Day

Mark Forbis, VP & Chief Technology Officer May 8, 2017







Agenda

- Digital focus
- Enterprise Risk Mitigation Solutions
- Data project
- Enterprise and Integration initiatives
- Questions







Digital focus

- NetTeller
 - User Interface update roll-out
 - Continued feature updates
 - Commercial Cash Management product success
 - New Treasury Management Product BETA success
- goDough
 - User Interface update generally available (GA) now
- Banno Mobile, Online, Web, Monitor, People, Marketing
 - Product maturity, Team maturity, Integration maturity







Enterprise Risk Mitigation Solutions

- Exciting partnership w/SAS Institute Cary, NC
- Exclusivity agreement for hosting Financial Institutions up to \$30 Billion in assets
- Anti-Money Laundering (AML) module going to BETA this summer
- eFraud, Fraud, Card Services & Currency Transaction Reporting (CTR) modules to follow







Data

- We have to solve the age-old question of how to improve our plan to better leverage this data via modern tools
- How to get Data into and out of our Data 'Lake' leverage the data for our products, for our FIs, provide it to our FI customers, Peer analysis, leverage it for JHA as well
- Machine Learning, Artificial Intelligence, Business Intelligence, Data Visualization
 - Key to being successful with 'bots' Chat, Alexa, Google home, etc.
- Answers without questions
- Feeds to JHAKnow /ARCU (warehouse and reporting products), feeds to CRM,
 Payment, Digital, and Fraud solutions, etc.







Enterprise and Integration Projects

- Enterprise Multi-Factor Authentication (MFA)
 - in production
- Consumer Identity Management (CIMS)
 - wrapping up development, planning for adoption
- Enterprise Eventing
 - in production and adoption
- Enterprise Notification
 - in production and adoption
- Enterprise Integration Competency Center
 - process improvement, more formality, better visibility







NASDAQ: JKHY









NASDAQ: JKHY

Thank you.







Jack Henry & Associates, Inc.®



2017 Analyst Day

Stacey Zengel, President of Jack Henry Banking May 8, 2017







jack henry Banking®

A DIVISION OF JACK HENRY & ASSOCIATES INC®



1,200 BANKS

Primary technology partner for approximately 1,200 banks ranging from community banks to multi-billion dollar banks and multi-bank holding companies



MULTI-BILLION

Supports
approximately 22% of
multi-billion banks
with assets up
to \$50 billion



140 SOLUTIONS

Three functionally distinct core systems and more than 140 fullyintegrated complementary solutions.



In-House and Outsourced

COMPETITIVE CORE SYSTEMS



We've replaced every major competitive alternative marketed today.







The Banking Market

- M&A / market consolidation / charter collapses continuing
- Denovo's re-emerging but different than pre-2008
- Interest rates seem to be ever so slightly on the increase
- Loans seem to be "returning to normal" in most areas nationally
- Banks are increasing the use of analytics to better understand their customers
- Fraudsters have moved way beyond "catch me if you can" triggering the needs for new technologies
- Banks are re-evaluating their branch footprints and configurations
- Banks are correspondingly evaluating their consumer interface







Our Banking Solutions

- Making Excellent Progress / Creating Opportunities
 - Digital channel products (Banno, Branch Anywhere)
 - Back office customer conversion (Xperience)
 - Platform roll-out (OnBoard)
 - Commercial Cash Management (Treasury Management)
 - Commercial Lending (Commercial Lending Center)
 - CECL (Financial Performance Suite)
 - Fraud Related Solutions (Card Services)







