# VorganStanley

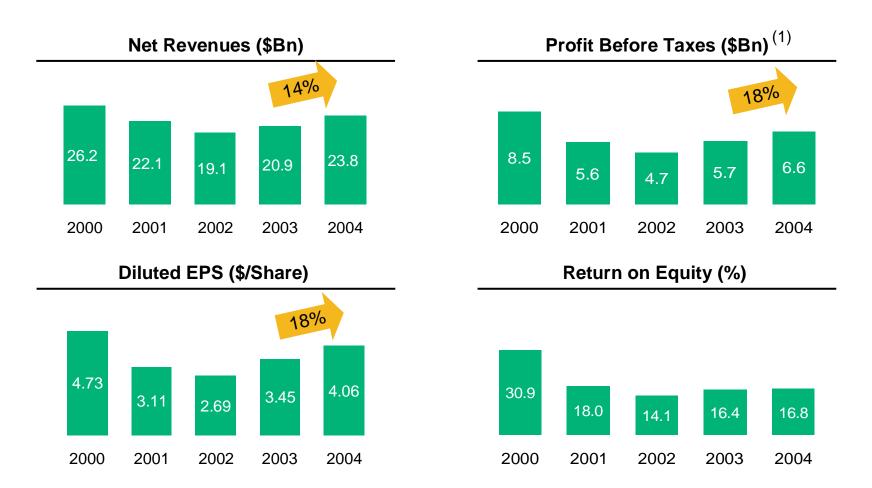
Stephen S. Crawford, Chief Administrative and Risk Officer David W. Nelms, Chairman & CEO, Discover Financial Services February 9, 2005

# VorganStanley

Stephen S. Crawford, Chief Administrative and Risk Officer

February 9, 2005

# Consolidated Financial Highlights

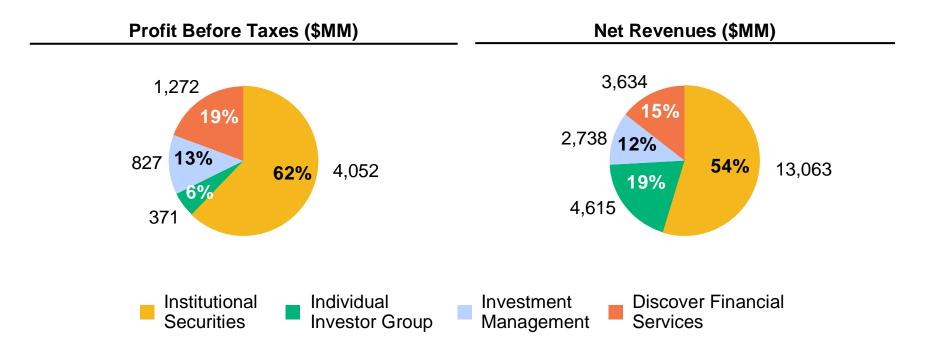


Source: Morgan Stanley SEC filings and 4Q 2004 Financial Supplement.

Note: (1) PBT for 2003 and 2004 includes dividends on preferred securities subject to mandatory redemption, to conform with earlier periods.



# Morgan Stanley – 2004 Segment Mix



Source: Morgan Stanley 4Q 2004 Financial Supplement.



# Strategy

Financial Services Firm Focused on Growth

• Strategic and Financial Benefits of *Diversification* 

• Skills Over Capital



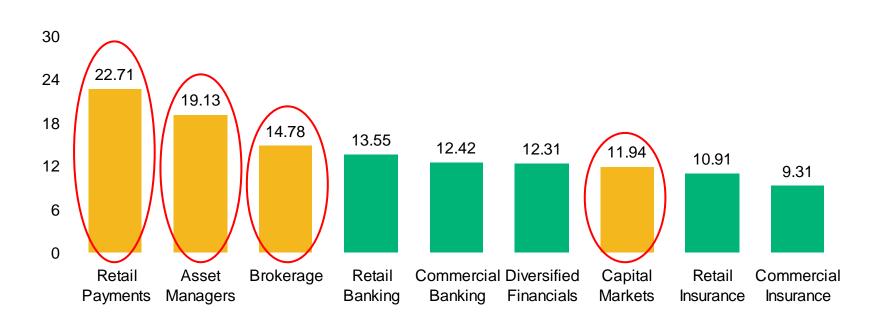
## Growth

Retail Payments Secular Asset Management / Brokerage **Capital Markets** Middle Markets Core Deposits Market Share Mortgages **Equity Orientation** Commodities Cyclical Retail



