



Brooks Automation, Inc. (Nasdaq:BRKS)

**Analyst Day
June 7, 2006**

Creating Manufacturing Efficiency. Accelerating Your Profit.





“Safe Harbor” Statement

“Safe Harbor” Statement under the U.S. Private Securities Litigation Reform Act of 1995; certain matters in this presentation, including forecasts of future demand and future Company performance, are forward-looking statements that are subject to risks and uncertainties that could cause actual results to materially differ, either better or worse, from those projected. Further discussions of risk factors are available in the Company’s most recent SEC filings including form 10-K for the fiscal year ended 9/30/05. The Company assumes no obligation to update the information in this presentation.



Agenda

- Agenda and Logistics – Mark Chung
- Company overview – Ed Grady
- Semiconductor Products Group – Jim Gentilcore
- Global Customer Support – Jeff Plante
- Technology Automation Division – Michael Pippins
- Vacuum Products Division – Steve Michaud
- Brooks Software – Joe Bellini
- Financial overview – Bob Woodbury



Brooks Automation, Inc. (Nasdaq:BRKS)

Edward C. Grady
President & CEO
June 7, 2006

Creating Manufacturing Efficiency. Accelerating Your Profit.





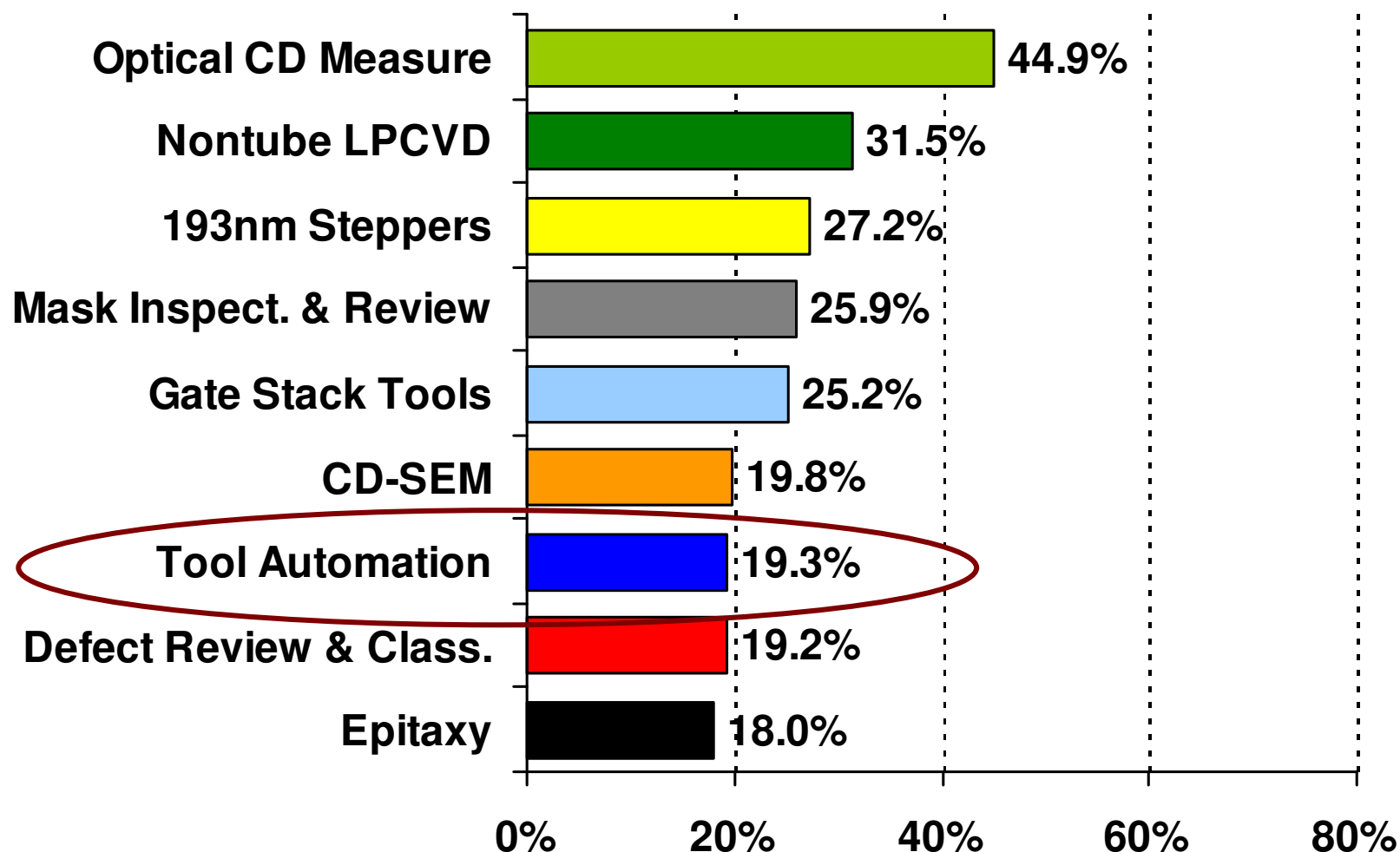
Stock Option Review

- Special committee of the Board is reviewing all stock option issues
- The company and management are fully and openly cooperating with the special committee
- As reported we expect any adjustment will impact 2005 and prior years driven by vesting period
- We expect the special committee will complete its work in the next few weeks
- We are working to get this behind us and move forward with more robust process and procedures

Delivering Stability, Growth and Profit through the Cycles



Leader in One of Highest Secular Growth Segments





Growth, Stability and Profit through the Cycles

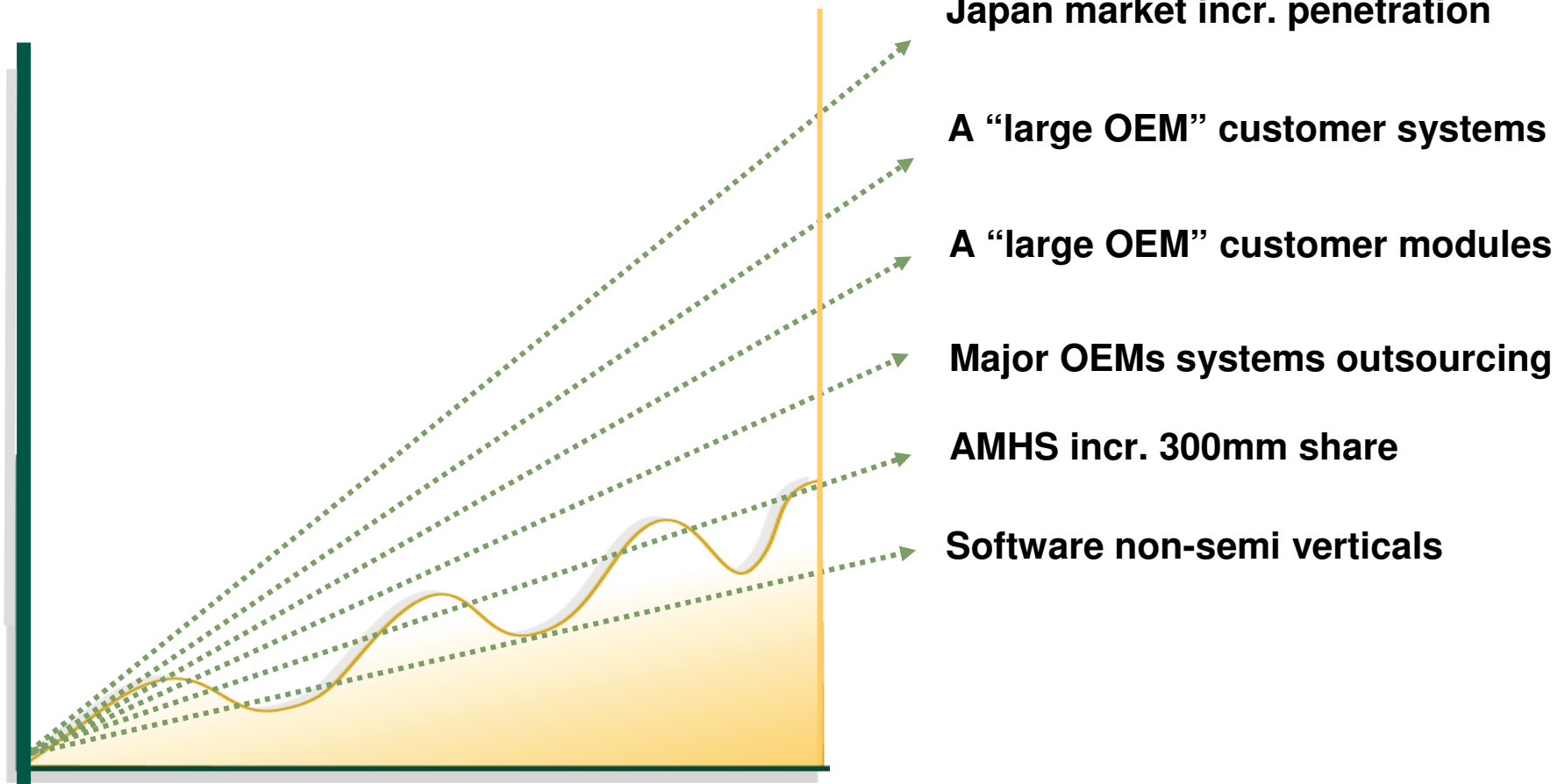
- **Capitalize on existing and increasing installed base**
 - Through robust after sale service and support
 - ➔ Drives growth and stability
- **Increase value and supply chain efficiency**
 - Lower product cost from “DFX” programs and global sourcing
 - Through “integrated engineered content” into critical sub-systems
 - ➔ Increasing SAM
- **Exploit fab design and operating model inefficiencies**
 - Creates opportunity to “change the way semiconductors are made”
 - Innovative new technologies and products
 - ➔ Solving unique customer problems



