



Welcome to Wipro's India Analyst/Investors' Meet 2007

Feb 09, '07 National Stock Exchange, Mumbai

Safe Harbor



This presentation may contain certain "forward looking" statements, which involve a number of risks, uncertainties and other factors that could cause actual results to differ materially from those that may be projected by these forward looking statements. These uncertainties have been detailed in the reports filed by Wipro with the Securities and Exchange Commission and these filings are available at <u>www.sec.gov</u>. This presentation also contains references to findings of various reports available in the public domain. Wipro makes no representation as to their accuracy or that the company subscribes to those findings.





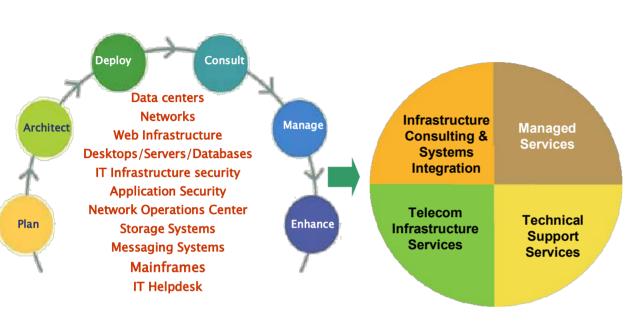
- Global IT Service Lines
- Wipro Infotech

Suresh Vaswani

President- Global IT Services Lines, Wipro Technologies
President, Wipro Infotech

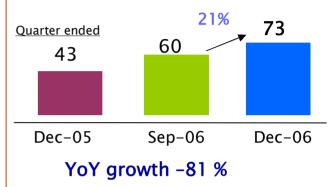
Technology Infrastructure Services (TIS)





Partner for Complete Infrastructure Life Cycle

Revenue (\$ M)



•Revenue for 9 Months ended Dec 2006 –183 Mn \$ – YOY growth 74%

What we do

- Pioneers in Global Delivery Model for Infrastructure Management
- Comprehensive portfolio of services spanning the complete IT Infrastructure Life Cycle

Our Leadership Position

- · Largest Offshore IT Infrastructure Services player in terms of revenue, people and customers
- 4396 consultants, net addition of 608 people during the quarter

Our Differentiators

- Global IT Outsourcing Practice offering integrated value proposition to customers
- Next Generation Managed Services offering tool-agnostic, highly secure service based on business impact

Remote Management - driving next wave of Off shoring

Business trends & Strategic Directions - TIS



Business trends

- Offshore players' share in Global Infrastructure services projected to be \$9 Bn by 2010, 2005-10
 CAGR of 55%
- Landscape change: Indian vendors already winning deals ranging from TCV of \$50 Mn \$100 Mn
 , being considered for Deals with TCV \$50 Mn to \$250 Mn
- Customers are increasingly looking for Business Service Management rather than only element management
- Opportunities leveraging on Advanced Technologies like transformation of Telecom Networks,
 Network Optimization, Convergence, IPTV, IP Telephony, etc increasing in the market
- Product vendors such as CISCO / HP / EMC moving from Products to Platform Solutions

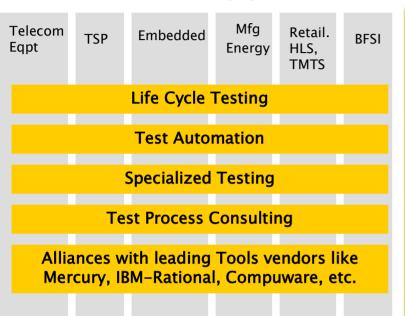
Strategic Directions

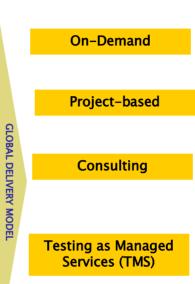
- Strengthen leadership position through Global IT Outsourcing
- Portfolio expansion strategy
- Strong alliance management
- Enhancing Program Governance
- People supply chain optimization and talent transformation initiatives

Wipro Testing Services

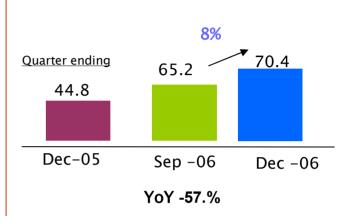


Service Portfolio & Engagement Models





Revenue (\$ M)



•Revenue for 9 Months ended Dec 2006 –193 Mn \$ – YOY growth 71%

What we do

· Quality assurance services ranging from Life cycle testing services to specialized testing services to our customers in the Enterprise as well as technology space

Our Leadership Position

- · Largest Offshore Testing Services Provider (AMR research, 2005)
- Over 5900 Employees.
- Pioneers in Product Engineering Testing space

Our Differentiators

- •Test Productivity Investments in Test frameworks, tools and point solutions, deliver productivity and time to market advantages to our customers.
- •Testing as Managed Services End-to-End Test Ownership to ensure customer delight
- Domain Centric Offerings leveraging Industry COEs and Labs

Business Trends & Strategic directions - Testing



Business Trends

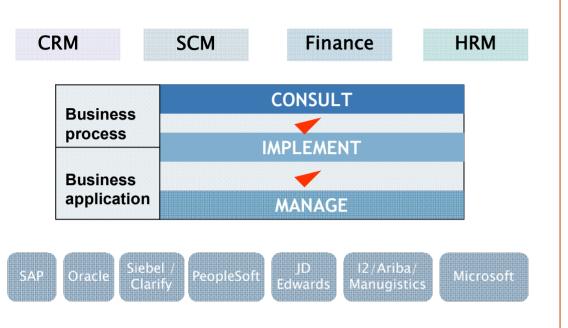
- 1. Market opportunity for Offshore Testing companies likely to be \$11 Bn by 2010
- 2. Test Automation & Specialization (Performance, Security testing) becoming the norm
- 3. Testing opportunities in Localization, Package Applications, IP migration & SOA hold promise
- 4. Customers demanding Domain knowledge, Test Consultancy capabilities.

