

Q2 Quarterly Call

Dash Core Group, Inc.
August 10, 2018



A few things before we get started

- This call is being recorded and will be shared on the Dash YouTube Channel
- Audience microphones are muted
- Questions may be submitted in the chat window and will be answered at the end

Moderator: Ryan Taylor, CEO

Operator: Robert Wiecko, COO



What is Dash?

Problem

What are we solving?

Payments take too long and cost too much.

Our Mission

What do we want to do?

Improve financial freedom.

Our Values

Why do we want to do it?

Everyone deserves

- Safe and secure access to financial services
- Ability to store value
- Fast and cheap transactions
- No borders, no closing times
- Personal control over one's data

Our Goal

How will we to do it?

Give people a better way to pay and get paid.

Our Solution

What is Dash?

Digital cash with instant transactions and micro-fees.
Anytime, anywhere.



How It Works



Digital Cash

Features

- 1-3 sec / \$.03
- 2-12 min / \$.003

Components

Dash

How to Get

- Buy from:
- Exchanges
 - ATM

Use Cases

- Payments
- 160 countries
 - 50+ exchanges
 - 2,000+ merchants, service providers



Payment Network

- Open-source
- Public

Blockchain

- Free download

- Consumer to consumer
- Business to consumer
- Business to business



Products

- Send
- Receive
- Store

- Apps
- API

- App stores, internet
- 3rd party payment processor or data service provider
- Host infrastructure

- Desktop, Mobile
- Plugins
- Point of Sale
- Custom applications

How We're Improving

Evolution is the next major update to the Dash Core protocol with a focus on **user experience** for all user types.



Individuals

Problems

Digital wallets are hard to use

Cryptographic addresses

Private keys

No easy way to store contacts

Must know and enter contact's correct cryptographic address

Third party on- and off-ramps

Solutions

▶ Provide a reliable way to exchange Dash

Create profile with human username

Sign in securely and easily with passphrase and PIN

Create a list of contacts

Exchange payments by username

Buy and sell Dash via the app

Evolution Products

▶ Simple Payments App ("DashPay")

iOS and Android apps that allow users to create accounts and exchange payments

No previous knowledge of cryptocurrencies required



Businesses

Network is hard to access

Requires dedicated hosting and computing to run Dash software node

3rd party API's exist, but are hosted on central server and charge fees

▶ Offer easy ways to accept payment in Dash

Dash network can host application data without running a full node

Businesses to connect directly to network without third parties

▶ Decentralized API ("DAPI")

DAPI allowing businesses to connect directly to the network



Developers

Custom applications are hard to build

No development tools for building a custom application on the Dash network

▶ Create open-source tools for easier integration

Developers can easily access documentation and tools to build their own DAPs

▶ DAPI Software Development Kits (SDKs)

SDKs for the DAPI for easy integration of key Evolution functions



How We Think About Growth

Our mission is to give people a better way to **pay and get paid**.

We offer **fast, cheap, and secure** payments.

DCG creates **open-source** software products **anyone can use, anywhere**.

But we can't focus on everyone, everywhere - we need **priorities**.

We evaluated **market** conditions, **business** opportunities, **resources**, and Dash **community** activity.

Based on this, we identified the best opportunities for DCG to start.

PAYMENTS = CURRENCY + PAYMENT METHOD

C2C
C2B
B2B

US Dollar
Euro
Yen
Pound
Franc
Rand
BTC

Cash
Bank Transfer
Checks
Credit Cards
Debit Cards
Mobile Payments
Crypto

Considerations

- Masternodes own the Dash network, and continue to decide on overall network priorities.
- We will expand focus to other regions at a later date.
- We will also continue to support legacy partners.