Potential Growth Drivers for Brooks (SEMICON West 2004)

2005

Strategic Growth Drivers





Potential Growth Drivers for Brooks – Putting Building Blocks in Place

2006

Strategic Growth Drivers

Global support → Helix

Japan → Yaskawa JV

A Large OEM sys. → New Products & Synetics

A Large OEM mod. → BRKS/HELX

Outsourcing → BRKS/Synetics

AMHS → support only

Software → Offshore + Life Sc.



Vision for Brooks Future

- Automation platforms become the core business
- Helix adds integrated engineered content
- Helix wraps the global support for all product lines at OEM and Fab
- YBA gives access to Japan, the 2nd largest OEM market
- Synetics brings strong business at Tier 1 OEMs
- Synetics doubles the CDA business that lead to more systems business
- Critical mass and global footprint in Asia, the fastest growing region

A large, light green circle with a thin black outline, containing the text "Brooks \$1B plus". The bottom of the circle features a subtle pattern of small squares, resembling a circuit board.

**Brooks
\$1B
plus**

**Delivering Stability,
Growth and Profit through
the Cycles**

It's all about execution



The Portfolio Makes the Difference

Automation Systems

Vacuum Systems

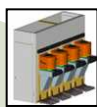
Global Customer Support



Vacuum Robotics



Load Ports



Atmospheric Systems



Cryopumps



Measurement Systems



Device Coolers



Atmospheric Robotics



Lithography Automation



Vacuum Systems



Vacuum Pumps



Thermal Management

Guaranteed Uptime Service (GUTS ®)

Predictive Maintenance

RetroEase ®

TrueBlue ® Service

Spares

Customer Designed Automation (Synetics*)

Factory Automation Software



Enclosures



Fan Filter Units



Atmospheric Robotics

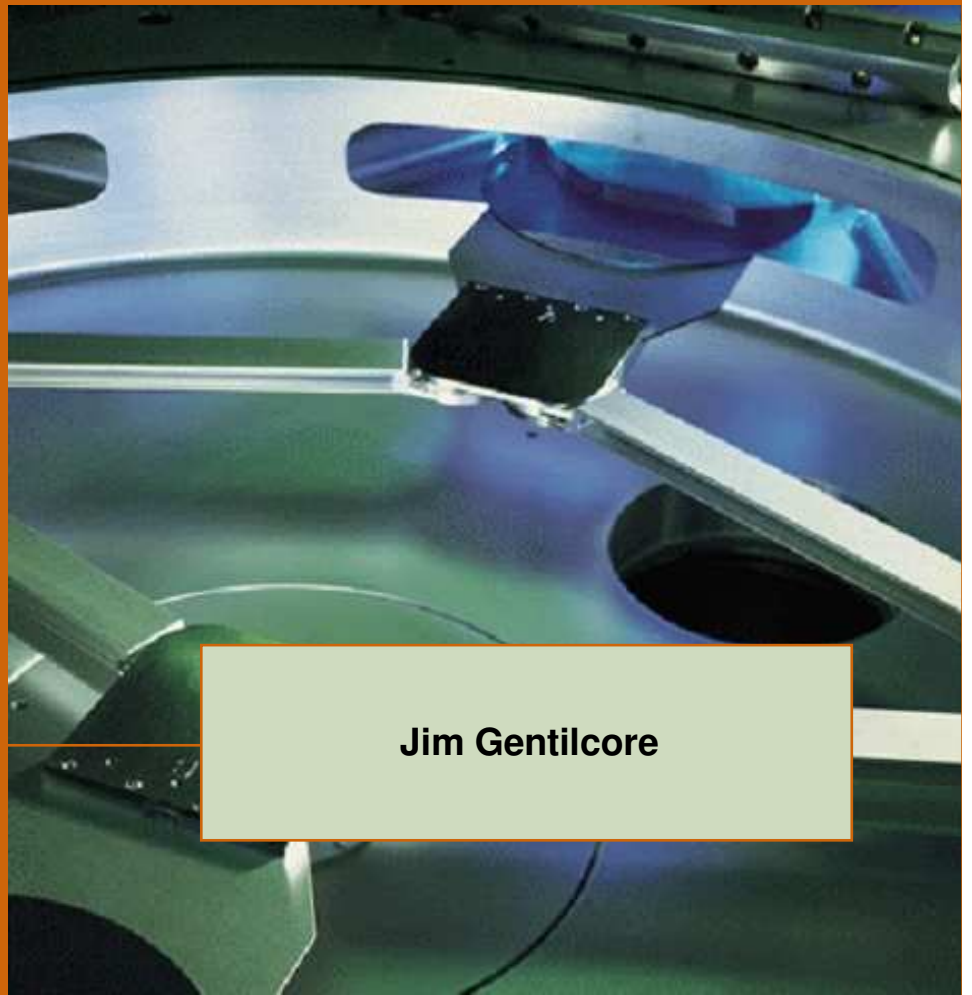


Contract Manufacturing

Collaborative Manufacturing
Closed Loop Automation
Supply Chain Execution
Business Performance Management
Services and Support



Semiconductor Products Group



Jim Gentilcore

Creating Manufacturing Efficiency. Accelerating Your Profit.



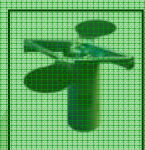


The Portfolio Makes the Difference

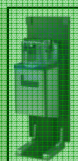
Automation Systems

Vacuum Systems

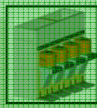
Global Customer Services



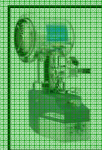
Vacuum Robotics



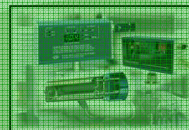
Load Ports



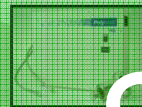
Atmospheric Systems



Cryopumps



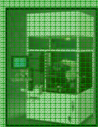
Measurement Systems



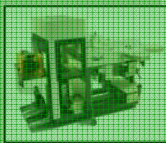
Device Cleaners



Atmospheric Robotics



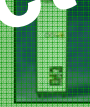
Lithography Automation



Vacuum Systems



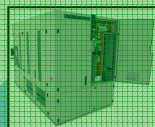
Vacuum Pumps



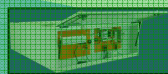
Thermal Management

Advanced Uptime Service (GUTS®)
Predictive Maintenance
RetroEase®
TrueBlue® Service
Spares

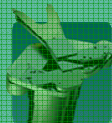
Customer Designed Automation (Synetics®)