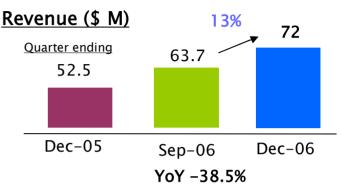
Strategic Directions

- Differentiation through Test Consultancy, Domain Test frameworks & Specialized Testing services
- 2. Extend Product Engineering leadership by investing in automation frameworks, tools, Domain specific labs like Wi-Fi labs, 3G labs
- Build on success in Enterprise, BFSI & Telecom Service provider customers Enhance the Vertical Domain specific Testing competencies and Test Frameworks
- 4. Focus on Emerging areas IP Migration, Package Application & SOA Testing

Wipro Enterprise Application Services (EAS)







•Revenue for 9 Months ended Dec 2006 194 Mn \$ - YOY growth 35%

What we do

·We provide Process Consulting, Package Implementation and Application Management Services for CRM, SCM, ERP as well as Vertical specific processes

Analyst View

- Wipro is Best Suited for Large-Scale, Global SAP Projects Implementation: Forrester
- Best Positioned among Indian
 Companies in Gartner Magic
 Quadrant for CRM and SCM Service
 Providers in North America

Our Differentiators

- •Recognized capabilities for large end to end package implementations, global rollouts
- Leadership in Next Generation
 Solutions SCM, CRM
- Domain Competency in focus industries like Energy, Retail, Utilities

Business Trends & Strategic directions - EAS



Business Trends

- 1. By 2009-10, Market Size for ERP applications (globally) to be \$40 B (AMR research)
- SAP & ORACLE dominate the market; Focusing on Domain solutions & Services Oriented Architecture (SOA) based platforms. Microsoft making investments in ERP space
- End Users looking at Globalization, Business Intelligence, Shared services, and Redesign of process areas
- 4. Traditional BPO players getting into Surround Application Enhancement and Support business

Strategic Directions

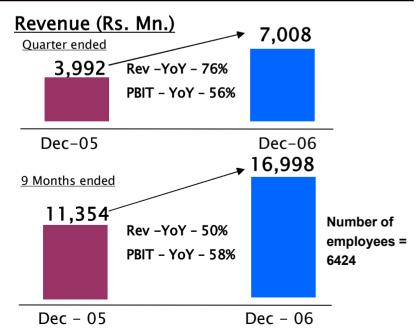
- Transformational capabilities through Consulting & Program management expertise
- 2. Platform SOA technologies & Industry solutions
- 3. Non-linear approach to traditional Application Maintenance & Support Services
- 4. Capitalise on opportunity areas Microsoft ERP solutions; Integrated Services (Applications + BPO)

Wipro Infotech – An Overview



Comprehensive Services Lines

Consulting	Process, IT Governance, e-Governance, Security, Strategic Cost Reduction
Business Solutions	Package Application, Business Intelligence, Application Development & Management
Professional Services	System Integration, Infrastructure Management Services, Application Support
Infrastructure Products	Platforms, Networking, Storage, Enterprise Management & Security
Total Outsourcing	IT, Process Strategy Formulation and Alignment to Business



Wipro Infotech – Highlights of 2006-07

- 1. Partner of Choice for Customers in India
 - 1. Leading IT solutions company in India
 - Largest Technology Products player
 - 4. # 1 in Network Integration & Security
- 2. Partner of Choice for Principals in India
 - 1. Largest SI partner for Cisco, Sun, Nortel
 - Best SAP partner across APAC
 - 3. Largest Enterprise partner Microsoft
 - 4. Largest SI for Symantec / RSA / Checkpoint
 - Largest partner for HP Openview
- 3. Domain centricity
 - 1. BFSI HDFC Bank, LIC, GIC, BSE...
 - 2. Telecom Bharti Airtel, Maxis...
 - Government CRIS, 15 State Govt's, BEL..
 - 4. Mfg. Maruti, Hyundai, AV Birla, Sanmar...
- 4. Innovation in Service Delivery
 - Integrated Remote Service Delivery Platform
 – GSMC, 50+ customers
 - 2. Software templates SAP in CPG / Auto; Oracle in Real Estate; – 30+ customers
- 5. Strategic Investments
 - 1. 3D Networks / Planet PSG acquisition
 - 2. Joint Venture in KSA

IT Trends in India



- Indian IT Market \$ 12 Bn (2006), Products: Services = 65:35, will grow @ 22% in 2007, 17% CAGR thru
 2010 (Source: IDC)
- 2. Sunrise sectors Retail, SEZ, Infrastructure, Defense.
- 3. All verticals to grow Banking, Manufacturing, Telecom, ITeS, Government.
- 4. Large integrated IT solutions opportunities on the rise
- 5. Greenfield IT projects to drive growth across all IT segments
- 6. Emerging technologies to drive new investments
- 7. Progressive Mid market
- 8. Heavy focus of Technology owners on mid market / emerging technologies

India to remain the fastest growing IT market in the Asia Pacific region

Wipro Infotech - Directions



- 1. Stratified account management
- 2. Domain competencies
- 3. Emerging technologies thrust Unified Communications, SOA, Security...
- 4. Stronger thrust in Middle East with Infrastructure
- 5. Non linearity and operational efficiencies in Services GSMC, templates, integrated service delivery
- 6. Strategic alliances with partners placing big bets on India
- 7. Invest in people
- 8. Transform customer experience
- 9. Inorganic initiatives to build new competencies and service lines





Enterprise Solutions

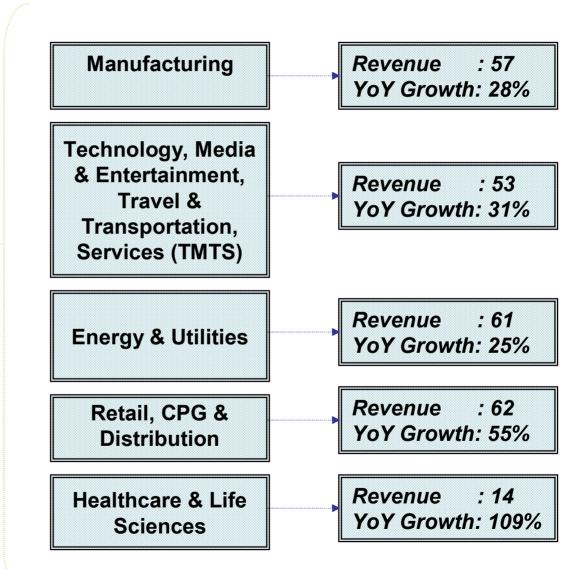
Sudip Banerjee

President- Enterprise Solutions, Wipro Technologies

Enterprise Solutions – Performance Snapshot



Enterprise
Solutions
(ES)
(YoY Growth: 38%)