# Perspective on Growth

#### P/E Multiples

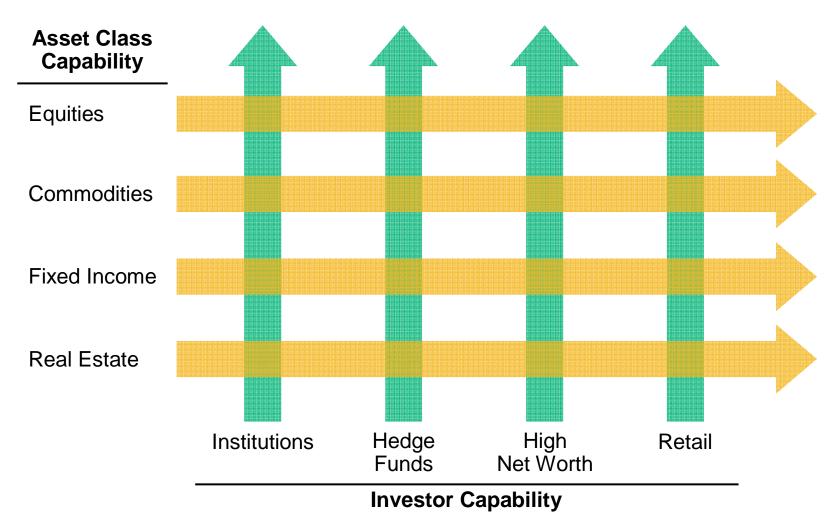


Source: FactSet data as of 7 February 2005.

Note: (1) Current P/E is current price divided by calendar 2005 earnings estimates. Category constituents can be found in the Appendix at the end of this presentation.



# A Position of Strength and Depth





# Priorities: Institutional Securities Group

#### **External**

#### Internal

- Credit Products
- Commodities
- Real Estate
- Prime Brokerage
- Corporates
- Asia

- Pricing
- Capital Efficiency
- Cost Management
- Integration



# Priorities: Individual Investor Group

#### **External**

- Managed Account Assets
- Alternative Assets
- Deposits / Mortgages

#### Internal

- Scaling the Business
- Client and Advisor Segmentation
- Cost Management
- Asset / Liability Management

# Priorities: Investment Management

#### **External**

- Investment performance
- Alternative Investment Products
- Separately Managed Accounts
- Institutional Liquidity
- Europe

#### Internal

- Investment process / resources
- Increase net flows
- Margin enhancements

Asia



# VorganStanley

David W. Nelms, Chairman & CEO, Discover Financial Services

February 9, 2005

# Discover® Profile

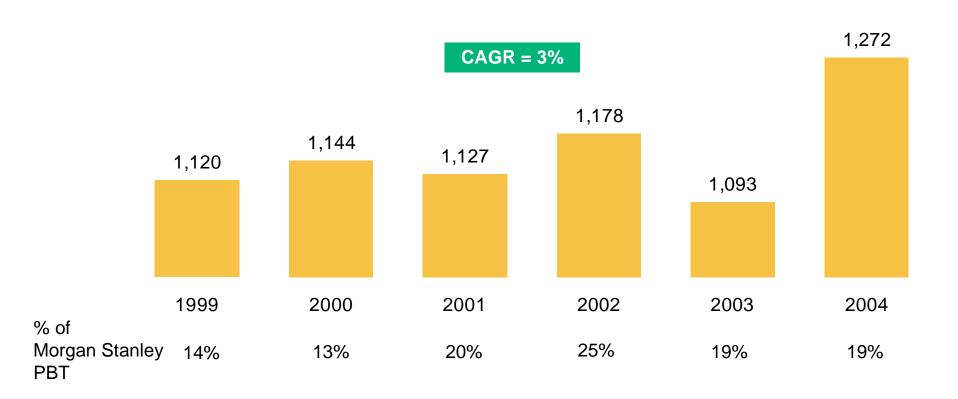
- 50 million+ cardmembers
- \$48 billion managed loans
- 4 million+ merchants and cash access locations
- Record \$1.27 billion pretax income in 2004
- Largest, most successful reward program Cashback Bonus<sup>®</sup>
- One of the strongest brands in financial services
- Recent court ruling allows Discover to enter into partnerships with financial institutions
  - Acquisition of PULSE: entry into rapidly growing debit market
  - GE/Wal-Mart contract: first third-party issuer on Discover® Network