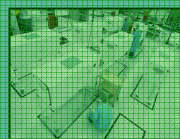
Enclosures



Fan Filter Units



Atmospheric Robotics



Contract Manufacturing

Factory Automation Software

Collaborative Manufacturing
Closed Loop Automation
Supply Chain Execution
Business Performance Management
Services and Support



Semiconductor Products Group Strategy

- Stabilize business performance through the cycles
- Increase business with largest OEMs
 - Integrated Engineered Content
 - Outsourcing of Customer Designed Automation
 - Leading edge automation
- Gain market share in Japan
- Improve margins through new products
- Exit or optimize unprofitable businesses
- Position to succeed in Asia market
- Lead innovation in semiconductor manufacturing efficiency



Stabilize Business Model Through the Cycle

- Revenue
 - Global Customer Support
 - More stable revenue stream than new equipment sales
 - Longer term service contracts
 - Improving fab utilization is a priority throughout the cycle
 - Large untapped installed base
 - Broader markets for Instrumentation
- Cost
 - Manufacturing and Materials
 - Adopting a symmetric sourcing model
 - Locating near ultimate customer
 - Low cost regional sourcing
 - Designing for lower cost of manufacture



Manufacturing Locations



Key Goals

- Brooks' manufacturing sites centered around customers
- Achieve economies of scale, particularly in supply chain
- Sites operate as decentralized cluster organizations



Increasing Value with Integrated Engineered Content



Vacuum Tool Automation

- Robotics
- Alignment modules
- Load lock modules
- Cluster tool platforms



Vacuum Tool Systems

- Controls
- Domain Expertise
- Systems Engineering
- Systems Integration

Vacuum-Based Processes

- Etch
- CVD
- PVD
- Ion Implant
- Metrology
- RTP
- Dry Strip
- Other



Process Vacuum Technology

- Vacuum systems
- Measurement systems
- Thermal management



Secular Shift from Modules to Systems Favors Brooks' Capabilities

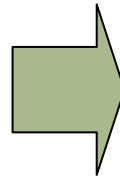
- OEMs moving from outsourcing only modules to outsourcing entire automation systems

Brooks Modules

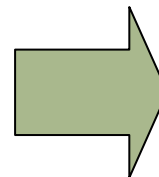
Customer-Designed Automation Systems

Brooks Systems

Tier 1



Tier 2





Japan Market Strategy

**JV with Yaskawa
Acquisition of Synetics**

Creating Manufacturing Efficiency. Accelerating Your Profit.





Brooks – Yaskawa Agreement

**Brooks Purchases
Synetics Solutions
from Yaskawa**

**Yaskawa and Brooks
form 50/50 Joint
Venture in Japan**

**Brooks continues
Yaskawa automation
business in US**

**Joint Venture distributes
Yaskawa and Brooks
automation in Japan**



Brooks Enhances CDA Model with Synetics Solutions

Airflow Management

- Frame
- Panels
- Fan-filter system

Automation Components

- Robot
- Track
- Aligner
- Loadport modules



Integrated Solution

- Software & Controls
- Change Control
- Configuration Management

Subsystems

- Gas/Fluid/Power/Motion
- Cables/Metal
- OEM Content

Typical 300mm Equipment Front End Module (EFEM) Solution



JV Strategic Vision

- Japan market is important to Brooks
 - World's second largest semiconductor OEM market
 - Large base of existing and new semiconductor fabs
 - Historically under-invested market for Brooks
- Strengthens ability to do business in Japan
 - Yaskawa is strong trusted brand in Japan
 - Leverage Yaskawa local sales and support capabilities for OEM and fab customers
- Long term commitment by Brooks to Japan market
 - Strong combination of the Brooks vacuum robots and automation systems along with the Yaskawa offerings
 - Important near- and long-term growth opportunity

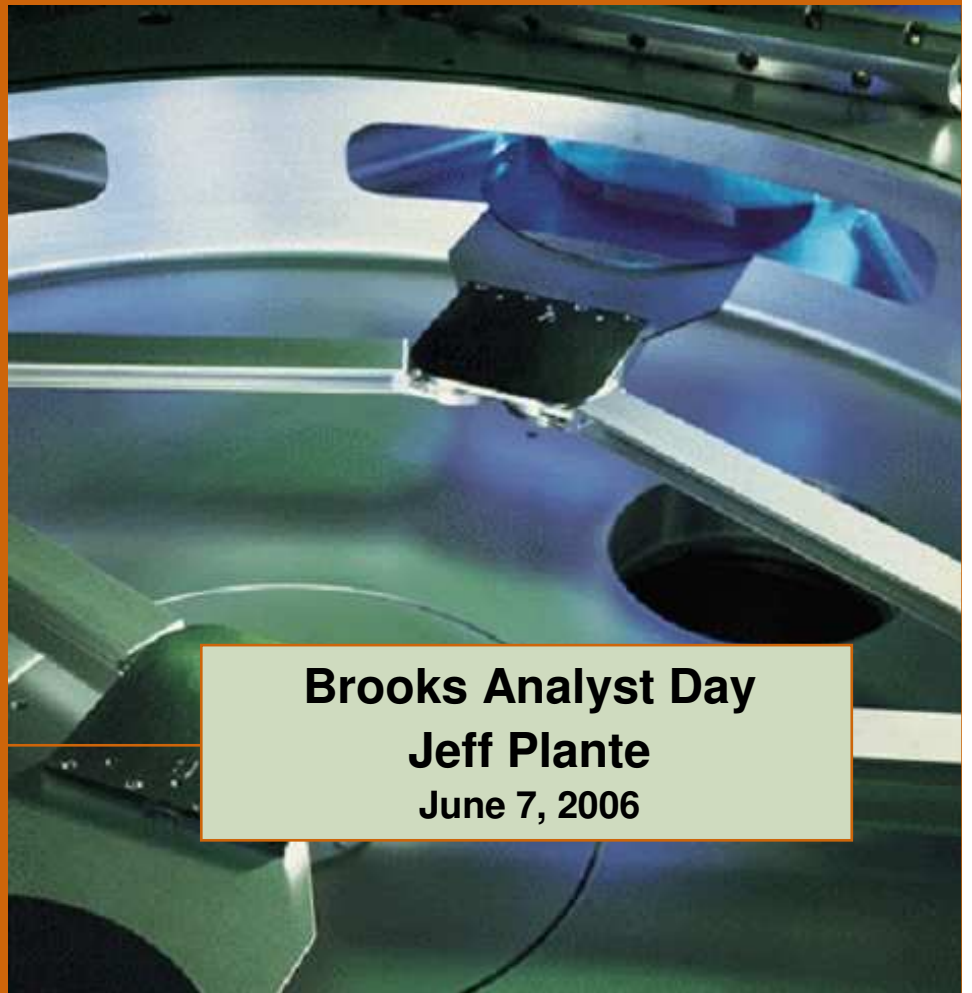


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Global Customer Support



Brooks Analyst Day
Jeff Plante
June 7, 2006

Creating Manufacturing Efficiency. Accelerating Your Profit.





Outline

- Our Missions
- Plan Phases
- Service and Support Value Evolution
- The Growth Opportunity
- Sustainable Competitive Advantage
- Leveraged Business Model
- Summary