ES Priorities going forward



Consulting practice development and expansion

Strategic resource management: building domain competency, global delivery model

Value Creation: External & Internal

Increased account penetration: across multiple divisions and across service lines within same division

Growth focus: Organic and inorganic

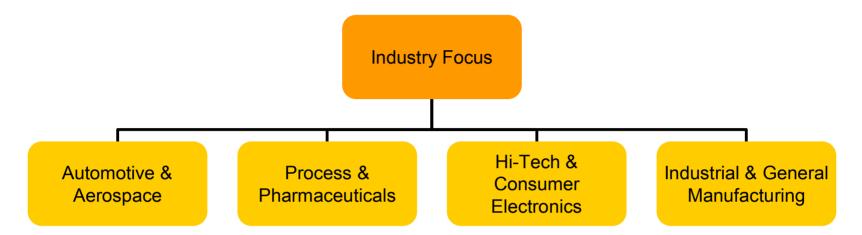




Manufacturing

Overview of Wipro in Manufacturing





Highlights

- More than 60 customers in US, Europe and Japan
- Over 3000 consultants
- Alliances with leading technology vendors
- Industry landscape: growth in Manufacturing IT spends estimated at 3%, raising industry budgets to 3.7% of revenue in 2007

Domain Highlights

- Creation of enablers for a Collaborative Real Time Enterprise
- Strength in Customer Information Management, Analytics, MES, PLM, Procurement BPO
- Rated highly in Manufacturing Operations by AMR and SCM by Gartner
- Rapid growth in Pharma and Hitech segments

Delivery Highlights

- Factory Model Innovation is a case study at Harvard Business School
- Managed Services framework to integrate applications, infrastructure and BPO

Going Forward: Investments in Domain & Service offerings,



- Building Leadership in Key Client Investment Areas
 - Manufacturing Execution Systems [MES]
 - Supply Chain Consulting [SCM]
 - Integration of MES to ERP Systems
- Strategic Alliances in key focus areas
 - SCM
 - MES
- Industry solutions developed through Domain Center of Excellences [CoE's] and Alliance partners
 - · Automotive, Pharma CoE's
 - · 'Freeway', a branded solution for the Automotive Industry has been rolled out
- Service Delivery Excellence
 - Factory Model for Application Development
 - Featured as a case study in Harvard Business School
 - Managed Services for Application Maintenance

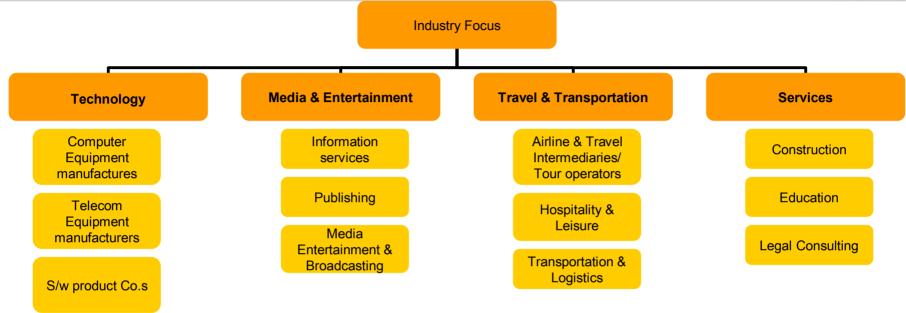




TMTS

Overview of Wipro in TMTS





Highlights

- Over 60 customers across geographies
- Skilled employee base of about 3500
- Working with Industry leaders across above sub verticals
- · Industry landscape: Airlines & Media key growth areas going forward

Domain Highlights

- · BPO/IT integrated services offering
- Best in Class Production support services
- · Global account management

Delivery Highlights

- Business Focused Solutions: IBEX (Internet booking engine for travel industry), IPP (Integrated publishing platform for publishing industry), Pricing optimization & Enforcement engine for Hi-Tech industry, e-Freight for Air Cargo Industry
- · Very large to medium size engagements with focus on Multi year outsourcing deals
 - * NASSCOM, ** Independent Surveys

Going Forward: Investments in Domain & Service offerings



Growth:

Penetration within existing large accounts and acquiring new must have accounts

- Service line penetration through Alignment
- Account level Partnering and acquisition
- Global penetration and account management
- Promote new engagement models
- Solutions/ Services focus: Building new solutions through:
 - Industry specific package solutions
 - Leveraging innovation E.g., Ibex, ISBN
 - Focusing on Content BPO in media and Transaction BPO in Airlines/travel
- Evaluation of Inorganic Growth opportunities: Strengthen presence in transportation and media space

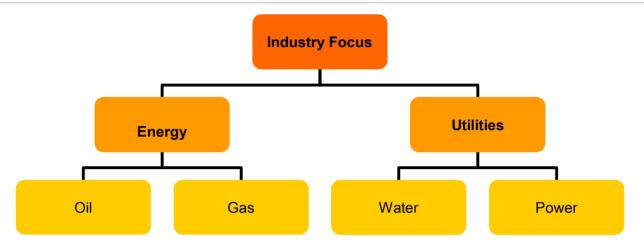




Energy & Utilities

Overview of Wipro in Energy & Utilities





Highlights

- Largest player among the Indian IT Services Provider
- · Strategic relationships with some of the best-known technology companies
- Employee base of over 3200
- · Dedicated group of domain specialists
- Industry Landscape: U.S utility market opening up to outsourcing

Domain Highlights

- Focused Practise Groups to drive business growth and focus on building domain and delivery capabilities
- Centre of Excellence for specific skills and products

Delivery Highlights

ERP, Managed services, Consulting, BPO

Going Forward: Investments in Domain & Service offerings



- Growth
 - Strengthen global presence: focus on new geographies and integration
 - Focus on new account penetration
- Build capabilities for emerging industries/ across emerging industry needs
 - Focus on Mining and Energy trading
 - Building ERP, EAM and BPO capabilities
 - Establish CoE to build competency & skill around specific products
 - Establish focused and dedicated practice groups for
 - Electricity
 - Gas
 - Water