Source: Morgan Stanley



## Consistent Profit Contributor

#### **Discover Profit Before Tax (\$MM)**



Source: Morgan Stanley SEC filings and 4Q 2004 Financial Supplement.



### Discover Is Positioned for Growth

# Credit Card Industry Challenges

- Rising cost of funds
- Slowing growth
- Regulatory changes

#### **Discover Strengths**

- One of the strongest credit card brands
- Industry's #1 rewards program
- Rapid loan loss improvement
- Well positioned in fast growing electronic payments businesses, including debit
- Additional opportunities in mortgages and international
- Discover Card and Discover Network strategies self-reinforcing





### Discover Financial Services Business Mix

U.S. Card Issuing

Network/ Payments

Mortgage / Banking

International Cards (U.K.)







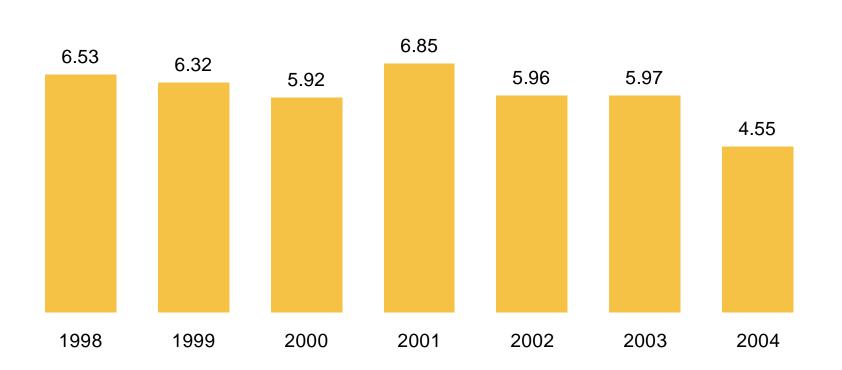




- Morgan Stanley Mortgages
- Discover Home Loans

# Credit Quality Much Improved

#### Over 30-Day Delinquency Rate (%)

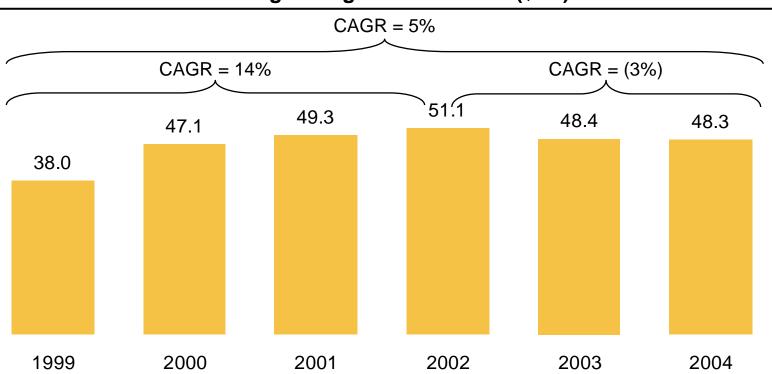


Source: Morgan Stanley SEC filings and 4Q 2004 Financial Supplement.