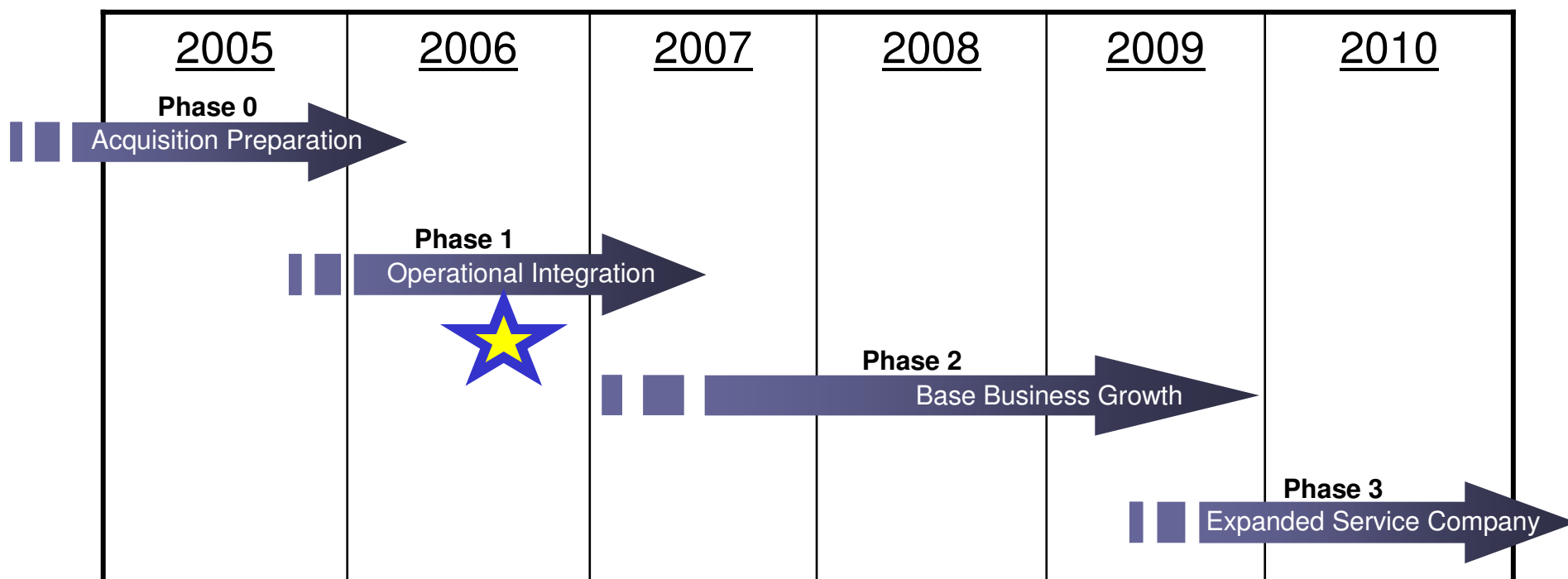


Global Customer Support Missions

- Integrate both former Companies' service organizations
- Implement Helix GCS business model at Brooks
- Double the business in 3 to 5 years

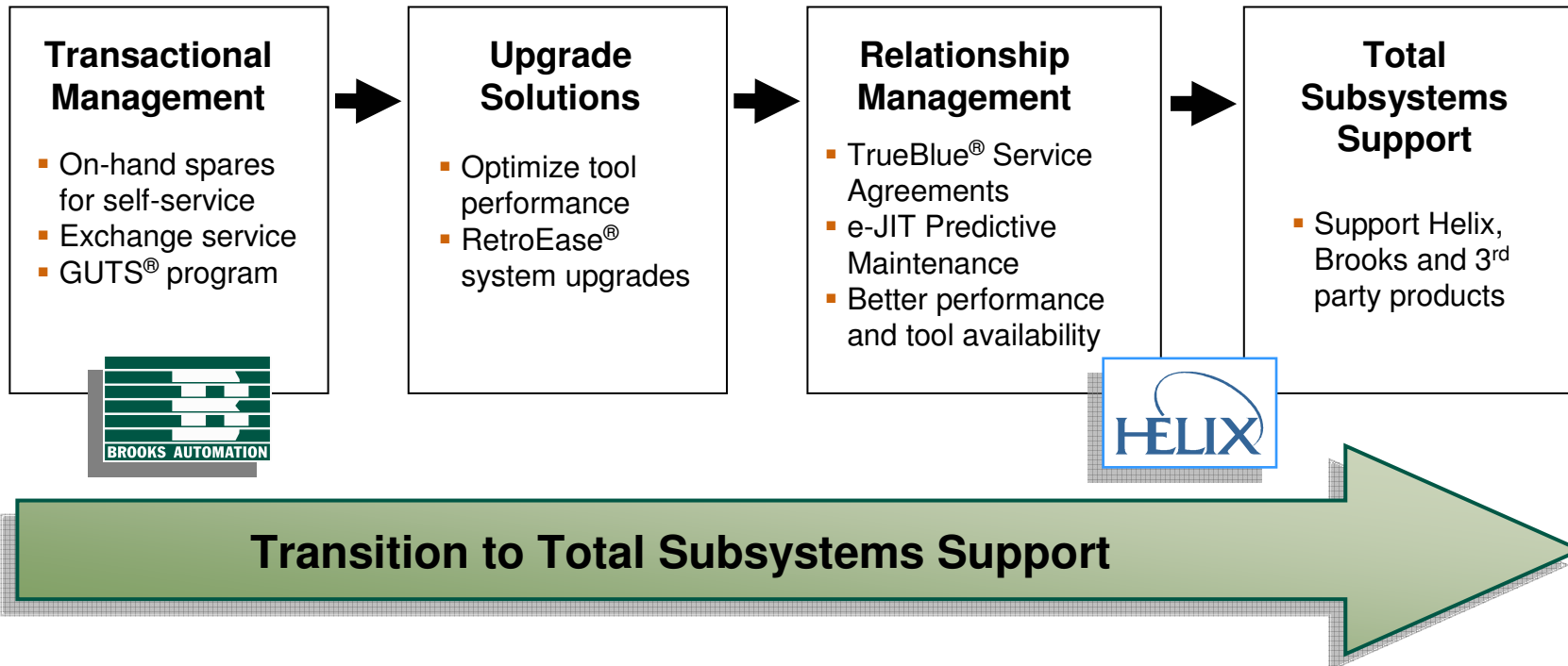


GCS Plan Phases





Service and Support Value Evolution



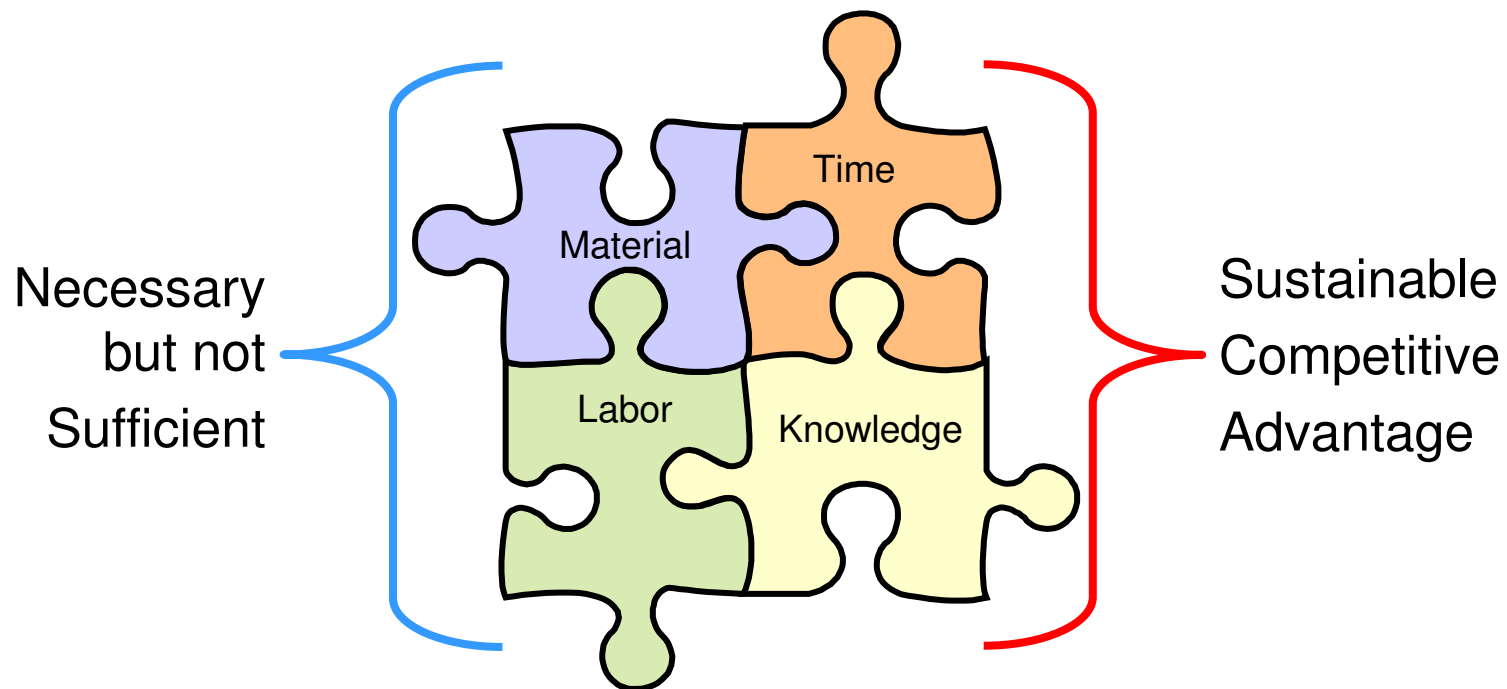
- Helix Service Platform enables predictive value instead of a transactional business
- Increases service value for enhanced tool availability, throughput and total cost of ownership
- Higher customer demand and retention through improved customer satisfaction
 - Push and pull based on technology and support