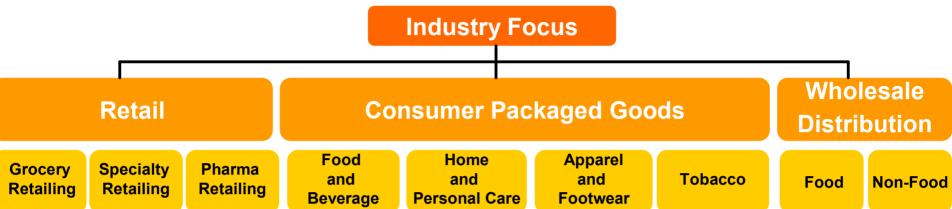




Retail, CPG and Distribution

Wipro's Retail CPG and Distribution Practice





Highlights

- Acquired (*) enabler in 2006
- Base of approx 3300 specialists
- · Part of SAP IVN for consumer goods
- Focus on multi year multi service deals
- Deep presence in Grocery
- · Strategic Partnership with the customers
- Industry landscape: Growth of emerging markets like India, China, Middle East

Domain Highlights

- · Collaborative Commerce, GDS, Supply Chain, Category Management, Point of Sales, Warehouse Management systems
- · Dedicated CoE for deepening domain knowledge and developing focus across industries
- · Acknowledged by customers and leading analysts as a thought leader in CPG domain

Delivery Highlights

- Supply Chain, In Store, RFID, EIM, Retail Pharmacy and Merchandising and Pricing
- Point solutions offerings (kiosk based consumer care solutions / micro-site)

Going Forward: Investments in Domain & Service offerings



- Multi Channel Offering: Develop future state architecture based on point solution needs and overall strategy
- Digital Supply Chain transforming supply chain into digital value networks by Integrating,
 Optimizing, Collaborating, Synchronizing, Supporting & Linking
- Real Enterprise Information Management to improve efficiency, scalability, time to market and secure data integrity of master enterprise data. This is obtained through:
 - Cross functional business processes to manage enterprise master data
 - Logical data model for enterprise master information
 - Complete EIM solution framework
 - Data Governance framework
- Business Analytics Model: Combining domain knowledge with business intelligence and market insights
- Point of Sale CoE Labs for error free processing and reduced time to market
- RFID:
 - Store Stock management for a Leading UK apparel retailer
 - Factory/Warehouse automation for a Leading Indian apparel retailer
 - RFID data analytics and infrastructure support for a Leading American discount retailer
 - Building business case and Assessing ROI for a Leading American grocery retailer
 - Work in process tracking for a leading American high-tech maker
 - Yard management solution for a leading American Automotive maker

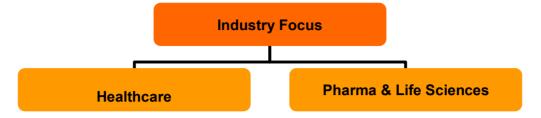




Healthcare & Life Sciences

Overview of Wipro in HLS





Highlights

- Resource base of approx. 1000
- Industry Landscape: Clinical trials and Disease Management emerging as growth areas going forward

Domain Highlights

- · Clinical Trial Management
- Healthcare Application Services (HAS)
- IT/non-IT Managed Services, HCTOS
- · System Integration

Delivery Highlights:

- · Bio-surveillance solution for public health departments and center for disease control
- Implementation and integration of HIPAA transaction compliance system.
- Therapy management portal
- · Providing voice & non voice processing

Going Forward:

- Investments in Domain & Service offerings
- Differentiating solutions Disease management, HC Intelligence etc.
- Build domain competency by leveraging existing customer accounts & through alliances
- Broaden key customer base
- Establish strategic partnerships on GTM
- Process Excellence Initiative

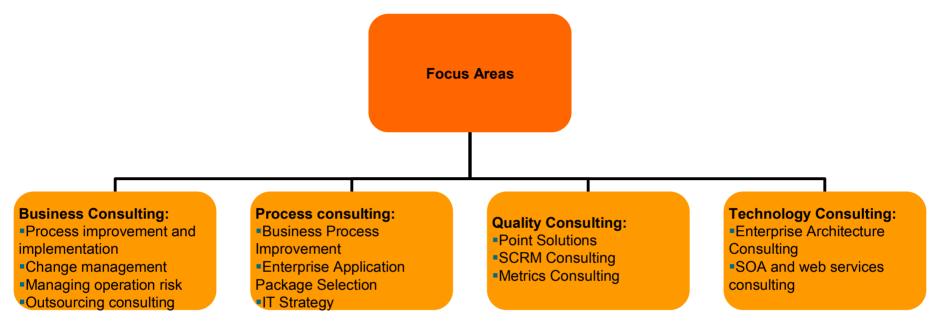




Wipro Consultancy Services

Wipro Consulting Services – Key to further growth



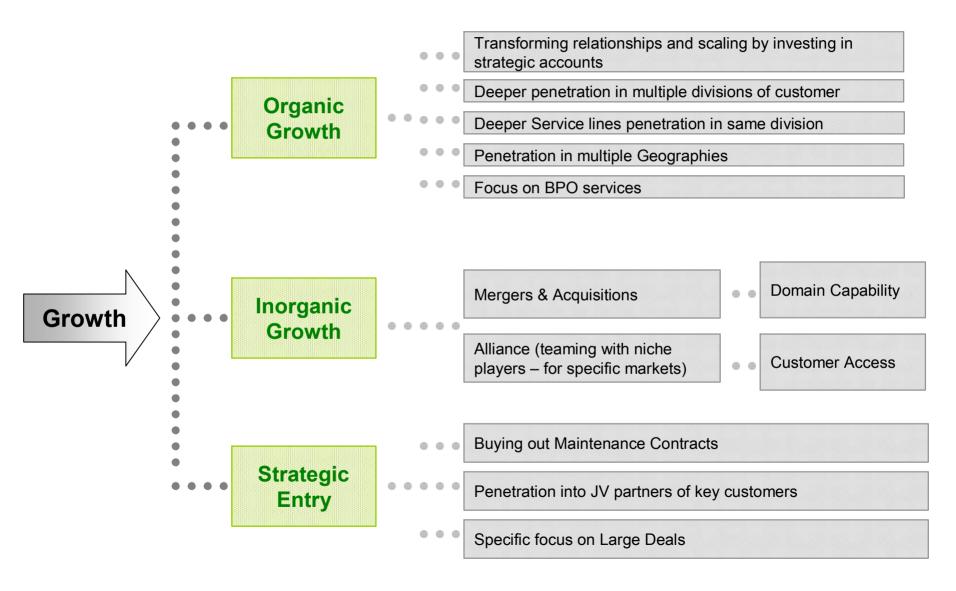


Leveraging WCS going forward:

- Leverage Consulting as a Deal Winner in Game Changing Deals
- Deploy Consulting as an "Account Penetrator"
- Project the power of consulting as a "capability integrator" across Wipro
- Orient Consulting as a "Talent Attractor"
- Drive Consulting as a Growth Business
- Integrate Transformational Consulting
- Incubate, acquire Functional Consulting
- Collaborate with Verticals in Industry Consulting
- Strengthen IT Consulting

Enterprise Solutions: Poised for Growth









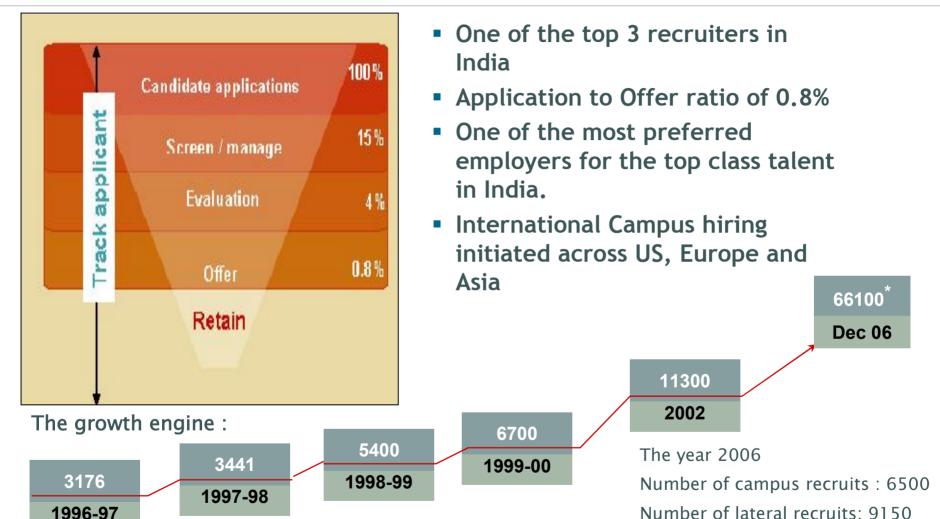
Talent Management

Pratik Kumar

Executive Vice President - Human Resources

Growing talent base





66,100 employees, ~11,000 employees onsite across Geos, 23 nationalities, Avg age of 26

Managing the Talent Pipeline



- Dynamic Recruitment Database of 600,000+ profiles (200,000+ active and 400,000+ passive candidates).
- Growing at the rate of 8000 per month
- End-2-end Automation & Integration with all sourcing partners.
- Highly automated recruitment process 'Synergy'



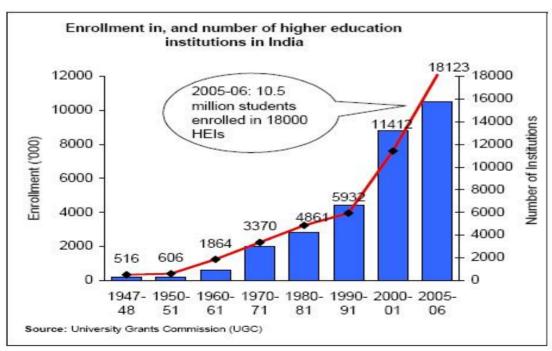
Talent Pool Availability

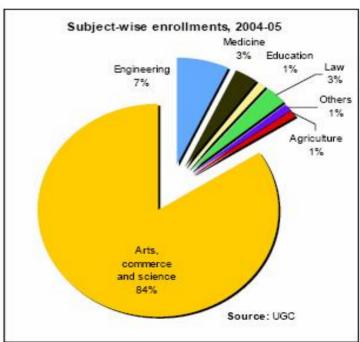


- India has only 7% of the total graduates with Engineering background
- India will face a shortage of 500,000 knowledge workers by 2010

***NASSCOM-McKinsey Report

Pool of talent:





Mitigating Supply chain constrains



Non engineering graduates

- wipro are Excelled.

 Higher intake of WASE proportion (3000-4000 in 07-08 against 1324 in 06-07)
 - •BSc graduates for TIS and Testing Services
 - Movement from WBPO to WT in a planned way

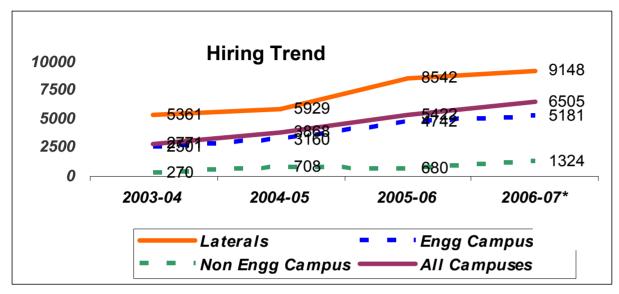


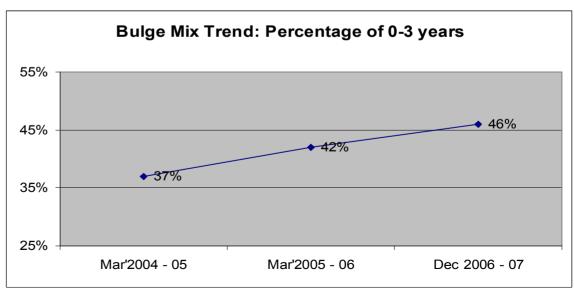
Other Sources

- Increasing the employability of engineering graduates (i2Connect, FDP, Fast Forward)
- Geo Campus hiring
- Centers outside India with cost advantage
- Leveraging acquisitions

Hiring patterns: overall composition trend







Scalability Enablers – Systems and Processes

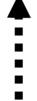




Shared Services 1.13 Million HR transactions processed last yr Processes 1127 employee queries per day



Services 66,000 Employees across The globe Efficiency in Recruitment

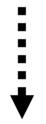


Web-Based
Resume
Database
Synergy & Offer
Generation
System





Employee
Self Help
Portal
Holds 98
applications



One stop shop For all Employee Needs Making Processes Productive



579 No. Of Lean Projects 520 Six Sigma Projects in 06-07 YTD



Sculpting World Class "Wipro Leaders"