# Objective: More Consistent Loan Growth

#### **Ending Managed Receivables (\$Bn)**

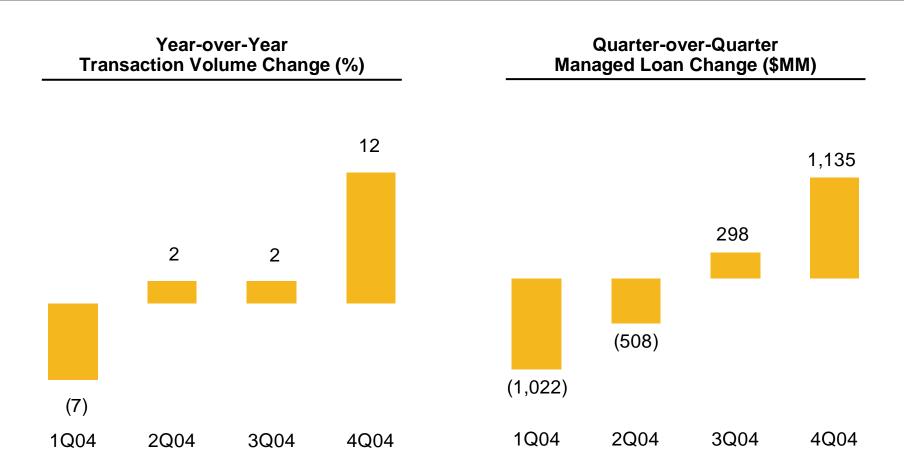


Source: Morgan Stanley SEC filings and 4Q 2004 Financial Supplement.

GAAP reconciliation to owned basis loan data is available in the Morgan Stanley SEC filings, and, for 2003 and 2004, on page 19 of the 4Q 2004 Financial Supplement.



# Discover Volume Accelerated During 2004



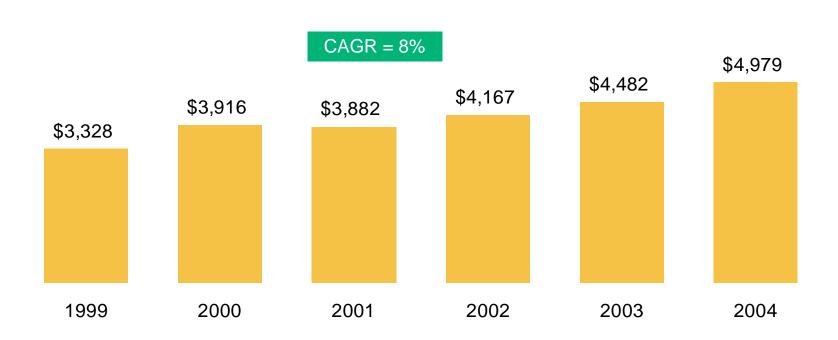
Source: Morgan Stanley 4Q 2004 Financial Supplement.

GAAP reconciliation to owned basis loan data is available on pages 17 and 18 of the 4Q 2004 Financial Supplement.



# Account Usage Is Growing Rapidly

#### **Transaction Volume per Average Active Account**

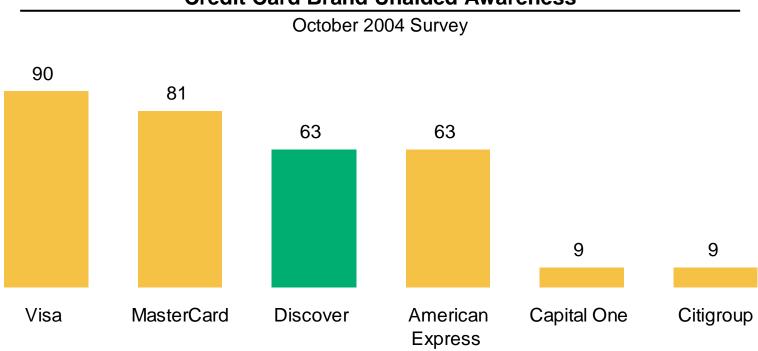


Source: Morgan Stanley SEC filings and 4Q 2004 Financial Supplement.



# Discover Is a Leading Consumer Brand





Source: C&R Research, October 2004 (Discover Proprietary Research).