Our Key Initiatives

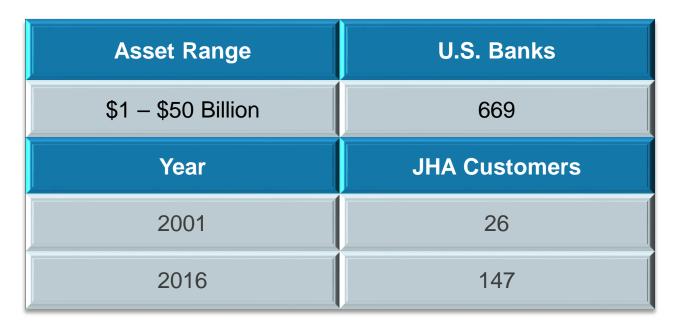
- Digital (Banno, Branch Anywhere)
- Cash Management rollout
- Commercial Lending / Account Analysis / Wires
- Disaster Avoidance Improvements in OutLink
- Faster Payments initiatives
- OnBoard platform roll-out
- Call Center growth
- Process Improvement = Cost Savings
- Risk (ERMS integration)
- Xperience roll-out







Strategic Multi-Billion Market Segment



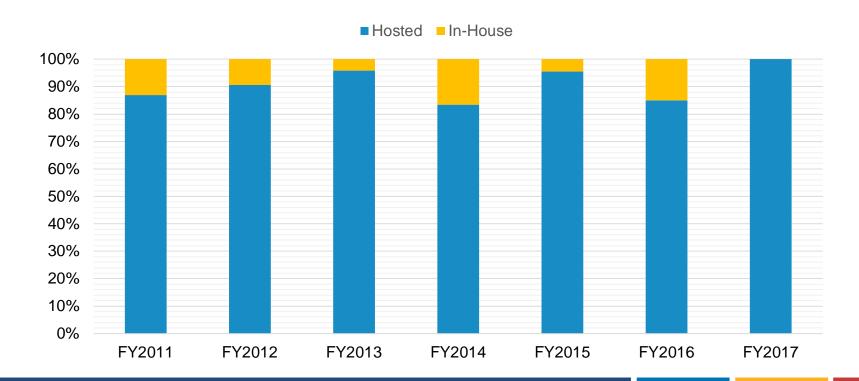
~ 22% of Multi-Billion Banks







Banking New Core Sales by Hosting Preference



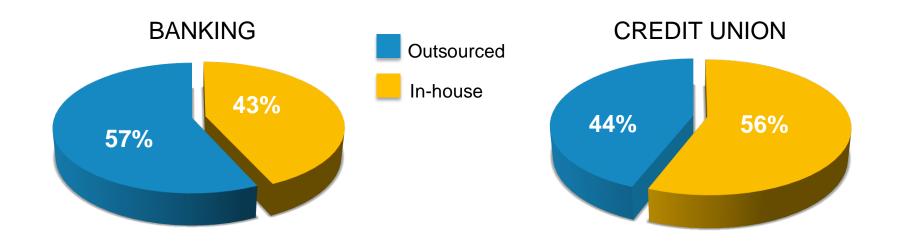








In-to-out Opportunity





Increase total revenue





Multi-year contracts







Summary

- Continued success in a competitive market
- We continue to expand our multi-billion dollar bank presence
- Outsourcing continues to be a key growth area for JKHY
- Our initiatives that are underway will:
 - Enhance the customer experience
 - Enhance our customer's customers experience
 - Make banking simpler and more efficient for our customers
 - Increasing their satisfaction with our solutions
 - Helping us drive new business







NASDAQ: JKHY







NASDAQ: JKHY

Thank you.







Jack Henry & Associates, Inc.®

2017 Analyst Day

Ted Bilke, President Symitar May 8, 2017











Agenda

- Credit union platform landscape
- Direction and focus
- Service excellence
- Technology evolution update
- It's all about the integration