EARLY OPPORTUNITIES

360 degree Feedback (WLQ)

TRAINING

Cross Functional Exposure

WINGS WITHIN

Succession Planning

20 plus CXOs 75 plus Vice Presidents Groomed in Wipro

Leadership Pipeline

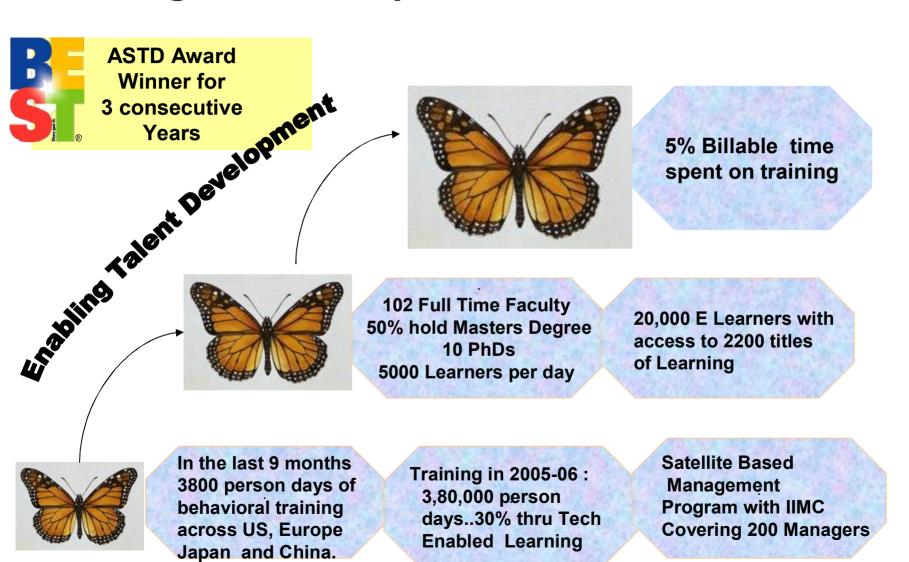
- ✓ 5000 Plus managers With Wipro for
- 5 10 yrs
- ✓ 600 Plus managers with Wipro for 10 - 25 yrs