***Greater
Value Proposition
for Customers***



Develop and Deliver Sustainable Competitive Advantages

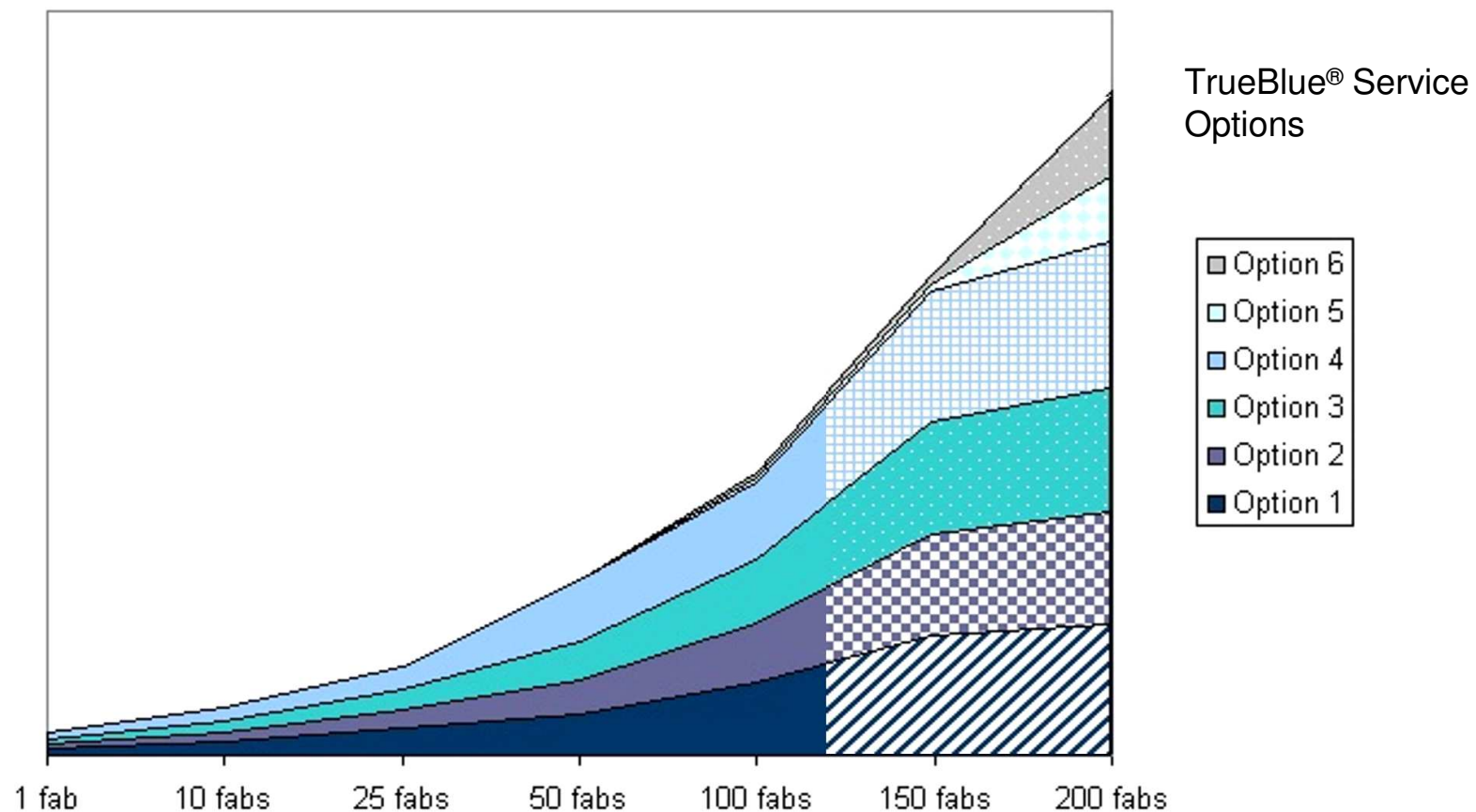
- Create Trust and Reliance → Solve Customer Problems!!!
- Customer Satisfaction = Performance – Expectation





Leveraged Business Model

- Expand Relationship Based End-User Business
- “Controllables” over half of Revenue





Summary

- Integrating Operations in 2006
- Implementing a Proven Support Model
 - End User Access
 - Relationship Based Business
- Growth Opportunity
 - Develop Sustainable Competitive Advantage
 - Leverage the Large Installed Base
- Double the business in 3 to 5 years



Technology Automation Division

Analyst Day
Michael Pippins
June 7, 2006

Creating Manufacturing Efficiency. Accelerating Your Profit.





Technology Automation Division

- TAD now focused on core OEM business.
 - Vacuum Robots
 - Vacuum Systems
 - Load Port Modules
 - Atmospheric Systems
 - Atmospheric Robots
- AMHS, Sorter and IRID Business moved to Legacy status and transferred to Global Customer Support Division.
- Aggressive investment in core OEM Product R&D since 2004 is now yielding 15 new products.
- New Products fuel Profitability and Growth.
 - Lower cost
 - Designed with less parts
 - Global Supply Chain
 - Performance Advantages



TAD New Product Update

Marathon 2 Vacuum Systems

MagnaTran 8 Vacuum Robots

Series 9 Atmospheric Products



Marathon 2 Vacuum System

High Performance

- 25% higher throughput
- Up to 22% smaller footprint
- Excellent particle performance

Flexible and Configurable

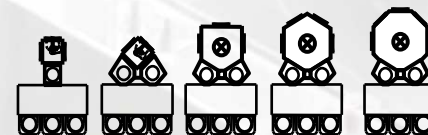
- All vacuum applications
- Optimized platforms
- Facet Adapter Plates

Maximum Uptime

- Patented CenterSmart™ Technology sets new benchmark on uptime
- Platform service time reduced by 50%
- Reliable MagnaTran Technology
 - 100,000 operational hours per day
 - > 10M MCBF

Shorter Integration and Cycle Time

- 25% shorter leadtime
- Faster integration
- 1-day installation





MagnaTran 8– QuadraFly

MagnaTran™ Features and Benefits

- Patented MagnaTran Direct Drive Technology
- High reliability:
 - Proven 12 Million MCBF
- Highest Industry Proven Repeatability
- Industry Highest throughput:
 - <3.5s swap time → 30% improvement to MAG7
- Industry Highest Reach to Containment:
 - 20% improvement to MAG7
- CenterSmart Ready: (Auto Wafer Centering)
- Payload Capability: 2x that of MAG7