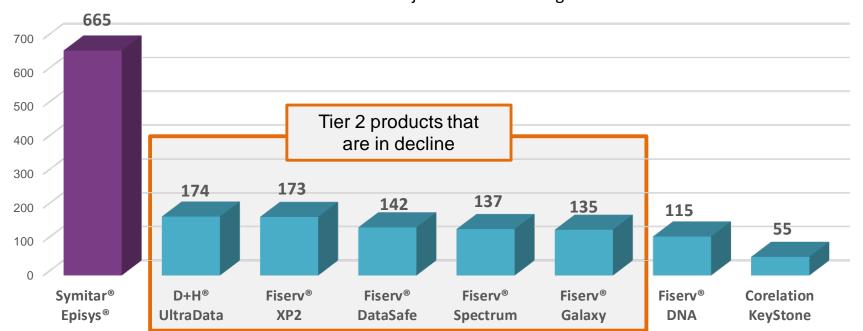
Credit Union Platform Landscape





Credit Union Platform Landscape

Credit unions over \$20M Callahan data adjusted for known signed deals



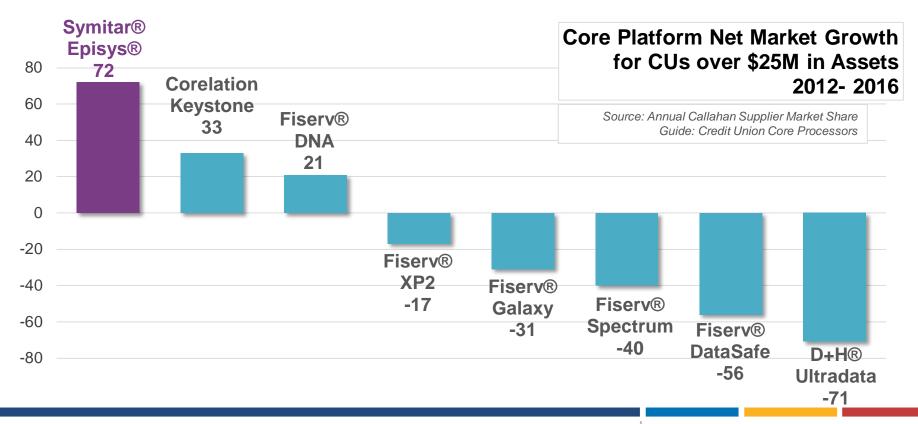
Source: Callahan as currently reported by the NCUA as of 9/30/2016





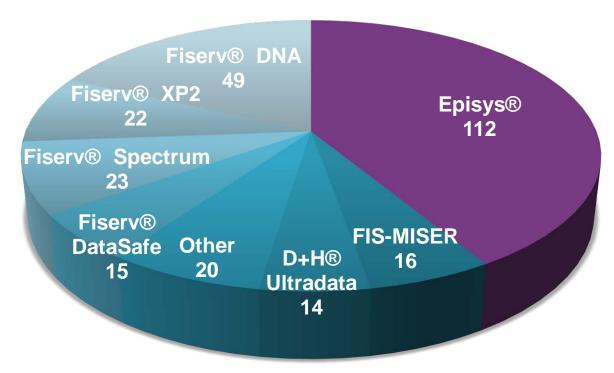


"Net" Client Change by Vendor





The Billion-Dollar Credit Union Market



as of 9/30/2016; Source: Callahan as currently reported by the





Direction and Focus







Symitar Direction and Focus

- Two core platforms: Episys® and Cruise®
- Excellent technical support
- Quality implementations
- Tight integration with JHA & ProfitStars® products
- Open easy integration of third-party products
- High-value new products and services
- Continued year-over-year R&D investment







Symitar® Sales and Service Strategy

- Continue to win competitive platform takeaways
- Add-on sales with current customers
- Help our customers achieve operational efficiencies
- Bundled solutions to maximize value for our customers
- Powered by Episys® (pick your delivery option)
- Continued focus on customer retention