BEST OPPORTUNITIES = GREATEST NEED + GREATEST FIT

TARGETS

Local Currency

Cash

Remittances

Credit Cards

Digital Currency

PROBLEMS

- Cash shortages
- Inability to store value
- People don't want to use

- Costly to handle large amounts
- Banks restrict deposits & use

- Fees
- Wait times

- Fees
- Chargebacks

- Wait times
- Security

HYPOTHESIS

Hyperinflation

Cannabis

International

High Chargebacks

Crypto Trading

Where We Will Focus

Target	Local Currency	Cash	Remittances	Credit Cards	Digital Currency
Hypothesis	Hyperinflation	Legal Cannabis	International	High Chargebacks	Crypto Trading
Opportunity	<p>1M% inflation projected by IMF</p> <p>46,300% increase in 2018 consumer prices</p> <p>99% loss of value since 2012</p>	<p>Cost of cash sales up to 30%</p> <p>\$9.2B legal cannabis industry in US</p> <p>Legal complications a high barrier to entry</p>	<p>7-10% fees</p> <p>Several hours to receive funds</p> <p>92% (\$28.1B) incoming MX remittances come from the US</p> <p>MX is the 4th largest receiving remittance market (\$30B+)</p>	<p>Up to 8-12% MDR for businesses to accept credit card</p> <p>#1 market for gambling (29.5% of global market, or \$31B)</p> <p>Recent legal decisions allow online sports betting (\$400M)</p>	<p>Average \$100M+ USD Dash traded every 24 hours</p> <p>No ability to fund trading accounts instantly</p> <p>Increased user risk by keeping funds on exchanges</p>
Synergies	<p>Bolivar is significantly more volatile than Dash</p> <p>Strong Dash infrastructure, community and #2 website visitor</p> <p>Customer support desk</p>	<p>Exclusive partnership with leading Cannabis POS</p> <p>Strong existing Dash infrastructure</p> <p>Alt36 - CannTrade (400+ B2B businesses)</p> <p>Alt36 - Webjoint (200+ B2C dispensaries)</p>	<p>Top 2 (China/India) remittance markets had crypto legal restrictions</p> <p>Strong fiat on/off ramps in US market</p> <p>Bitgo integration allows further MX expansion</p> <p>Geographical synergies with MX market</p>	<p>Fiat onramps / offramps</p> <p>New FanDuel relationship</p> <p>Dash currently integrated in 10 online cryptocurrency casinos</p> <p>InstantSend prevents chargebacks</p> <p>Micro transaction fees</p>	<p>InstantSend resolves delays</p> <p>Partnerships with exchanges</p> <p>Improved Exchange value proposition</p>
Conclusion	Venezuelan Bolivar	US Cannabis Market	Mexico / US Corridor	US & Online Gambling Market	Crypto Exchanges (Online)





Team Updates

Strategy - Q2 Update








Responsibilities

Objective

Target

Actual

Status

Responsibilities	Objective	Target	Actual	Status
Strategy	Build strategy, campaigns, and integrated plans	Drafts completed.	Strategy complete. Did not start campaigns, integrated plans.	
Product	Build MVP Evolution product roadmap	Roadmap built.	Roadmap built internally.	
	Refresh website	New website released.	Finalized scope. Iterating design, content.	
	Build customer journey maps	Customer journey maps finalized.	In progress.	
Business Intelligence	Hire Business Intelligence Manager	Role filled.	Role filled.	
	Reframe quarterly metrics	Metrics aligned to goals.	Did not start	
Research	Publish scaling research	Research published.	Research published.	



