

GS FINANCIAL SERVICES CONFERENCE 2017

DECEMBER 2017

EXECUTIVE SUMMARY

UNIQUE FRANCHISE, SIGNIFICANT OPPORTUNITIES, DEFINED STRATEGY AND GOALS



Mission

We bring together ingenuity, integrity, and insights to deliver markets that accelerate economic progress and empower people to achieve their greatest ambitions.



Strategy

Leverage our market technology and information analytics expertise across our global capital markets customer base.



Results

\$2.4 Billion LTM net revenues¹

75% Recurring/subscription revenues²

50% EBITDA margin in 2016

27% 5-Yr average annual TSR³



Targets

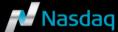
Mid-single digit organic growth

Across non-transactional segments

Over medium term (3-5 years)

- · Market Technology: mid to high single digits
- Information Services: mid single digits
- Corporate Services: low single digits

We target to deliver double digit total shareholder return (TSR)



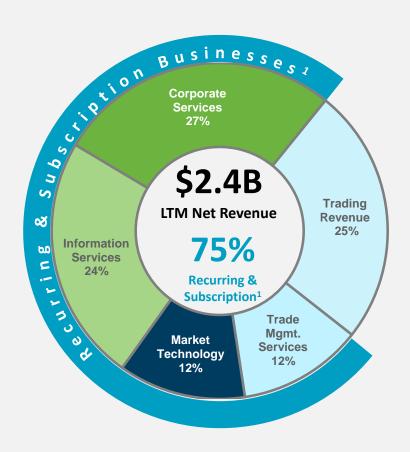
¹Represents revenues less transaction-based expenses.

²Represents LTM revenues from our Corporate Services, Information Services and Market Technology segments, plus our Trade Management Services business.

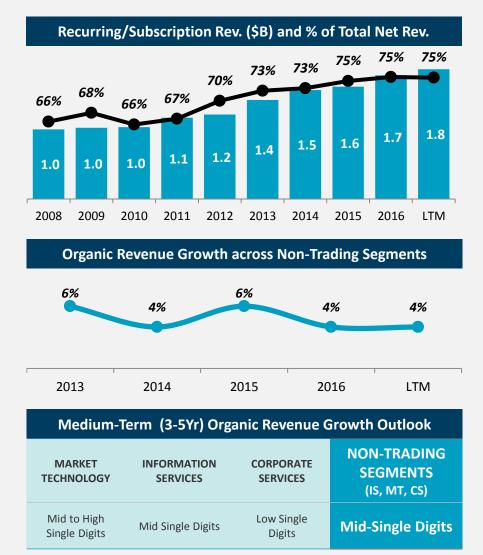
³5-year annual total shareholder return through 10/31/17.

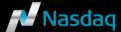
NASDAQ'S RECURRING BUSINESS MIX

FROM LEADING TECHNOLOGY, CONTENT AND CONNECTIVITY









EVOLUTION OF INDUSTRY CREATES OPPORTUNITY

Marketplace Economy

Increasingly commerce is being transacted via electronic marketplaces and financial institutions are seeking to digitize processes to gain efficiencies.



Data Explosion

A "trillion sensor" economy creates new real-time data sources, new investment processes and need for new analytic capabilities.



Evolution of Investment Management

Alternative investment and financing options are becoming more accessible, creating new opportunities and challenges.