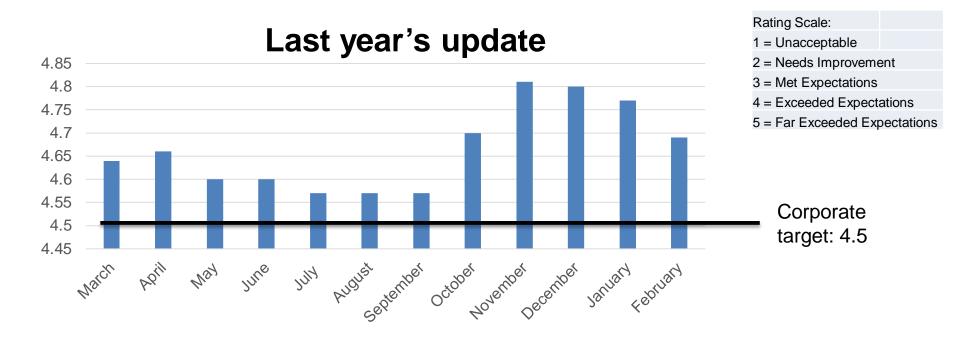
Service Excellence







Episys Excellent Service

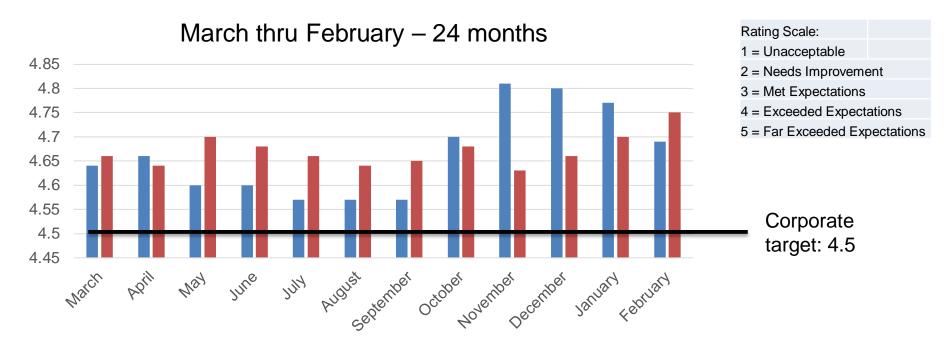








Episys Excellent Service









Technology Evolution Update







Episys Technology Vision

- Workflow driven user interface
- Services architecture with open API
- Multiple database options
- Self-service "do it yourself" tools enabling customization
- Scalable, secure and always available









GO BOLD

It's all about INTEGRATION!

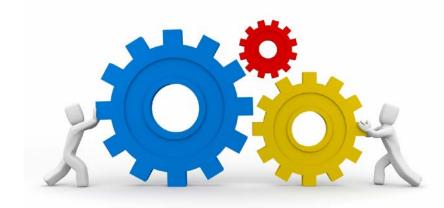






Integrated solutions

- Banno Mobile
- JHA Enterprise Workflow
- JHA Call Center
- JHA Enterprise Notification System (ENS)
- Enterprise Risk Mitigation Solution (ERMS)
- CECL (Current Expected Credit Loss model)
- Faster Payments







NASDAQ: JKHY







NASDAQ: JKHY

Thank you.







Jack Henry & Associates, Inc.®

2017 Analyst Day

Russ Bernthal, President ProfitStars® May 8, 2017









Agenda

- ProfitStars® Overview
- Few solutions & initiatives highlights
- Questions?







ProfitStars®

 Maintaining a high level of customer service





- Enhance and support customer performance
- Fls of all asset sizes
- Any core processing system
- Diverse corporate entities

jack henry Banking

- Uses an independent sales team
- Reseller partnerships





 Seek out and absorb additional acquired companies







ProfitStars®

2006 *Year founded*

~9,500 clients

15 of the top 50 banks are PS clients

80+
core processing
systems

~850

Core JHA
Banking clients

~600
Core Symitar
clients

100+

products

and services

20+
acquisitions

~400 \$1Billion+ Banks ~220 \$1Billion+ Credit Unions Range of Insurance
Industries Healthcare
Utilities Transportation

2.9 Average products/customer







ProfitStars® Offers

Financial Performance

- Asset/Liability Management
- Budgeting, Loan & Deposit Pricing Profitability
- A/R Financing
- Commercial Lending Solutions

- **Imaging**
- **JHA Payment** Solutions™
- Information **Security & Risk** Management
- **Online & Mobile**
- **Retail Delivery**

- Enterprise Content Management
 Branch/Teller Capture
- Enterprise Conversion Services
- Check Imaging