Complete



In progress



Did not do

Strategy - Q3 Plans

Responsibilities

Strategy

Product

Business Intelligence

Objective

Align marketing and business development

Build the strategy function

Improve management decision-making

Improve internal + external communication

Understand the users

Improve customer journey

Build the product management function

Define product strategy after first release

Build the Business Intelligence function

Target

Build campaigns against target markets

Create strategic planning process with CFO

Drill-down exercise + V2 mgmt mtg change

V2 reporting format + tied to quarterly plans

Complete Evo MVP personas + customer journeys

Update content for new website design

Define product management processes

Design the team

Extend roadmap




Create data science strategy + plan

Build internal tools + reports

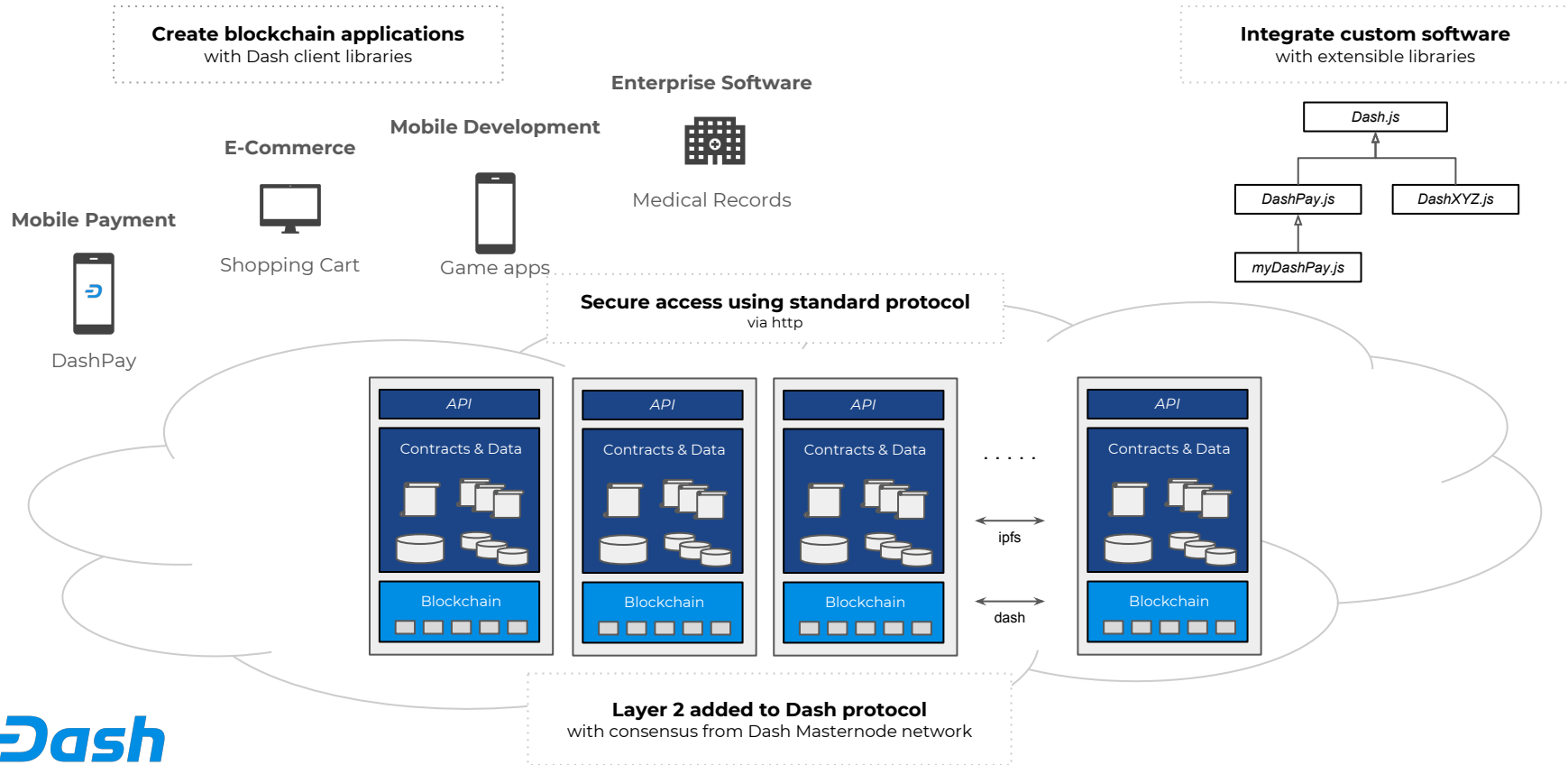
Reframe next quarterly metrics

Software Development: CTO 90 Day Plan





Highlights of strengths and challenges observed during first 2 months

 <p>People</p> <ul style="list-style-type: none">Strong technical talentGood teamworkAmbiguous role definitionsGlobal remote workforce	 <p>Process</p> <ul style="list-style-type: none">Emerging process maturityNeed to rightsize processesSolid principles existFocus on software development & product release	 <p>Technology</p> <ul style="list-style-type: none">Solid Evolution architectureVarying levels of Evolution knowledgeCommunication challengesLack of product roadmap
<p>Guiding Principles</p> <ul style="list-style-type: none">SecurityEconomicsCollaboration		
<p>Technology Strategy</p> <ul style="list-style-type: none">AccessibilityExtensibilityScalability		

Evolution Architecture and Use Cases








Evolution Roadmap

	Pre-Evolution <i>Late Q3 / Early Q4</i>	Evolution 1.0 <i>Late Q4</i>	Evolution 1.1 <i>First Half 2019</i>	
Network	Core Release 12.4 Deterministic Masternode List Long Living Quorum	Core Release 13.0 Blockchain users DAP architecture Decentralized API	Core Release 13.1 Contract versioning Contract data triggers	Software Development Agile methodology Scrum development framework Kanban service framework 2-week sprints Devnet and VMN Product Release Beta - Testnet Beta - Limited Mainnet Production - Full Mainnet
Client		DashPay Wallet   Simple onboarding Contact management / payment Consumer features	Dash Wallet   Blockchain users / 2FA DAPI connectivity Contact Lists DashPay Wallet Merchant features	
Integration		Client Libraries Connect to Dash API Create Dash contracts		