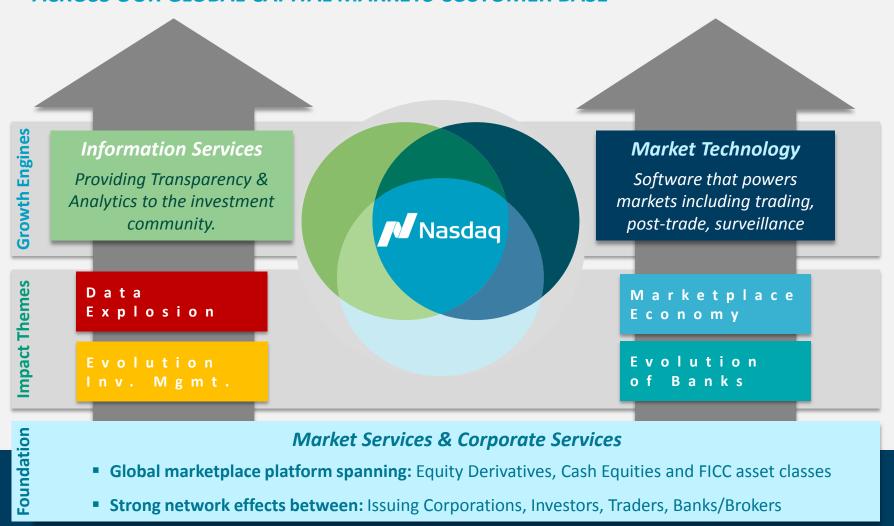
Banks Embrace Change as They Evolve

Banks will succeed by leveraging technology & scaled client network, and will manage costs by outsourcing non-differentiating capabilities and processes.



NASDAQ'S STRATEGY & ORIENTATION

LEVERAGE OUR MARKET TECHNOLOGY AND INFORMATION ANALYTICS EXPERTISE ACROSS OUR GLOBAL CAPITAL MARKETS CUSTOMER BASE



OPTIMIZE INVESTMENT CAPITAL AND RESOURCES

MAINTAINING RESILIENT FOUNDATION WHILE INVESTING IN GREATEST OPPORTUNITIES

Increase Resources For Growth



Increase Investment In Our Strongest Growth Assets

Continue To Invest In New Opportunities
With High Potential

Sizable, defined opportunities that leverage our foundation:

Market Technology Information Services NPM/NFX

Sustain Our Foundation



Sustain Investment in Core Assets

Focus On Operational Excellence Nasdaq's leading marketplaces and listings franchises:

Market Services
Corporate Services

Optimize
Slower
Growth
Businesses

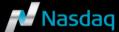


De-emphasize resources and capital allocation

Focus On Efficiency

Capital/resources can be released for reinvestment towards higher returns:

Business unit sub-segments

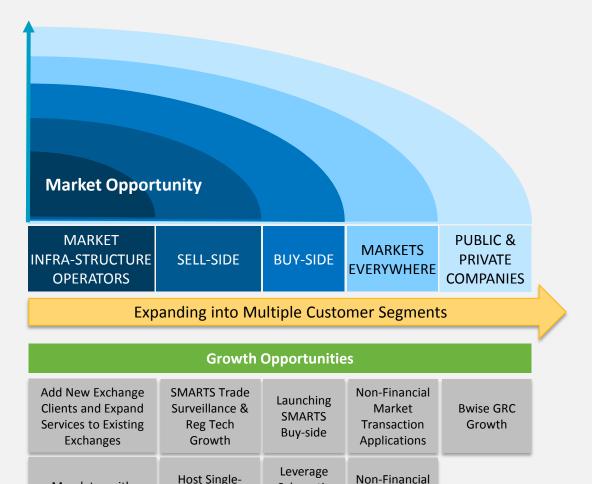


Organic Growth Outlook: Mid-to-High Single Digits

53% OF 7% OF **2016 EBITDA**

MARKET TECHNOLOGY

LEADING TECHNOLOGY PROVIDER LEVERAGING MARKET CORE



Sybenetix

Behavioral

Analytics

Surveillance

Opportunities

Investing In

- Nasdag Financial Framework (NFF)
- **SMARTS** product and customer expansion
- Deeper surveillance and behavioral capabilities through Sybenetix

Service Delivery Model

Moving from deployed software to a Platform-as-a-Service over time as cloud capabilities and market acceptance mature



Mandates with

New Regulators

Dealer Trading

Platforms

Organic Growth Outlook: Mid-Single Digits

INFORMATION SERVICES

EXPANDING OUR VALUE PROPOSITION



GROWTH DRIVERS

Analytics Hub

Proprietary/3rd-party data sets with powerful analytics

- Expect to expand number of products on platform from single digits at launch to dozens by first year, broadening appeal
- Growth driven by addition of customers

Investment Data Products

Information clearinghouse for the institutional buy-side

- Investment Managers need better measurement and transparency to win mandates from asset owners
- Geographic and private-asset expansion opportunities

Index Licensing

Licensing proprietary benchmark and smart-beta indices

- Benefits from passive and smart-beta secular flows
- Opportunity to increase share from higher contribution of smart-beta segment, robust product creation pipeline

Core Market Data

Information used to navigate our leading marketplaces

- Continue line extension
- Geographic expansion of core trading data distribution
- Periodic pricing adjustments