- ATM Deposit Management
- Deposit Fraud Detection

Remittance Solutions

- Enterprise Payment Solutions[™]
- Bill Payment Solutions

- Deposit Automation
- ATM Management

 Business Continuity & Disaster Recovery

Consumer & Business Bill Pay

- Enterprise Security Monitoring
- Managed IT Services
- Mobile Banking
- P2P

- Hosted Network Solutions
- Website Design/Hosting
- Mobile Websites

jack henry Banking

CRM Solutions







Highlighted ProfitStars® Solutions





Financial Performance Suite

Provides banking and credit union software and consulting solutions to assist in managing financial performance via:

- Asset Liability Management
- Budgeting
- Profitability
- Pricing
- Dashboard
- CECL

Differentiators

- Hosted offering
- Common ETL, data, calculations, and UI with full integration
- Core-agnostic
- Cloud-based
- Hands-on product consulting
- Board presentations





CECL (Current Expected Credit Loss)

New Product

- Regulatory requirement that plays across core/non-core bank/credit union
- Built on Financial Performance Suite (FPS) platform quickly bringing new Financial Performance products to market
- CECL DataStore & Validation Available today
- CECL Analysis & Reporting Target Fall 2017







Gladiator®

Information Security & Risk Management

Provide managed services, enterprise network solutions, and IT regulatory compliance solutions to financial institutions via:

- **Hosted Network** Solutions™ (HNS)
- CoreDEFENSE Managed Security Services™
- Managed IT Services™ (MITS)
- IT regulatory compliance solutions
- Network installations
- Help desk services

- Enterprise Security Monitoring[™] (Fraud Monitoring)
- Hosted IP telephony
 - Email spam & virus filtering
- Email encryption
- Security consulting
- Virtual Information Security Officer (vISO)

Differentiators

- Breadth of advanced threat protection suite of services
- Highly skilled security, technology, and compliance team
- One-stop shop for security, technology, and compliance needs
- Leader in FI threat intelligence solutions
- Financial industry–focused and FFIEC-regulated





Gladiator Hosted Network Solutions™

- Hosted Network Solutions[™] (HNS)
 - Cloud-based infrastructure-as-a-service solution that allows customers to eliminate the need for in-house servers and storage
 - Allows the FI to offload the ownership and management of their infrastructure
 - Allows IT to focus on strategic initiatives
 - Eliminates CapEx for initial infrastructure and future refreshes
 - Add on services:
 - Managed IT Services[™] (MITS)
 - CoreDEFENSE Managed Security Services[™]
 - Help Desk

Hosted Network
Solutions™
Number of servers running
1200+







Virtual Information Security Officer (vISO)

New Product

- Complements customer's Information Security officer
- Provide expertise and guidance regarding customer IT governance program assessing their maturity level
- Bundles and expands on what we do today providing a suite of services
- Participate in committee/board meetings if desired







Lending Solutions

Financial Performance

Provides commercial lending solutions to financial institutions via:

- Online customer facing portal providing an efficient paperless online loan request and workflow
- Commercial loan management system with unique Asset Based Lending (ABL) products including Healthcare and Inventory
- FactorSoft®, the industry's leading factoring platform
- BusinessManager®, a highly specialized accounts receivable lending tool

Differentiators

- Largest software company in the factoring arena
- A leader in online lending, healthcare accounts and receivable solutions
- Access to Alternative Lenders







Core Integration with CLC (Commercial Lending Center)

New Capability

- Platform for all of our commercial lending offerings
- Enables near real-time data sharing between systems during the lending process
- Helps FIs meet growing regulator requirements to manage risk through technology automation
- 1st release JHA Banking cores Available today