# Cashback Bonus Award Industry's #1 Reward Program

#### **Cashback Bonus Advantages**

- No Fee
- Automatically earned on every purchase
- Unlimited earnings
- Accumulates and never expires
- Simple, valuable promotions all year to earn rewards even faster
- Easy redemption
- Double rewards with valuable retail partners

#### Valuable Extra Earnings All Year Long





# Over 175 Card Designs and Products





# Record Growth for Discover Network Acceptance in 2004

#### Signed Over 1 Million New Merchants, Including:











**REGIS SALONS** 

























# Recent Supreme Court Decision "Changes the Game"

#### **Impact on Discover**

- Other financial institutions can issue credit cards on Discover® Network
- Discover free to enter the debit network business
- Potential to generate scale, increase acceptance
- New source of fee income
- Potential for treble damages from Visa and MasterCard

#### **Payments Vision**

"Create a payments company offering a full range of electronic payments products and value-added services that appeal to issuers, merchants, processors and consumers"

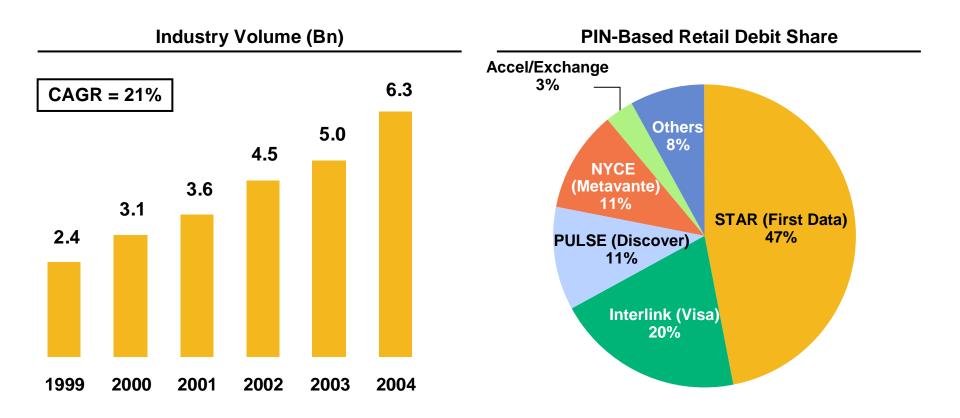


# PULSE Acquisition



- Acquisition closed 1/12/05
- Creates a leading electronic payments company
- Relationships with more than 4,100 bank, credit union and savings institution participants
- Provides financial institutions with an alternative complete product set