Winner of
Dale Carnegie
Leadership
Award 2007

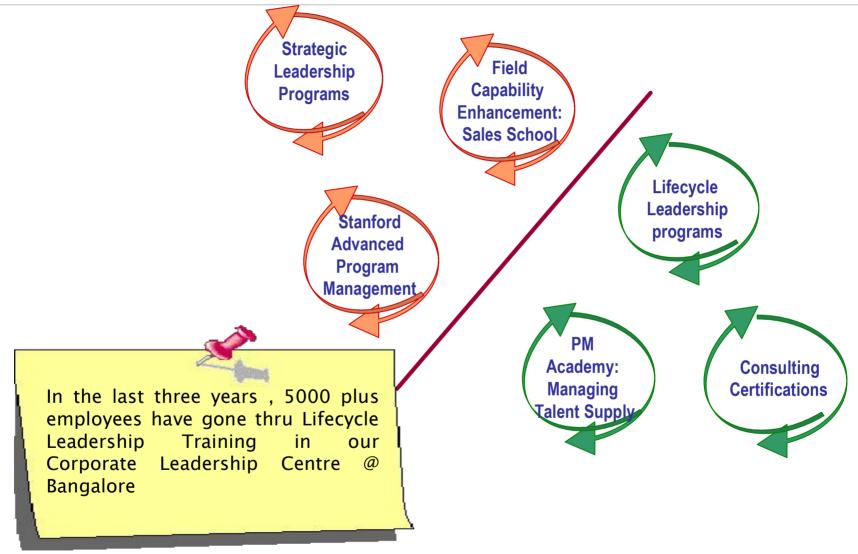


Learning and Development



Transforming Talent









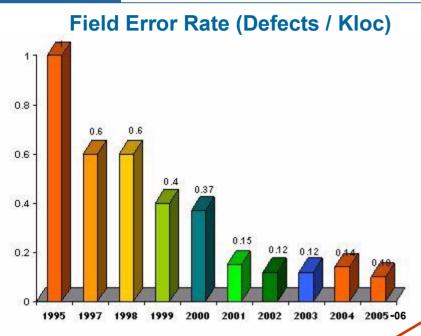
Enabling Global Process Leadership

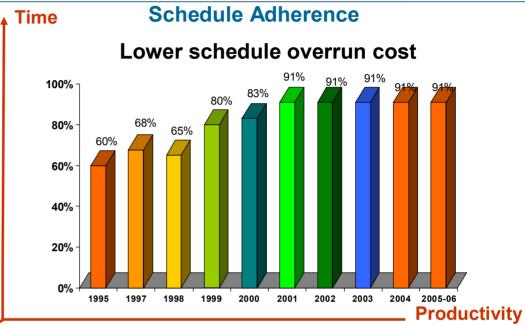
The Wipro Q-cult Journey

Sambuddha Deb Chief Quality Officer

Customers view of quality AD engagements



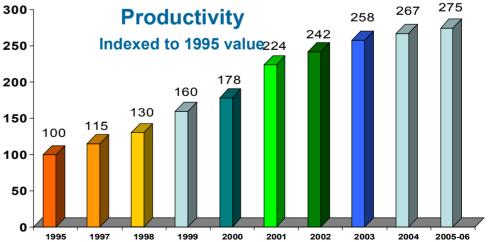






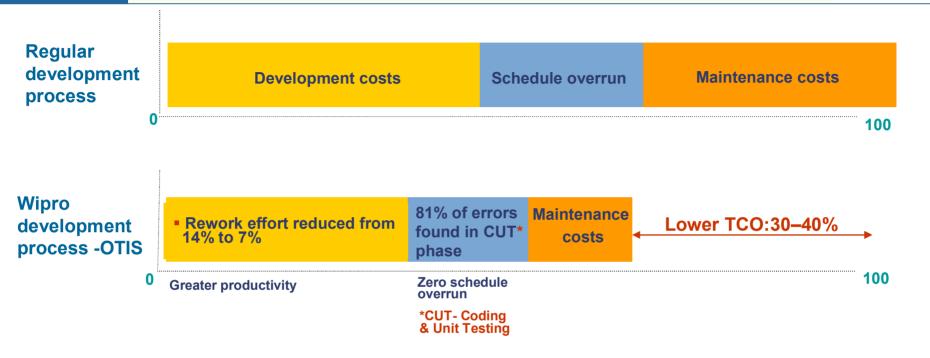
Defects

Lower development cost



Quality processes that ensure lower TCO





Higher productivity

37 % higher productivity than industry ratio*

Lower costs

Schedule adherence

91 % projects completed on time, industry average of 76%*

On time delivery

Post delivery defect rate

120 defects/MLOC 55% lower than industry*

Assured quality

^{*} Worldwide IT Benchmark report 2004 – META Group and Bangalore SPIN

Pioneering Quality Standards



2006

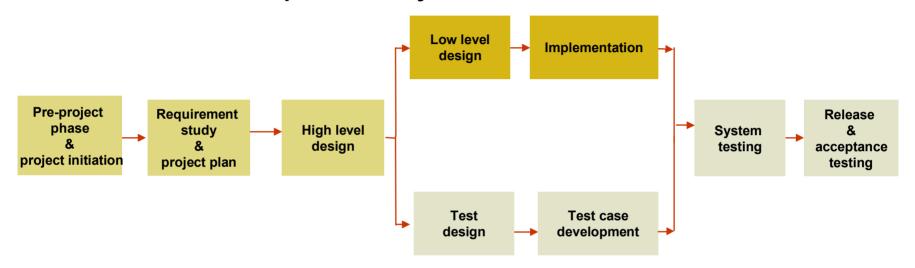
- 15,000+ employees trained in Six Sigma methodologies
- 204 certified black belts and 10 master black belts
- Over 700 PMI certified consultants, highest in India
- Lean techniques annlied to software

 Lean techniques applied to software Pioneers among Tier 1 Indian companies in establishing Agile capability 						CMMI 1.2	
Among the first few organizations in the world, to be globall certified at Level 5 of SEI's CMMI V 1.2 m released in Sep 06	The best in people processes World's first PCMM Level 5 company Industry-specific quality standards	2002 World's at Level CMMI ve BS 7799	5 of Software process achievement	Studied Toyota Manufact uring System) Lean Pilots	Global Assessment at Level 5 Domain specific standards · World's first Automotive SPICE · AS9100 · SW68		
ISO CMM 9000 Level – 3	CMM Level – 5	6 Sigma Methodologies for software	TL- 9000 PCMM Level 5	CMM ISO 2700	Award	Lean	CMMI 1.2 Level 5

Integrating six sigma in software development



Software development life cycle



Customer interaction

Rigorous design & implementation

T O O L S	VOCKano modelQFDBenchmarking	Concept generationPugh matrixFMEA	Design FMEACorrelationRegressionHypothesis testing	DOEOrthogonal arrays	
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OA Test result summary



Business Function	Factors	Levels	Total runs	Actual runs by OA tool
Hierarchy Library – Process	3	6, 4, 2	48	28
Hierarchy Library – Activity	3	6,4, 2	48	28
Hierarchy Library – Risk	3	9,4,4	144	43
Hierarchy Library – Control	3	9,4,5	180	45
Process Hierarchy - Process	3	4,2,4	32	23
Process Hierarchy - Activity	3	4,2,4	32	23
Process Hierarchy - Risk	3	4,2,4	32	23
Process Hierarchy - Control	3	4,2,4	32	23

236 test runs against 548 – more than 50% savings in testing

Next S Curve in Operational Excellence

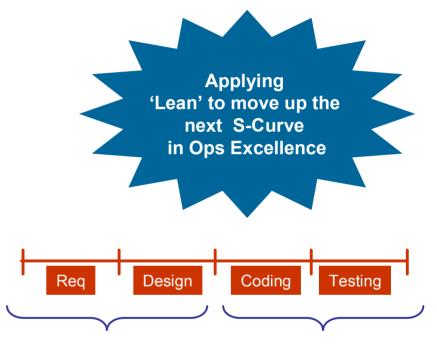


Context

- Omnipresence of CMMI & 6S
- Customer preference of risk sharing contracts
- Shift from technical to business metrics
- Need to improve/sustain margins

Lean in 'Wipro'

- Focuses on <u>cycle time & throughput</u> improvement without compromising quality
- Key principles:
 - Pull Deliver customer value earlier
 - Flow Wait states reductions, reducing handoffs, quick feedback
 - In station Quality to improve defect resolutions upstream
 - •500 projects till date



- Concurrent Engineering
- Early Feedback
- Pull

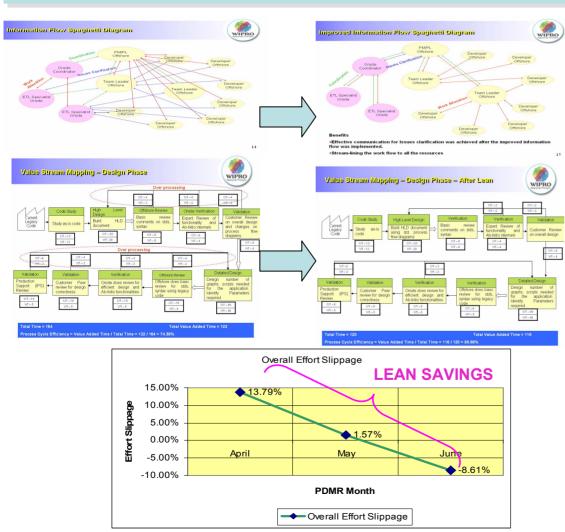
- Load Balancing (TAKT)
- In station Quality
- Continuous Integration
- Standardization
- Automation
- Test Setup Reduction
- Test optimization

Harvard Case Study on Lean Application in Software

Platform migration: Legacy to J2EE



- New Technology
- · High application complexity, long review cycles, wait times
- Project already over run during High Level Design



Large Banking Organization

Lean Tenets

- Value Stream
- Information Spaghetti
- Concurrent Engineering
- Resource Balancing

Effort Reduction:

The project was in 15% effort over run

Lean application helped in getting an underrun

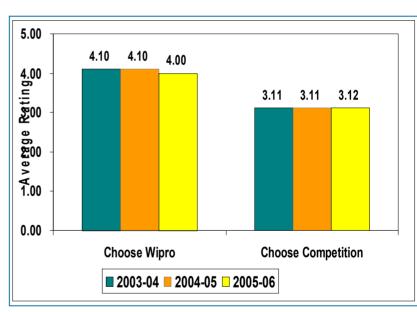
Customer satisfaction – We are not the only ones saying it