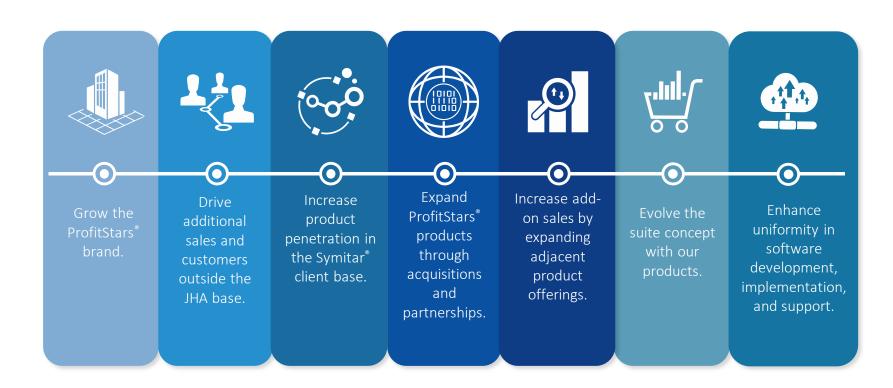








What's Important to ProfitStars® in 2017?









ProfitStars® Summary

- Diverse product set
- Successful reseller partnerships contribute to our performance
- Independent sales team focused on mining existing core and non-JHA core relationships
- Strategically positioned to seek out and absorb additional acquired companies
- Steadfast focus on attaining high levels of customer satisfaction that's consistent with Symitar[®] and Jack Henry Banking[®]







NASDAQ: JKHY









NASDAQ: JKHY

Thank you.







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Greg Adelson, GM JHA Payment Solutions May 8, 2017







Agenda

Introduction and Background

Payment Solutions Overview and Strategic Goals

Key Payment Initiatives for FY18

Faster Payments Update





Introduction and Background

- Over 20 years in financial services and electronic payments
- Executive positions with industry leaders in key e-payment verticals:
 - POS check verification and credit card acceptance (NPC, now BofA)
 - Pre-paid card issuing and processing (FSV, now US Bank)
 - Remittance processing/lockbox (Regulus, now Transcentra)
 - Biller Direct (ChoicePay, now ACI)
- JHA tenure started July 2011 as group president of iPay Solutions™
- Promoted to GM, JHA Payment Solutions in July 2014
- Reside in Louisville, KY







JHA Payment Solutions™



CPS

Card Processing Solutions™

- ATM, debit, and credit card transaction processing solutions
- Fraud mitigation, cardholder awards, card optimization programs



EPS

Enterprise Payment Solutions™

- Complete payments platform: remote deposit capture, ACH, card, alternative payments, risk management tools, and sophisticated reporting capabilities
- Sold through channel sales teams and through VARs



iPay Solutions[™]

- Consumer and small business bill payment solutions inclusive of P2P, A2A, and Tier 1 call center support
- Available in fully hosted or API/back-end operational support









JHA Payment Solutions™

IMPACT AT JHA

17% of JHA employee base

34% of
YTD FY17
JHA revenue

10.5%

annual same-store transaction growth

5,700+

FI clients

\$108B+

monthly

processed volume

403M+ monthly transactions

jha







JHA Payment Solutions™ - Strategic Goals



Ensure our clients, regardless of size, have equal access to superior payment capabilities with the goal to generate additional non-interest income.



Provide intuitive, engaging solutions delivered with a superior user experience and 'on time' development execution.



Deliver consistent implementation and service experience for shared clients exceeding JHA survey standards for excellence.



Embrace co-opetition and partnerships for the betterment of the payment ecosystem.



Build efficiency, effectiveness and scale through constant evaluation of processes and procedures.



Develop, acquire, partner to create best of breed payment solution suite.







Top Three Payment Initiatives

JHA Payments Hub

Provide payment functionality as the central switch between client FIs and the faster payments networks

- B2B, P2P, and C2B are initial use cases through The Clearing House and ZelleSM networks
- Goals include having at least one active use case by Q1 CY2018 (subject to partner timelines as well)

Faster P2P Settlement

Developing and executing on strategies to enhance and expedite P2P payments

- Added Visa and MC debit card option for recipient to receive funds directly on card
- Developing integration with ZelleSM network to provide near real-time capabilities

Card Processing Platform Consolidation

Immediate ability to include credit processing for banks and sell card services outside JHA core base