# U.S. Pin-Based Debit Transaction Volume



Source: ATM & Debit News, EFT Data Book, 2005 Edition, Dated September 16, 2004

Source: ATM & Debit News - As of March 2004



## GE Consumer Finance Will Issue Wal-mart Discover

# THE WALL STREET JOURNAL.

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Monday, January 24, 2005

Wal-Mart, Discover Offer Card



Monday, January 24, 2005

Discover's First Partner is a Big One

# The New York Times

Saturday, January 22, 2005

Discover Financial and Wal-Mart to Offer Credit Card

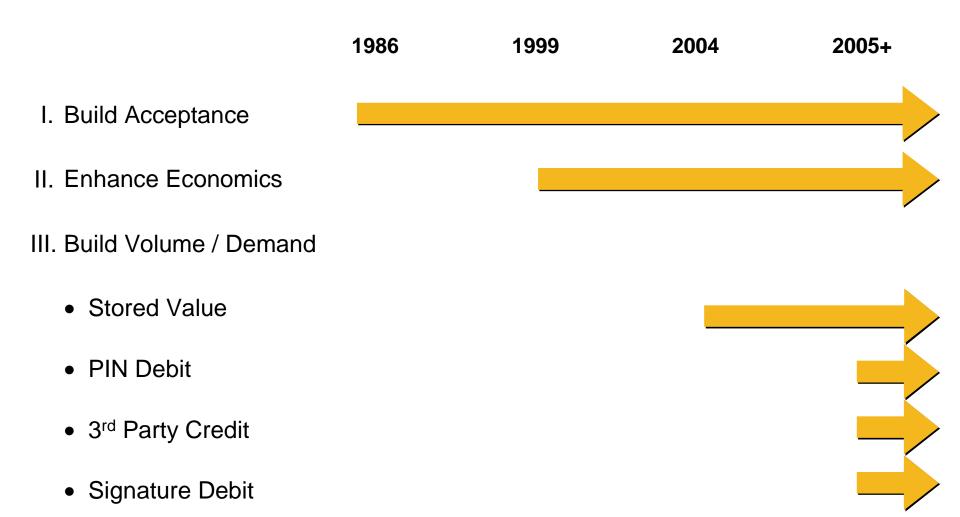
# Chicago Tribune

Saturday, January 22, 2005

Discover Credit Card Aimed at Wal-Mart Patrons

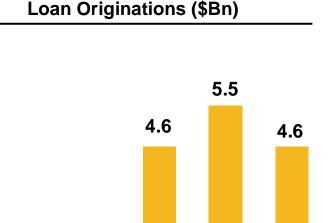


# Evolution of Discover Network / Payments Business





# Mortgage / Banking



2002

2003

2004

2.2

2001

1.8

2000

- Originated and serviced by Discover Financial Services
- Most distribution through Morgan Stanley financial advisors
- Highly differentiated products
- Strong profits

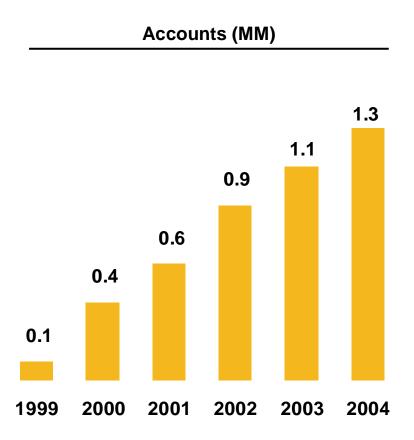
Source: Morgan Stanley

1999

1.2



### **International Cards**



- Morgan Stanley UK card launched in 1999
- Became profitable in 2003
- \$2.6 billion of managed loans
- Grew accounts by 18% in 2004

Source: Morgan Stanley



# Discover Financial Services Summary

- Discover has been a consistent profit contributor and a growing part of Morgan Stanley
- Credit challenges have been addressed
- We believe Discover has multiple growth opportunities
  - U.S. credit card issuing
  - Payments business
  - Mortgages / banking
  - International



# Appendix: P/E Multiple Category Constituents

#### **Retail Payments**

First Data Corporation

**Total System Services** 

Global Payments Inc.

Alliance Data Systems Corporation

Certegy Inc.

I-Payments

**ADP** 

#### **Capital Markets**

Lehman Brothers Holdings Inc.

Goldman Sachs Group, Inc.

Bear Stearns Companies Inc.

#### **Commercial Banking**

Comerica

JPMorgan Chase

Citigroup

#### **Retail Banking**

Wells Fargo & Company

U.S. Bancorp

Fifth Third Bancorp

Wachovia Corporation

#### **Retail Insurance**

Allstate Corporation

**Progressive Corporation** 

Safeco Corporation

Mercury General Corporation

#### **Commercial Insurance**

American International Group, Inc.

ACE Limited

XL Capital Ltd.

St. Paul Travelers Companies, Inc.

#### **Asset Managers**

Alliance Capital Management Holding L.P.

Federated Investors, Inc.

Nuveen Investments, Inc.

Janus Capital Group Inc.

Franklin Resources, Inc.

T. Rowe Price Group, Inc.

#### **Brokerages**

A.G. Edwards, Inc.

Raymond James Financial, Inc.

Piper Jaffray

#### **Diversified Financials**

American Express Company

CIT Group Inc.

Capital One Financial Corporation

MBNA Corporation

Countrywide Financial Corporation



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Stephen S. Crawford, Chief Administrative and Risk Officer David W. Nelms, Chairman & CEO, Discover Financial Services February 9, 2005