New Series 9 Atmospheric Module Product Family



**VISION™
Load Port
Module**



RAZOR⁵



**RAZOR™
Atmospheric
5-axis Robot**



**FUSION™
Controls**

**RAZOR™
Atmospheric
Wafer Aligner**





Series 9 Atmospheric System Product Family

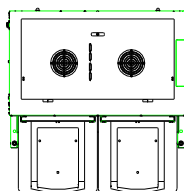


**JET²™
EFEM**

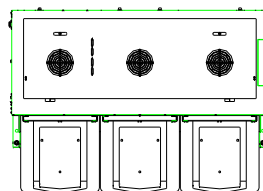


**FUSION™
Controls**

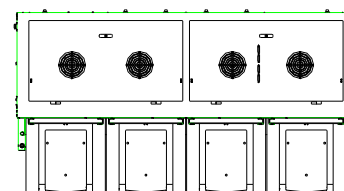
JET™ Atmospheric Systems



JET²



JET³



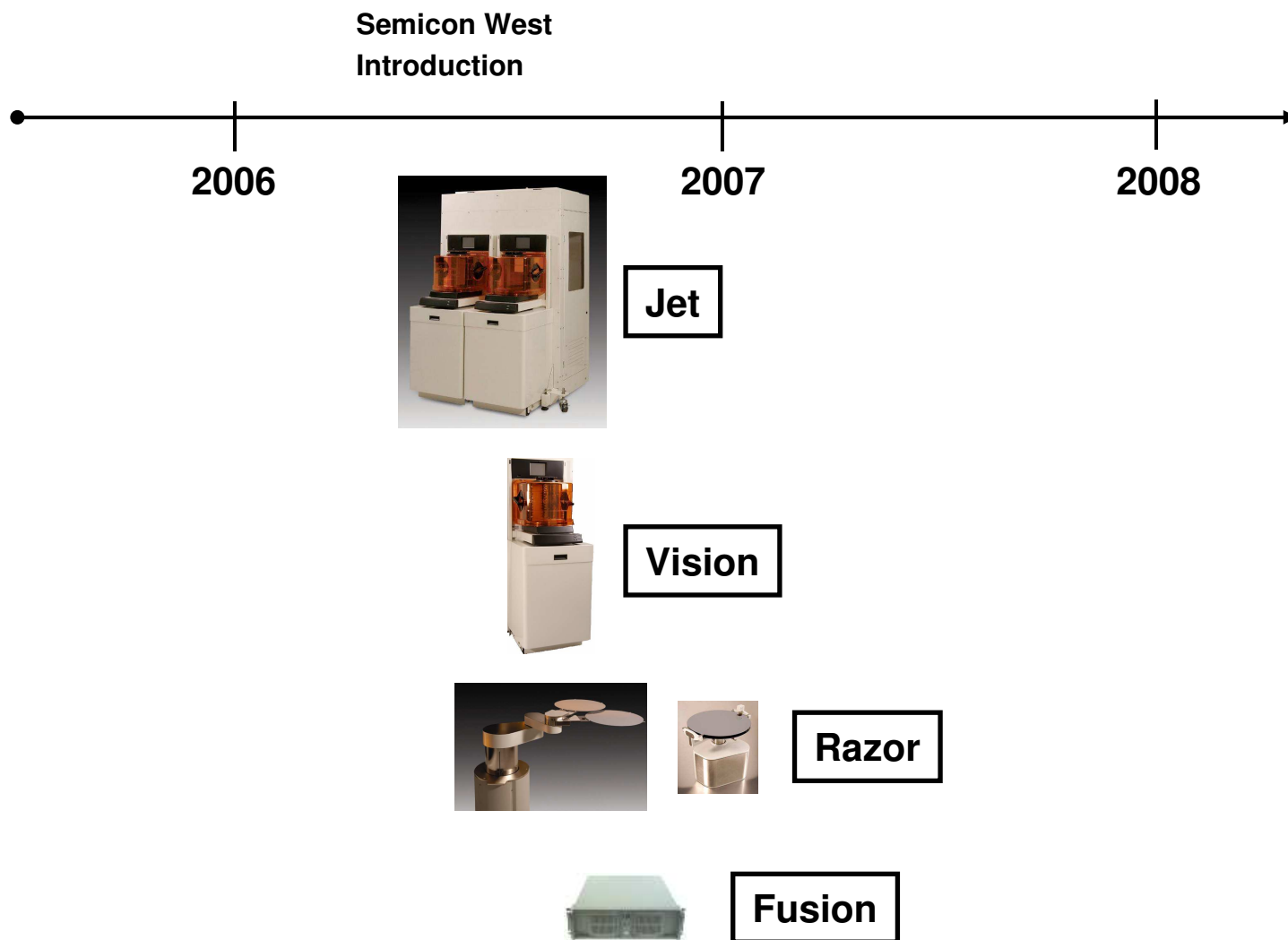
JET⁴

JET² ENGINE™ Atmospheric System





Series 9 Atmospheric Product Roadmap





TAD Summary

- Focused on core OEM Business
- Profitable
- Penetrating Big OEM Customers
- New Products drive Growth and GM
- Positioned for Profitability through the cycle



Vacuum Products Division

Steve Michaud
June 7, 2006

Creating Manufacturing Efficiency. Accelerating Your Profit.





Today's Presentation

- Who are we and why are we unique
- How our business is changing
- How does our portfolio address the changing needs
- Summary



Who are we and why are we unique?

Leading Process Enabler

Our Focus...

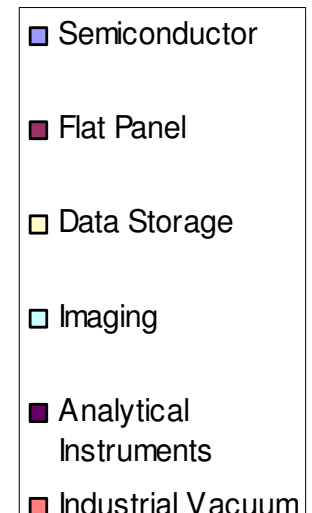
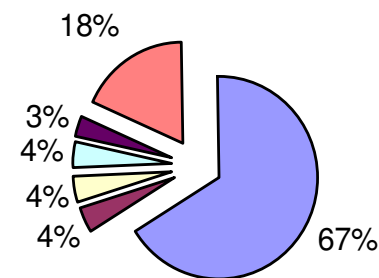
Highly focused on delivering vacuum and thermal solutions that enable optimized system performance in support of served markets and the integrated engineered content strategy



Leading Process Enabler

- Vacuum Products Division
 - CTI-Cryogenics Pumping
 - Granville-Phillips Measurement
 - Polycold Systems Thermal management

- Markets Served
 - Semiconductor processes
 - Thin film deposition
 - Analytical
 - Industrial vacuum



Source: Company estimates



Product Portfolio

A leader of premium components...