- Partnership agreements signed and public announcement made
- Plan calls for new client implementations to commence in Q1 CY2018







Other Key Initiatives in Progress

- Fraud Mitigation enhancements and new products to continue to improve cardholder experience and fraud mitigation for our FI issuers
- Full Bill Detail more than 400 billers accessible via pdf with immediate access to past history and all other enclosures included by biller that month
- Biller Direct complements consolidator model (iPay) and addresses small business client market with a non-interest fee income opportunity for FI
- **Voice Enabled Bill Pay** ability to pay bills/people and add payees with devices powered by artificial intelligence (e.g., Amazon Alexa)
- **Mobile RDA Enhancements** focused effort to enhance risk management and workflow (e.g., velocity, geo-location tagging, UI enhancements)









The Clearing House's Near Real-Time Payments Initiative

TCH is building an industrial strength clearing and settlement system to support Near Real-Time Payments for the US

- Ability to send and receive payments 24/7 directly from their accounts at financial institutions; funds availability within seconds of payment initiation
- Designed as the 'safer payment option' while providing payment status information to both originators and receivers
- Supports the sending/receiving of data and non-payment messages to enable the development of innovative products and services by financial institutions
- Payment is irrevocable and currently limited to \$25,000 max; can request return of a payment through defined process

Source: TCH







TCH Example Use Cases

BUSINESS TO PERSON PERSON TO PERSON

- Temporary employee wages
- Emergency payroll
- Urgent B2C (e.g., disaster relief)



- · Non-commerce payments (e.g. rent payment to a roommate, emergency funds for a family member)
- Urgent Account-to-Account transfers (e.g. to fund investments or purchases)
- Informal services (e.g., babysitting, lawn care)

PERSON TO BUSINESS



- Immediate bill payments with acknowledgment
- Some e-commerce purchases

BUSINESS TO BUSINESS



Source: TCH

- Just in time payments to suppliers
- Immediate bill payments with acknowledgment







P2P via the ZelleSM Network

- ZelleSM is a consumer branded P2P network using social aliases (mobile number and email address)
- Consumers with accounts at participating financial institutions can send funds to other network members in near real time
- All participants use the same co branded ZelleSM
- mobile interface
- Their account is debited, the recipient is credited, and the confirmation the money was sent all happen within seconds
- Settlement between participating institutions happens next day via ACH









ZelleSM: Value to the Industry

Faster Network

Immediate notification of successful transfer to end users, providing certainty for both senders and receivers

Embedded security from the leaders in financial services

Participants include some of the largest Fls in country

Ubiquitous Access

No matter who the recipient banks with. ZelleSM is available to send money (as long as they have a debit card).

Source: Zelle

A consistent use experience across FI mobile banking platforms

The consistent ZelleSM experience gives parity to the smaller financial institutions.

A wide and inclusive alternative for checks and cash

Consumers can avoid a trip to the bank, go to the ATM, or write a check.





Execution of JHA Faster Payments Strategy - to date -

Project is a top corporate priority; dedicated product and development team in place.

"Early
winner"
partnerships
with The
Clearing
House and
Zelle.

JHA is building payments hub as connection point to faster payments networks. Launched partnership with ACI, licensing UP framework for gateway connection to TCH & Zelle.

Onsite collaborative work sessions will continue throughout summer.

Proof of Concept targeted for CY Q1 2018 (subject to partner timelines)





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Thank you.







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Steve Tomson
General Manager, Sales|Marketing, JHA









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Fran Kester Director of Sales - Symitar[®]









The Credit Union Environment

- Core vendor consolidation continues to drive demand for Episys (>\$50M market space)
- Merger activity has stayed consistent, seeing hints of large CU's combining or considering shared resources
- Few changes/little action in the low assets range (<\$50M in assets)







Symitar's YTD Sales Performance

Net New Core Sales

- FY 2017 has seen 6 competitive takeaways >\$1B in assets, new record
- Our total net new core win run rate remains consistent with historical average
- Majority of activity is above \$50M asset range
- Activity from multiple delivery options: in-house, outsourced and CUSO's
- Delivery method is roughly split 50/50 in-house vs. outsourced