DRAFT

Software Development - Q2 Update

Responsibilities	Objective	Target	Actual	Status
People	Build the engineering organization	Hire 2 POs, 2+ developers	1 PO hired, 1 Designer hired	
Engineering	DashCore stability and performance optimizations	Release DashCore v12.3	Build finalized in Q2, GA release just days after Q3 start.	
	Evolution pre-requisite protocol upgrades	Release DIPs for deterministic MN list, SPV verification	DIPs 2 + 3 + 4 released	
	DashPay Wallet client strategy	Define a reference client for DashPay DAP	Formation of DashPay Wallet team for React-Native mobile client	
Research	Graphene Research	Port Graphene to Dash for Proof-of-Concept	Published paper on Block Propagation in conjunction with ASU	



Complete



In progress



Did not do

Software Development - Q3 Plans

Responsibilities

People

Engineering

Management

Objective

Build the engineering organization

Add Pre-Evolution required features to DashCore

CoPay mainnet release

Perform integration testing for Evolution

Perform organizational review

Provide greater visibility to product releases

Target

Hire 1 React Native developer

Release DashCore v12.4 with Deterministic MN list and long-living MN quorums





Release of CoPay wallet on mainnet

Deliver end-to-end Evolution integration on devnet

Complete CTO 90-day plan with findings and recommendations

Deliver Evolution product roadmap to Dash community

Business Development - Q2 Update

Responsibilities	Objective	Target	Actual	Status
People	Build the Business Development function	<ul style="list-style-type: none"> Hire CRM Manager Begin hiring process for Asia Pacific Exploring country manager strategy 	<ul style="list-style-type: none"> Reprioritised CRM Mgr due to budget pressures - role filled by intern Reprioritised AP Mgr due to budget pressure Finalised country mgr - VZN role offered but currently on hold pending budget relief Current Biz Dev team consists of 1 head, 1 integration mgr, 2 regional mgrs 	
Integrations	Expand partnerships	<ul style="list-style-type: none"> Onboard additional partners 	<ul style="list-style-type: none"> Integrated with 7 new partners Key wins: InstantSend integration with GeneralBytes - first step in signing Coinflip (Q3) Rewards.com is first time users can earn Dash without risk and mainstream crossover with a phase 2 (proposal) implements ability to spend Dash at 7,000 mainstream merchants Paycent provides an additional fiat on/off ramp and a crypto credit card for POS transactions Bitgo provides a critical custodial solution that is a pre-requisite for major exchange partners globally. Alogateway (w/BlockCypher) is a global payment processor offering full-service merchant solutions. 	
	Improve ease of integration	<ul style="list-style-type: none"> Build integration documentation 	<ul style="list-style-type: none"> Standard set of 4 PDF reference documents: InstantSend, PrivateSend, API, SDK Improved communication on making a good proposal Improved communication on integrating Dash via Wordpress plugins. 	
Account Management	Expand creative partnership options	<ul style="list-style-type: none"> Build multi-partner solutions 	<ul style="list-style-type: none"> Redesigned DCG escrow process. Required almost 1 FTE to support and increasing costs due to non-posting of proposals. First multipartner solution coming end of Aug. Acquire, store, spend Dash within a complete ecosystem combined with an online and physical marketing campaign with direct community involvement. 	

 Complete
  In progress
  Did not do

Business Development - Q3 Plans

Responsibilities

People

Integrations

Account Management

Stakeholder Engagement

Objective

On board VZN Country Manager

Focus on the hunt for key partners

Partner segmentation and engagement

Leverage the expertise of the network

Target

- Only possible if budget allows
- 2 partners launched: Tradecore + Coinflip.
- 5 partners in pipeline close to launching: Major launch plans for Tri-partner solution. In addition to fiat on/off ramps and hard wallet campaign.
- Continue the shift from reactionary business development to proactive hunting for opportunities that support our strategy
- Management of existing integration campaigns: Coinflip, Rewards, Paycent
- Improve efficiencies through Partner segmentation within CRM
- Regular partner meetings - continue existing and ensure coverage
- Execute promotional and marketing campaigns
- By end Aug: Hold next level strategy: Regional plans for LATAM and US/Can. Details to be announced on Dash Forum.
- 4-6 weeks post consolidated YTD Biz Dev integrations to Dash Forum. Commit to updating on quarterly basis (30 Sep and 31 Dec 2018).
- 4 - 6 weeks:: Proactively reach out to MNOs where opportunities exist to collaborate. Create channel on Dash Forum to regularly discuss.