**CTI Cryogenic®
Vacuum Pumps**



**Granville-Phillips®
Vacuum Measurement**



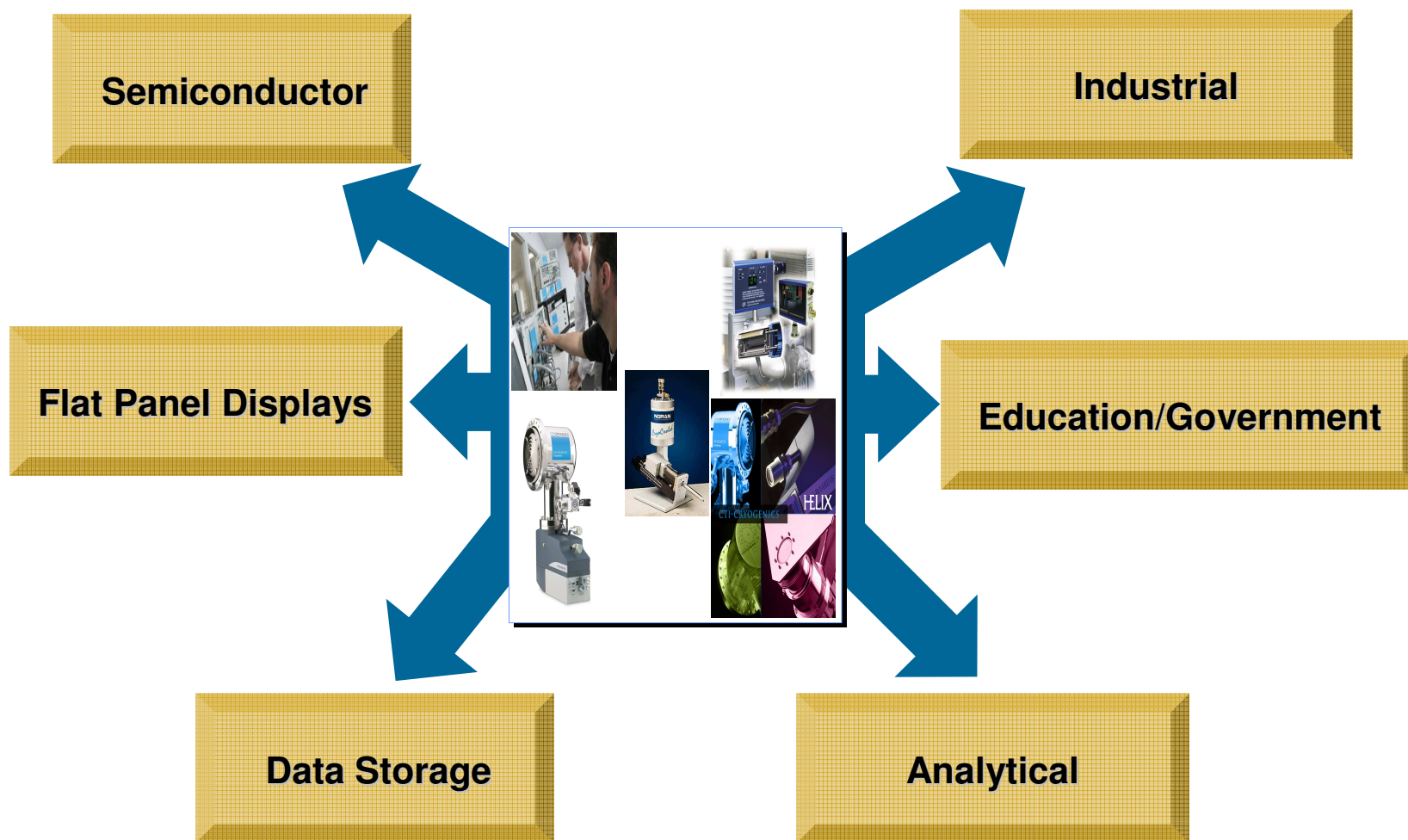
**Polycold® Systems
Thermal Solutions**

Application specific solutions
New markets, new platforms
Innovative integration

Create, Measure and Control Vacuum



Broad Applications Provide Diversity and Stability

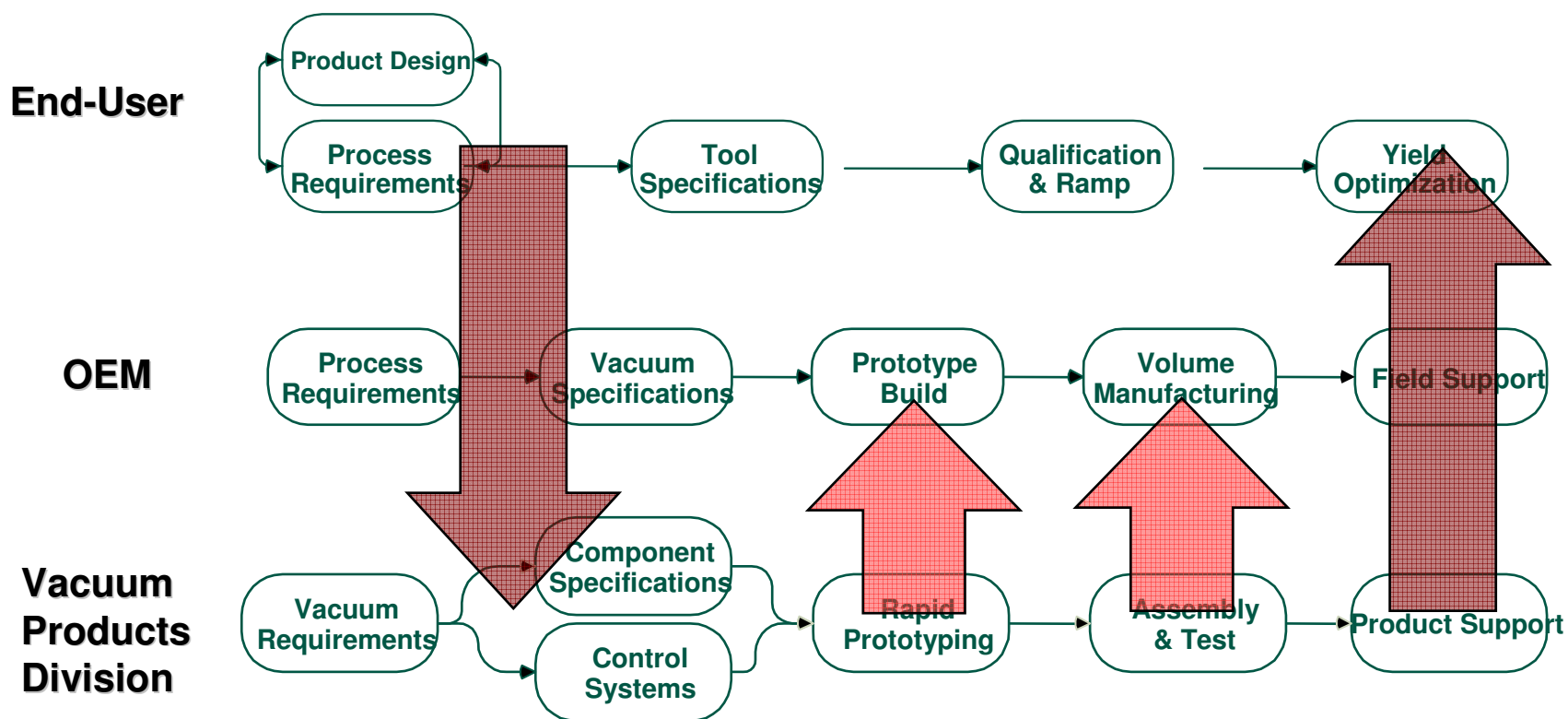


Market-Leading and Process-Critical Components and Modules



How is our business changing? A Value Chain Enabler

Uniquely Responsive to the Needs of End-Users and OEMs



Industry Dynamics and Challenges

■ Market Evolution

- Digital everywhere
- Consumer electronics evolution to even lower cost
- Process optimization in all areas to maximize throughput
- Key product planning years to months
- Beyond Electronics manufacturing processes
 - Flat panel, Data Storage, Industrial coating a natural extension



Metalization
Optics
Semiconductor
LCD

■ Product Evolution

- Best of breed *core modules* feed a higher level of integration
- Lean thinking extends into lean equipment designs
 - Do more of what is needed for less