Symitar's Upsell and Cross Sell Priorities

Increasing add-on sales to existing customers

- Seeing strong demand for JHA complementary products:
 - Banno® mobile
 - ATM/debit/credit (CPS)
 - Imaging solution (Synergy)
 - CRM/contact management (Synapsys)
 - Advanced Reporting for Credit Unions (ARCU)
- In-house to outsource migrations continue to surge
- Hosted Network Solutions is also building nicely







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Leo Mallamaci Director of Sales – JH Banking®









The Banking Environment

- The digital customer experience
- Our payments focus
- External regulatory pressure
- The current M&A Activity
- Fed's influence on rising or flat interest rates
- Enjoying the heating up of denovo applications
- Seeing increases in customer consultant engagements
- Attention towards vendor and purchase process management
- Bankers focusing on technology to drive efficiency







FY 2018 Key Initiatives

- Regional realignment territory coverage
- Organic growth in denovo to mid-tier markets
- Customer recommitment, contract extensions and solution adds
- Continued success with in-house to outsourcing migrations
- Mobile and payments remain front of mind
- Expanded call center services
- Hosted Network Solutions (HNS) decisions growing
- Our treasury and cash management suite







FY 2018 Key Priorities

- Drive proactive consultant communications
- Pursue the lowest cost of sales options
- Continually evaluate, coach, lead our sellers
- Ensure that we are recruiting/onboarding the top talent
- Strive for operational process improvement
- Capitalize on our investments in sales enablement tools







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Bruce Krajewski

Director of Sales – ProfitStars® Payments









ProfitStars® Payments YTD Sales Performance

- Strong/balanced sales contribution across all of the ProfitStars® Payments group
- Over 60% of our payments sales professionals are exceeding quota YTD
- Quarter to quarter run rates increasing in number and size of transactions
- Enjoying a material increase in year over year sales bookings
- Attractive results coming from our iPay Bill Pay suite and mobile capture services







FY 2018 Key Initiatives

- Continue leveraging Banno® mobile by bundling with EPS® and iPay®
- Further building our partnerships capitalizing on mutual success
- Drive expanded payments opportunities via Money Center
- Build and expand upon our newly launched Biller Direct solution







FY 2018 Priorities

- Retain our high quality performers
- Continue the utilization of SalesForce to increase sales efficiency and results
- Creatively embrace Challenger Sales strategy thought/action/skill leaders
- Remain laser focused on driving results outside the JHA core customer base
- Maintain the industry's highest level of sales integrity







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Brian Otte

Director of Sales – ProfitStars® Solutions



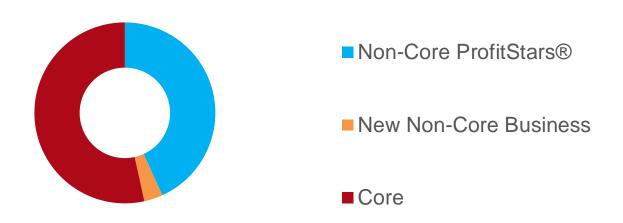




ProfitStars® Solutions YTD Sales Performance

YTD Distribution

Nearly half of our sales are into core competitors' Fls







2018 Key Initiatives

- Security FIs needing to add more layers of security to address evolving "Threatscape".
- Cloud Infrastructure Cloud Solutions such as (Hosted Network Solutions) continue to gain market acceptance.
- Fraud Analytics Hosted advanced and predictive analytics to aid in detecting and preventing financial crimes.





FY 2018 Priorities

- Financial Performance Suite designed to drive customer profitability and pricing analytics for improved executive decision making and operating results
- Introduce and deploy Current Expected Credit Loss (CECL) to serve the obligatory requirements of life of loan loss projections
- Leverage our Account Management team by further targeting those financial institutions utilizing a core processing platform other than a JHA core.





NASDAQ: JKHY









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Thank You for Attending Today's Event!