MARKET SERVICES

A RESILIENT BUSINESS WITH STRATEGIC ASSET CLASSES AND GEOGRAPHIC EXPANSION OPPORTUNITIES

Equity Derivatives

Leader in U.S.
equity options
and Nordic
equity-linked
derivatives

Cash Equities

U.S. and Nordic markets with leading share in Nasdaq-listed securities

Market Services

Nasdaq's leading marketplaces & associated connectivity

Trade Management Services

Connectivity and other valueadded services

RELENTLESS COMMITMENT TO **TECHNOLOGY**, **MARKET QUALITY** AND **SERVICE**

U.S. treasury trading, plus trading/clearing in Nordic FI/Commodities

FICC

TACTICAL OPPORTUNITIES TO BUILD ON STRATEGIC ASSETS

Equity Derivatives

- Capitalize on multiple options exchange medallions
- Emphasis on the positioning of our exchanges across the various client segments

Cash Equities

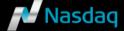
- Expand Auction-on-Demand service from Nordic centric to a Pan-European solution
- Leverage Nasdaq Financial Framework to strengthen our platforms

FICC

- Expand energy/commodity product suite
- · Auctions and midpoint matching for liquidity events
- Increase geographical coverage for bond listings

Trade Management Services

- · Expand point-of-presence locations globally
- On premise cloud-based solutions



Organic Growth Outlook: Low-Single Digits

CORPORATE SERVICES

A LEADING PROVIDER TO CORPORATES: CORE MARKET ECOSYSTEM CONSTITUENT

Unique full-life-cycle value proposition Senior **Emerging** Listings Listings **NPM** Nasdag Nasdaq U.S. Alternatives¹ **Private** Nasdaq U.S. Global Select Market Initiative to Capital Market Market address the Global Market Provides challenge of Nasdag liquidity for iquidity and access Nordic **Nasdag Nordic** privately in alternative held First North Main Market investment funds. Nasdaq Baltic and their **ETP Corporate Solutions** Delivered to both Public/Private Companies IR Intelligence **Press Release Distribution** Board & Leadership & Solutions Webhosting/Webcasting Communications/Portals

Growth Opportunities

Continuing to improve the competitive positioning of our U.S./Nordic listing franchises to enable continued share gains

Bringing unique cross-product functionality to Corporate Solutions offerings to facilitate deeper and broader relationships

Leverage NPM and our regulatory/technology expertise to solve liquidity/distribution challenges in private space

¹NPM Alternatives is a new initiative announced in 2017



NASDAQ 2017 EXECUTION PRIORITIES

1 Enhance Competitive Positioning

2 Complete Integration of Acquisitions

3 Commercialize Disruptive Technologies

Market Services:

- · Increased share in US Options, Equities
- NFX: 3Q17 ADV 192k, +33% YoY, OI 3.3M

Information Services:

- · Launched Analytics Hub
- \$154B Index AUM at 9/30/17, +31% YoY

Corporate Services:

· Nordic IPOs on record pace

Market Technology:

· Strong sales of NFF

Market Services

- Completed CX Canada and ISE migrations successfully
- Delivering efficiencies to customers

Corporate Services

 Integrated Marketwired/ GlobeNewswire

Financial Targets:

Achieved \$60m YE2017 target ahead of schedule

Blockchain:

- Capabilities imbedded in Nasdaq
 Financial Framework
- Announced providing DLT MVP for SIX Swiss Exchange's OTC structured products business
- Nasdaq Linq integrated payment solution with Citi

Cloud:

- Utilize across Corporate Solutions
- Utilize in Nasdaq Private Market

Machine Intelligence:

- Analytics Hub
- Corporate Solutions

Market Services:

• Nordic Equities Auction On Demand

Information Services:

• Expanding Analytics Hub offering

Market Technology:

· Buy-side Smarts offering

Corporate Services:

NPM Alternatives

Market Services:

Nasdaq CXC exchange license

Corporate Services:

Integrate board portal platforms

Financial Targets:

 \$10-\$20m in additional synergies identified for 2016 acquisitions

Cloud:

NFF as a cloud solution

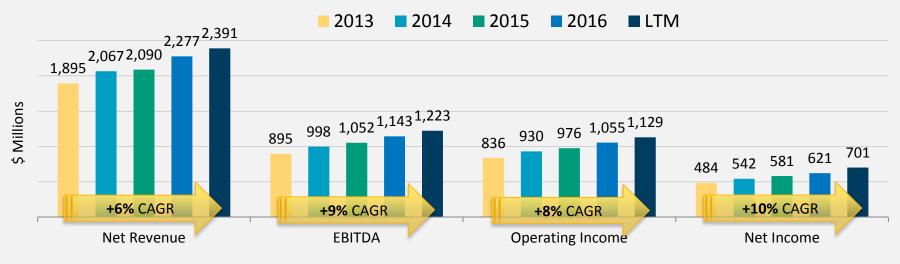
Machine Intelligence:

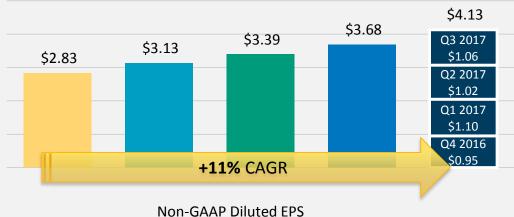
- eComms buyside compliance and holistic surveillance
- Voice command in Corporate Solutions



Progress

REVENUE, EBITDA, OPERATING AND NET INCOME¹





Operating Income Margin Trends

	•					
Segment	2013	2014	2015	2016	LTM	
Information Services ²	75%	74%	71%	71%	72%	
Corporate Services	23%	22%	25%	25%	27%	
Market Technology	19%	20%	24%	25%	23%	
Market Services	48%	52%	54%	54%	54%	
Total Nasdaq ³	44%	45%	47%	46%	47%	

- 1. EBITDA, operating income and net income reflect non-GAAP results. Please refer to the Appendix for a complete reconciliation of U.S. GAAP to non-GAAP numbers.
- 2. Information Services' margins reflect allocation of costs that support the operation of various aspects of Nasdaq's business, including Market Services, to units other than Information Services.
- See our non-GAAP schedule on slide 29.

OUR CAPITAL ALLOCATION APPROACH

A Proactive Methodology For Success

Capital Invested To Foster Growth

Capital Returned to Shareholders

Organic Growth Capital

Consistent allocation to R&D initiatives (\$40-\$50M)

Funding dependent on achieving operating and financial milestones

Strategic & Tactical Acquisitions

Strategic acquisitions

High financial return potential over medium-longer term

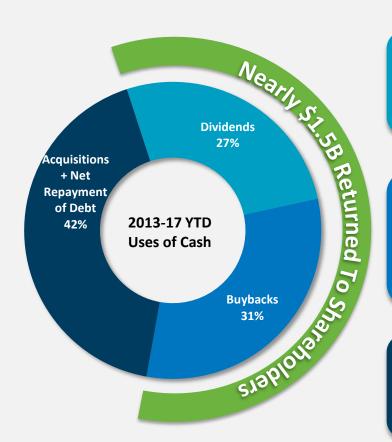
Tactical acquisitions

Financial return focus over shortmedium term

Venture Capital

Small, but strategic investments

Emerging technology aligned to strategy & operations



Grow dividend as income and cash flows increase

Buybacks focused primarily on offsetting equity issuance

Deleveraging from >3x to "mid-2"x Debt/EBITDA by 1H 2019



PROFITABLE GROWTH DRIVES VALUE CREATION

Consistent Double-Digit Value Creation Ambition

Focus on Improving Valuation-Sensitive Fundamentals

HIGH RECURRING REVENUE

75% subscription and recurring revenue in 2016

RESILIENT BUSINESS MODEL THROUGH CYCLES

Consistent organic growth in recurring revenue businesses

CONSISTENT OPERATING LEVERAGE

50% EBITDA margin in 2016¹

~Averaged 75 bps annual operating income margin expansion last 3 years²

EFFECTIVE CAPITAL DEPLOYMENT

Disciplined Return-focus Organic initiatives

Growth in dividend

Opportunistic share buybacks

Selective M&A

OBJECTIVE: DOUBLE-DIGIT VALUE CREATION (TSR)

²Non-GAAP operating margin increased from 44% in 2013 to 46% in 2016. Please see page 29 for reconciliation of U.S. GAAP operating income to non-GAAP operating income.





¹Please see page 26 for EBITDA reconciliation.