Complete



In progress



Did not do

Marketing Strategy

What Make Dash a leading brand in the cryptocurrency space while becoming a credible one in the wider payments industry

DCG role Execute some marketing activities directly, especially in support of DCG strategy, and support the community in other instances

Execute DCG strategy

Support community activity

Partner joint marketing

www.dash.org

PR support

Case studies

docs.dash.org

Media tracking

Conferences and events

Translations

Website and downloads analytics for project owners

Social media

PR, with regional partners when feasible

External messaging framework



Marketing - Q2 Update

Responsibilities	Objective	Target	Actual	Status
People	Continue building out team	Hire 2 Marketing Managers	1 Marketing Manager hired and the other position cancelled	●
Conferences	Improve planning	Publish updated event calendar	Confirmed events calendar will be available at Dash Watch	●
	Maintain presence at conferences	Attend key conferences	Conference plan executed: Bitcoin and Blockchain Conference Moscow, Global Blockchain Summit Denver, Consensus NY, Money 2020 Europe, MoneyConf Dublin	●
Brand	Refresh the brand	Implement style guide	In progress	●
Website	Improve web presence	Redesign website	New website in progress New wiki live and being translated	●
Advertising	Optimize channel strategy	Run tests and develop channels	Frozen plans due to tight budget. Reassignment of unused funds	●
PR	Improve media placements	Improve metrics	Increased UVPM +167% , Number of Posts +54% , and Interviews +92% Q2 vs Q1	●
Marketing Plan	Create marketing plan	Draft marketing plan	In progress	●

● Complete
 ● In progress
 ● Did not do

Marketing - Q3 Plans

Responsibilities

Conferences

Brand

Web

PR

Marketing Plan

Objective

Maintain top of mind in cryptocurrency/payments sector and engage key players in the space

Create branded communications to support DCG and Dash Community with aligned messaging.

Improve user experience

Align presence with strategic priorities

Increase presence in desired verticals

Align with DCG overall strategy and organize activities

Target

Participate in conferences without sponsoring them

Publish materials

Publish new website





Maintain localization efforts

Publish PR plan

Engage Latin American PR firm

Publish marketing plan

Human Resources - Q2 Update

Responsibilities	Objective	Target	Actual	Status
Talent Acquisition	Increase Effectiveness of resources	Continue training and implementation of ATS system	GoogleHire ATS system was implemented and successfully rolled out to all open positions.	
People Objectives	Increase Retention and Role Satisfaction	PEO Rollout, Phase 2 and 3 Salary Alignment strategy Retention Bonus rollout	Projects are ON HOLD pending funding and price considerations.	
People Management	Improve processes and systems	Continue implementation of HRIS system	Working with Glenn to identify software which will align with accounting system, pending hire of Accountant.	
Legal/Compliance	Ensure controls	Implement GDPR	Slow phase rollout based on individual functions is ongoing	







 Complete
  In progress
  Did not do

Human Resources - Q3 Plans

Responsibilities	Objective	Target
Talent Acquisition	Increase Effectiveness of resources	Decrease the number of resumes/CVs each manager is reviewing. Leverage slow period in hiring by conducting thorough data analysis on a location strategy.
Performance Management	Increase the effectiveness of each team	Create a manageable performance review process.
Succession Planning	Identify areas of missing or lacking skills and remedy	Address skill gap with management including management and leadership.
Culture Mapping	Identify areas of weakness in Dash Culture	Increase understanding through deployment of team surveys to identify current culture issues and areas of concern and/or need for change.
People Objectives	Increase Retention and Role Satisfaction	Continue implementation of PEO, Retention Bonus plan, and Salary structures based on funding availability
Policy Management	Increase Communication of Core Standards and Policies	Continue to identify, document, and rollout policies and practices which address operational best practices within Dash Core Group Inc.
People Management	Improve processes and systems	Work with Sr. Accountant Hire to identify HRIS solution best suited for Accounting and HR needs and roll out ASAP.

Finance - Q2 Update

Responsibilities	Objective
Budget	Improve budget planning
Financial Relationships	Diversify banking relationships
Invoices	Improve efficiency
	Develop plan for escrow service
Reports/Taxes	Maintain reporting standards

Target	Actual	Status
Improve transparency in budget planning	Published quarterly proposal schedule	
Consider increasing buffer reserves	Challenging to build buffers	
Evaluate need for additional bank account	Applied for bank accounts	
Establish incentives for suppliers accepting Dash	Premiums in the range of 1% - 5% did not sway suppliers	
Determine short and long term solutions	Policy developed and published	
Prepare taxes for filing	First payment due September 15, 2018	

 Complete  In progress  Did not do

Finance - Q3 Plans

Responsibilities

Objective

Target

Budget

Fund DCG without major disruptions to operations (while leaving sufficient funds to the community).