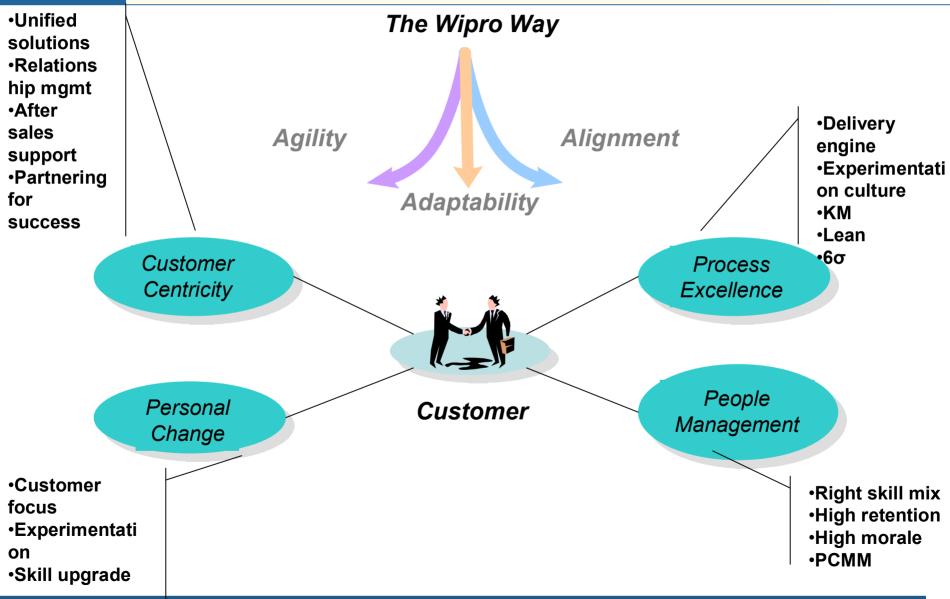
Loyalty Scores



Gap between Wipro and Competition sustains



Future - The Wipro Way





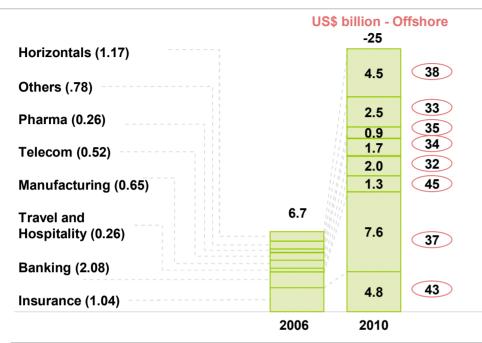


Wipro BPO Action Replay-Fast Forward

T K Kurien
President, Wipro BPO

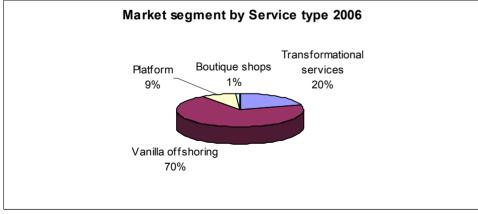
BPO: Where is the market headed?





Trends

- End to End/Transformational and Platform based services are expected to constitute 60% of the pie by 2010 (up from the current 29%)
- Customers demand a Global delivery model with a "follow the sun " approach.
- BFSI and Telecom followed by manufacturing and travel are projected to be the growth drivers for the future.
- F&A market projections upto 2010 has been revised upwards by 100% from the previous year .
- Outcome based pricing will become a key reality



Market Realities

Market is sharply consolidating in 4 specific segments.

- Global Providers with business transformation capabilities who go after Bespoke solutions
- Industry platform players who combine both platform as well as processing capabilities
- Offshore shops with focus around volume
- Boutique players

BPO Growth will be driven Increasingly by the need for Process efficiency and Re-engineering capabilities.

Transaction based model will become reality.

BPO: Strategic Implications

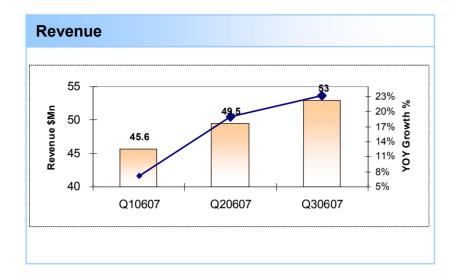


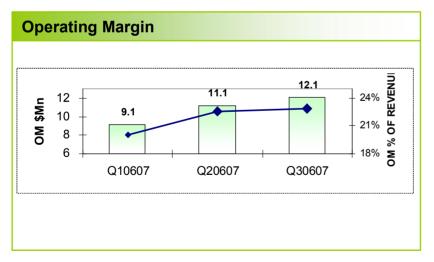
Strategic Implication	Strategic Implication		
Go to Market	 Integrated Solution Capability –Customer sees a solution not a wedge Current WT Sales force became the GTM arm. Wipro BPO Sales force restructured to provide Process Solutions 		
Competencies & Delivery	 Product approach to Industry Solutions -Creating Depth and Scale in few rather than many SLA linked to final out put move from FTE based numbers to outcome based events Follow the Sun Approach to Deliver services and building a globally scalable delivery model 		
Globalization of Delivery	 Romania is the first Global Site. Baby steps taken to Globalizing not only the Romanian workforce but also the Wipro BPO workforce Plan to have one more site by March 08 in the US time zone 		

Focused servicing of value chain with integrated solutions, scalable operations and Global footprint to drive growth

Financial Snapshot







Revenue

- · Revenue back on growth trajectory.
- YOY revenue growth increased from 7% in Q1 to 19% in Q2 and 23% in Q3.
- Change in mix of business from several small processes to lesser number of processes but more strategic.
- Pipeline indicates a future growth in non voice business.

Operating Margin

- Quality initiatives, productivity improvement and better utilisation of resources leading to consistent profit improvement.
- YTD Q3' 06 07 margins 200% of YTD Q3 '05-06 margins.
- Operating margin as a percentage of revenue stabilized at healthy number of 23%.

Revenue back on growth trajectory while Operating margin stabilizing at healthy numbers after significant/consistent growth

Thank you





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