Increasing Value with Integrated Engineered Content



Vacuum Tool Automation

- Robotics
- Alignment modules
- Load lock modules
- Cluster tool platforms



Vacuum Tool Systems

- Controls
- Domain Expertise
- Systems Engineering
- Systems Integration

Vacuum-Based Processes

- Etch
- CVD
- PVD
- Ion Implant
- Metrology
- RTP
- Dry Strip
- Other



Process Vacuum Technology

- Vacuum systems
- Measurement systems
- Thermal management

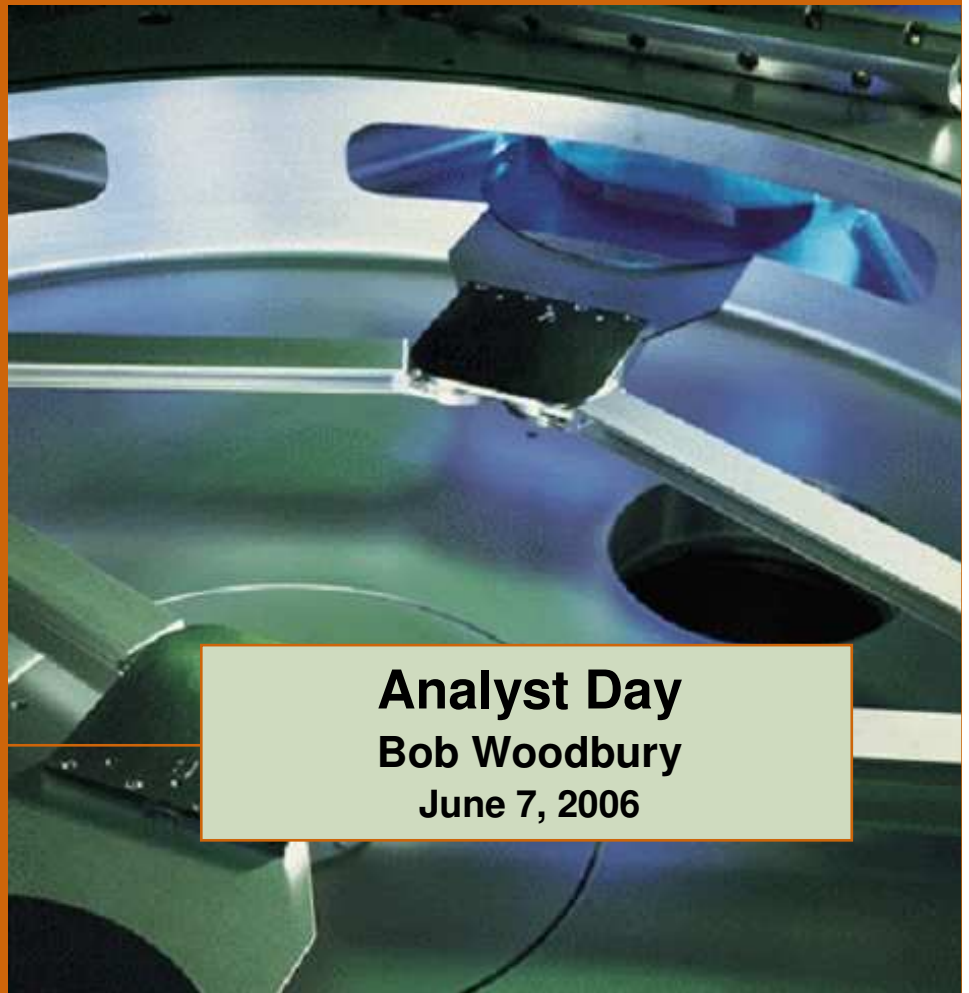


Summary

- Depth of vacuum and applications knowledge to enable optimized engineered content for End Users and OEMs
- Well positioned for the growing demands for process critical vacuum applications
- New products satisfying the demands of new markets
- All offering stability, growth and profitability



Financial Overview



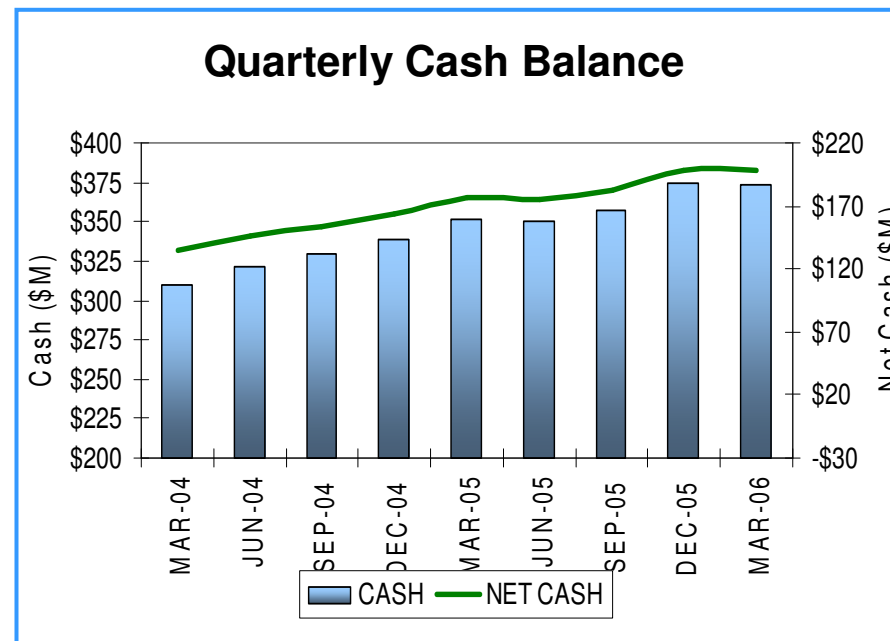
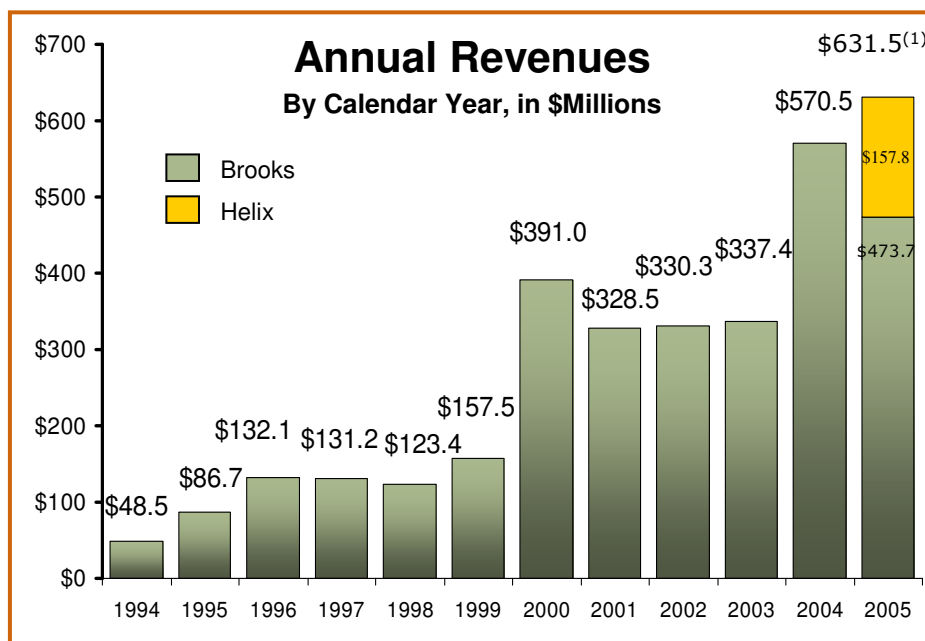
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Strong Historical Growth and Recent Financial Performance



Fiscal Q2 2006 Results

- Bookings = \$193.0 million
- Revenues = \$169.2 million
- EPS = \$0.22⁽²⁾,

Q3 Guidance

- \$185 to \$193 million
- \$170 to \$180 million
- \$0.23 to \$0.29 per share

(1) Pro forma with Helix Technology

(2) Non-GAAP, excluding charges and special items



Consolidated Balance Sheet (in thousands)

	March 31, 2006	December 31, 2005
ASSETS		
Cash, cash equivalents and marketable securities	\$ 365,041	\$ 353,193
Accounts receivable, net	119,134	92,216
Inventories	79,574	78,056
Other current assets	25,559	19,102
Total current assets	589,308	542,567
Property, plant and equipment, net	70,302	71,657
Long-term marketable securities	7,971	20,784
Intangible assets, net	415,206	427,661
Other assets	27,246	19,923
Total assets	<u>\$ 1,110,033</u>	<u>\$ 1,082,592</u>
LIABILITIES, MINORITY INTERESTS AND STOCKHOLDERS' EQUITY		
Current liabilities	\$ 162,611	\$ 140,692
Convertible subordinated notes	175,000	175,000
Other long-term liabilities	12,346	17,075
Total liabilities	349,957	332,767
Minority interests	294	861
Stockholders' equity	759,782	748,964
Total liabilities, minority interests and stockholders' equity	<u>\$ 1,110,033</u>	<u>\$ 1,082,592</u>

Cash, cash equivalents, short-term and long-term marketable securities	
March 31, 2006	\$ 373,012
December 31, 2005	\$ 373,977
September 30, 2005	\$ 356,958
June 30, 2005	\$ 349,724
March 31, 2005	\$ 351,214



Financial Model inc. Synetics

Quarterly Model

	<u>BRKS</u> <u>Breakeven</u>	<u>Synetics</u> <u>increment</u>	<u>New B/E</u>	(annual) <u>Synetics</u> <u>Upside</u>
Revenues	127.0	15.0	142.0	80
GM	45.5	3.0	48.5	17
GM%	36%	20%	34%	21%
Op Ex	45.0	2.5	47.5	10.0
				12.5%
Op Income	-	0.5	1.0	7.0
Op Margin	-	3.3%	0.7%	8.8%



Summary of Recent Events

Stock options issue

- Review by Special Committee is essentially complete
- Finalize and restate financials (expect 30 to 45 days)

Events related to late filing of 10-Q

- Nasdaq hearing end of June, typical will allow 90 to 180 days to cure
- Bonds call is effective mid-July

Other regulatory / legal matters related to options

- SEC informal review
- US. Attorney subpoena
- Derivative law suits filed