Contingency plan in place

Communication and transparency

DCG target for total proposals <60% of total Dash network funds
DCG compensation run-rate proposal at <40% of total monthly funds

Tiered contingency plan based on declining price

Continue to post budget updates on Dash forum

People

Run a lean and efficient finance function

Create budget and forecast for balance of 2018 and beyond

Ensure funds are only spent on non-discretionary expenses

On-board senior accountant

Financial Relationships

Improve diversity in financial and banking relationships

Open 1 bank account

Consider establishing relationship with OTC firm

Reports/Taxes

Pay tax due to IRS and AZ state

Make payment on taxes due for fiscal 2018.
Delay Q1 2019 payment, if possible

Income Statement

Highlights

- Conduct all of our accounting in USD to provide a stable picture of our financials
- Received a total of \$2.4 million dollars in payments from Dash's proposal system in Q2 2018 (including escrow for third-party projects)
- DCG expenses exceeded funds received from the network in Q2 2018 and net income was negative due to the effect of a large currency loss recognized in Q2 2018
- The four largest expense items (all exceeding \$100k) were compensation, promotional, advertising and legal. Advertising primarily consisted of a loss associated with the Feedbands fiat guarantee

(in thousands US)	At June 30 2018	At March 31 2018	Percent Increase / Decrease Vs. Prior Quarter
Income			
Dash Budget System	2,410	2,690	-10%
Uncategorized Income	0	0	NM
Total Income	2,410	2,690	-10%
Expenses			
Compensation			
Subcontractors	1,368	968	41%
Subtotal	1,368	968	41%
Professional Fees			
Advertising	335	335	NM
Legal & Professional Fees	233	542	-57%
Promotional	1,052	1,304	-19%
Travel	81	247	-67%
Subtotal	1,702	2,429	-30%
Other			
Bank Charges	12	13	NM
Commissions & Fee	22	26	-17%
Dues & Subscriptions	27	11	154%
Rent or Lease	7	13	-50%
Uncategorized Expense	0	0	NM
Subtotal	68	63	8%
Total Expenses	3,137	3,460	-9%
Net Operating Income	-728	-772	NM
Other Expenses			
Exchange Gain or Loss	665	6,493	NM
Miscellaneous	61	350	-82%
Total Other Expenses	726	6,843	NM
Net Income	-1,454	-7,615	NM

Balance Sheet

Highlights

- Cash assets at the end of Q2 2018 totaled ~\$1.2M, down from \$2.7M at the end of Q1 2018
- Only eight Dash Core Group proposals to the network (totaling 4,425 Dash) were funded in Q1 2018. This represented 24% of total Dash distributed in Q2.
- Dash Core Group is committed to not exceed 80% of the Dash Network treasury in any given budget cycle. Target is not to exceed 60% but this may happen in rare circumstances

(In thousands US)	At June 30 2018	At March 31 2018	Percent Increase/Decrease Vs. Prior Quarter
Assets			
Compensation			
Core Team Salaries	5	298	-98%
Evo - External Contractors	120	224	-46%
Subtotal	125	522	-76%
Infrastructure			
Infra - Applications	42	64	-34%
Infra - Datacenter	28	43	-34%
Subtotal	70	106	
Professional Services			
Legal	5	194	-97%
HR Outsourcing	9	42	NM
Subtotal	15	237	-94%
Promotional			
Bus Dev - General	499	755	-34%
Conferences and Travel	7	77	-90%
Public Relations - General	8	34	-76%
Subtotal	515	866	-41%
Marketing and PR			
Marketing & Communication	277	530	-48%
Marketing - Branding	86	114	-25%
Subtotal	362	644	-44%
Other			
Other (bank accounts)	3	28	NM
Binfinex - BTC	18	18	0%
Checking Account	14	49	-70%
Property Lease	8	16	-51%
Research	45	137	-67%
Escrow	34	41	NM
Subtotal	123	289	-57%
Fixed Assets	4	4	0%
Total Assets	1,214	2,668	-54%

(In thousands US)	At June 30 2018	At March 31 2018	Percent Increase/Decrease Vs. Prior Quarter
Liabilities & Equity			
Total Liabilities	0	0	
Equity			
Opening Balance	0	4	
Retained Earnings	2,668	10279	-74%
Net Income	-1,454	-7,615	-81%
Total Equity	1,214	2,668	-55%
Total Liabilities & Equity	1,214	2,668	-55%

Operations - Q2 Update

Responsibilities	Objective	Target	Actual	Status
People	Continue building the team	Hire Portfolio Manager	Portfolio Manager hired	●
	Build portfolio management processes	Build reporting for management and community. Build risk management process.	Evaluation of portfolio reporting tools Risk management to be managed using Jira	●
Project Management	Establish agile delivery	Complete training and implement agile workflows	Mobile, DAPI and DashDrive teams completed Scrum trainings. Coaching sessions in progress. Kanban training completed QA, Infra and PM teams. Coaching sessions in progress.	●
	Document processes and policies	Complete and publish process documentation	Hardware and Software Request proposals created Release Process Drafts documented and shared HR processes in progress Strategy processes in progress	●
	Establish QA as a service	Implement Kanban board and service approach	Kanban trainings completed, new service approach implemented	●
Infrastructure	Establish infrastructure monitoring	Implement infrastructure monitoring procedures	Evaluation process completed with selection of Datadog tool. Monitoring up and running on our servers.	●
	Maintain security standards	Complete security review and assessment	Assessment completed, results provided for analysis and further work on risk mitigation.	●
	Set up internal service desk	Create plan and implement SD workflows	Workflows completed. Testing version deployed.	●
Customer Service	Build customer service function	Test run on production environment	Test run phase completed and Service Desk deployed and available on main Dash website.	●

Operations - Q3 Plans

Responsibilities	Objective	Target
People	Optimize Capacity and Utilization	No headcount changes planned. Optimization of existing capacity in majority of Operations teams.
Project Management	Coordinate Agile implementation in Delivery	Ensure implementation of Scrum for development teams and Kanban for service teams Launch reporting solution for Community and company management
	Define Company Policies	Finalize HR Policies Define Infrastructure Policies and Processes
QA	Launch QA as a Service	Complete Kanban training and use it for workload management
	Improve QA Processes in Integrations Projects	Define testing strategy for integrations and manage it through QA Kanban board
Infrastructure	Enhance Infrastructure Monitoring and Security	Evaluate and implement infrastructure monitoring tool and robust IDS/IPS (Intrusion Detection System / Intrusion Prevention System) for DCG-maintained AWS servers
	Team Expansion	Hire one experienced Infrastructure Engineer
Customer Service	Operational improvements	Define and maintain metrics for tickets resolution on our Service Desk. Translate FAQ (Russian, Chinese, Spanish)
	Integrate SD with Development Teams	Define SOP (Standard Operating Procedures) with all product development teams



Metrics

How The Currency Performed

Dash	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	By Quarter	By Year
Supply (m)	7.39	7.59	7.81	7.98	8.16	+2.3%	+10.4%
Price (\$)	179.53	331.01	999.91	320.07	241.03	-24.7%	+34.3%
Market Cap (\$)	1.32B	2.51B	7.80B	2.55B	1.97B	-23.0%	+48.2%
Daily Price Volatility (σ)	7.2%	7.7%	9.0%	7.2%	5.3%	-27%	-27%
Avg. Daily Trading Volume (\$)	32.6M	51.9M	154.7M	123.3M	101.4M	-18%	+211%

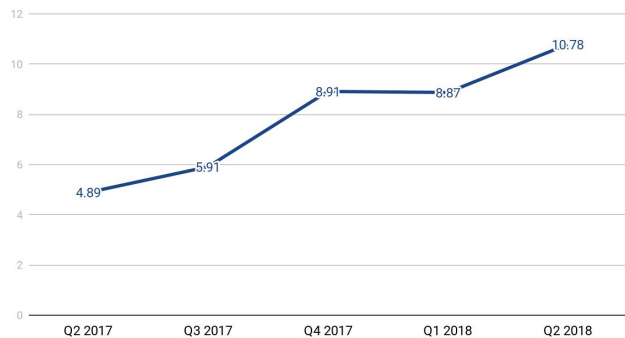
How The Network Performed

Dash Network	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	QoQ Growth	YoY Growth
Usage							
Active addr. / day (th)	24.88	28.89	39.20	42.26	42.45	+0.4%	+70.6%
Trans. / day (th)	4.89	5.91	8.91	8.87	10.78	+22%	+120%
TPV (\$, B)	6.43	14.30	16.29	11.31	6.09	-53.6%	-5.4%
Health							
Network congestion	1.0%	1.1%	0.7%	0.7%	1.2%		
Avg. hashrate (PH/s)	0.004	0.031	1.195	2.126	1.739	-18%	+42,643%

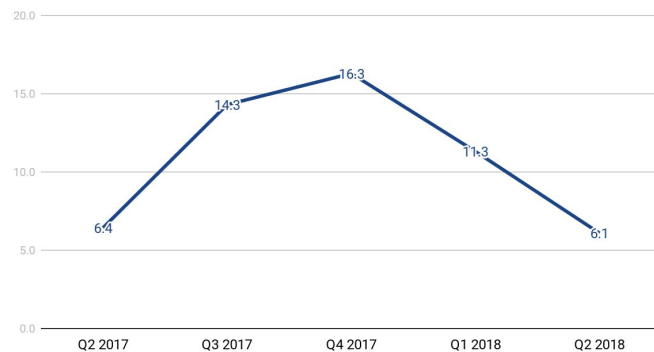


Key Metrics

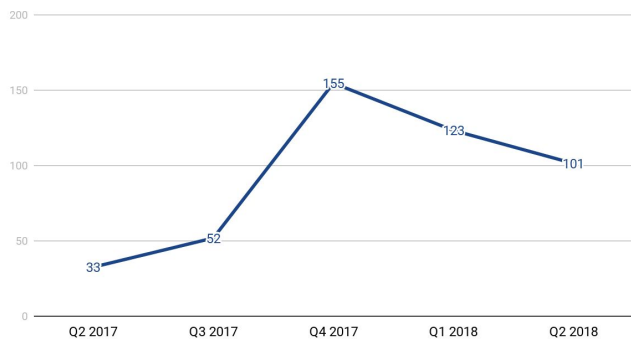
Transaction count (th)



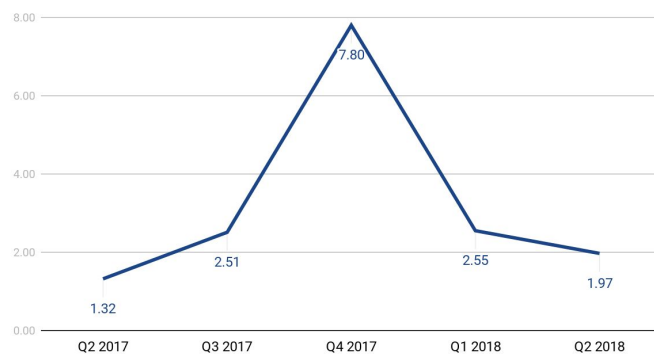
Total Payment Volume (USD, billions)



Daily Trading Volume (USD, m)



Market Capitalization (USD, b)



CEO Conclusions



Research Update

10MB Block: We can support over half of PayPal transactions

We assumed that current hardware was used. With more powerful hardware we would expect **higher performance**.

Our research points out the importance of **efficient software**.

Scaling Simulations

Current VPS quality, 1Gbit port

Propagation Technique	Economic Limit	Network Limit
Full Blocks	900KB	4MB
Compact Blocks	4MB	None found (>10MB)
Xthin	None found (10MB can be supported at half relay fee)	None found

Network topology could raise these limits

- (1) Mining pools directly connect to each other
- (2) Mining pools limit number of connections to masternodes

Current and Future Research

Graphene Propagation

- Currently coded up
- We are testing now
- Addition of George Bissias [role, responsibilities]
- Summer intern Nakul Chawla [role, responsibilities]
- Make a goal: Dash Graphene implementation will be compact block friendly

Future Work

- Collaborate with original graphene team (UMass)
- Explore amalgamated graphene improvements
- We will be pursuing these improvements going forward
- Dash emulation



Q&A

Your Questions (Pulled from Dash Forum)

1. Does Core have any comments on Dash's performance relative to other projects. i.e. moving from 4th place to 15th place in 6 months? What does core attribute to this drop? How can core play a role in increasing investor confidence (not hype).
2. As the Chief Architect, Andy, what is he actually doing, we have someone who is the heart of Evolution and he is a ghost. He has been in this position for years, but nobody has heard him speak, seen an article from him, or knows what he does?
3. Would DashCore benefit from a board of directors like group for primarily oversight and advisory roles?
4. Are there any plans to split Dash Core Group into separate entities by function, with each entity making separate proposals to the treasury? eg. Software Development, Marketing, Business Development.
5. Dash conference 2018 - updates, is it happening?
6. Dash and Wirex announced an integration at last year's Dash conference, but Dash is still not supported in the app, while other cryptocurrencies have been integrated in the meantime. What is the status of this?
7. After the release and open-sourcing of 13.0, is DCG planning to continue development of future versions 13.1, 14.0,...etc in a private repository? Or will the development of new versions move to public repos?
8. Would it be possible to have privatesend include one denomination lower, 0.001 dash, in the 12.4 release?
9. Is privatesend on mobile possible with the dips described for 12.4, or is evolution needed as well
10. Will Dash Core conduct alpha/beta testing with different audiences for the Evolution DashPay wallet?
11. Has the Evolution username system been finalized as of yet. i.e. will it be unique usernames or allow users to change/have same?
12. The Copay beta release was seen as a disaster, additionally, there was no quality assurance or internal testing done for the beta releases which resulted in simple features not working. What is core doing to ensure delivery quality is upheld so that we don't have these issues again?



Thank You