ADDING MACRO VALUE TO MICROELECTRONICS

Powerful, innovative
solutions for the
semiconductor industry

Infosys®
Navigate your next
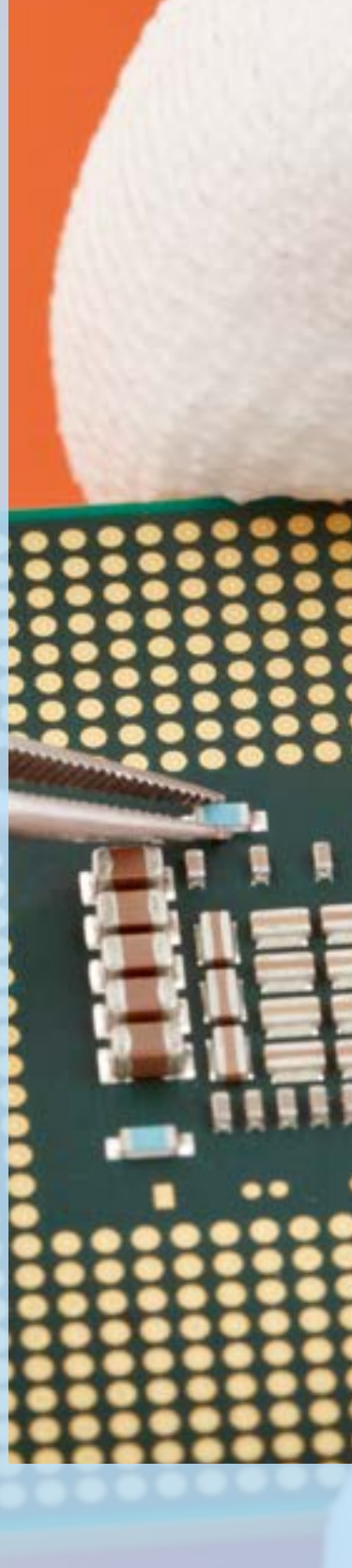
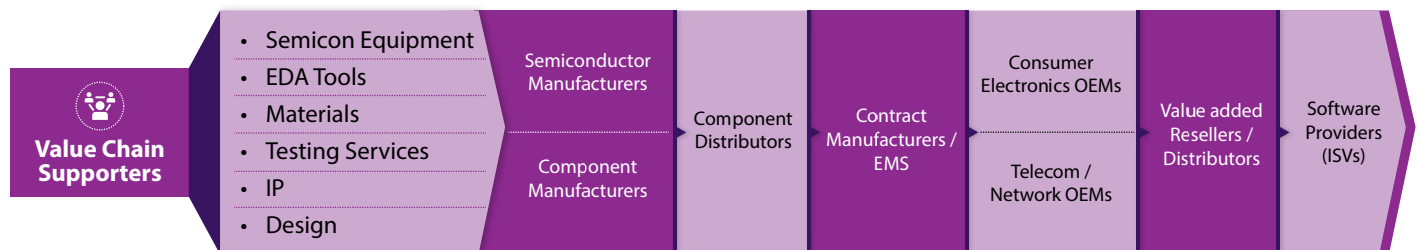## Managing accelerating change in the semiconductor industry

The semiconductor industry is intensely competitive, and differentiation is marked along parameters like timely product introduction and quality, power consumption, reliability, clock speed, performance, form factor, price, adherence to standards, and others. All industry players, including the world's largest chip maker are struggling to keep up with the pace of change in the semiconductor industry that is manifesting itself through four large trends, namely:

- Meteoric rise of new and game-changing companies such as Xiomi that requires semiconductor companies to develop greater market intimacy and agility

- Converse of the first trend; no longer are incumbents' market position guaranteed as is obvious from Blackberry and Nokia

- Innovation cycles continue to rev up fueled by startups and accelerators such as Playground Global and HAXLR8R

- Rapid emergence of new open source software and platforms that dramatically reduce the cost of launching new companies and products

To take advantage of these trends, semiconductor companies need to get early visibility into product usage and technology movement, broaden the ecosystem of suppliers and consumers, increase loyalty and stickiness within existing ecosystems, and improve lead identification, especially in the `long tail'.

Infosys high-tech practice has expertise across the semiconductor value chain

Value Chain Supporters
- Semicon Equipment
- EDA Tools
- Materials
- Testing Services
- IP
- Design

Semiconductor Manufacturers

Component Manufacturers

Component Distributors

Contract Manufacturers / EMS

Consumer Electronics OEMs

Telecom / Network OEMs

Value added Resellers / Distributors

Software Providers (ISVs)

We currently work with 11 of the top 20 high-tech companies, and 7 of the top 20 semiconductor companies are our clients. We have worked across the process model, from product engineering to customer service and corporate operations. For several of our clients, we have established joint go-to-market relationships on solutions we have developed using components and architectures.

Our offerings:
Empowering our clients across processes

Idea to product	Product to quote	Quote to invoice	Forecast to delivery	Delivery to support

- Ideation and co-creation
- Product lifecycle management
- Product engineering support
- Digital code signing service for internal and external developers

- Digital marketing platform implementation support

- Order to cash automation
- Management reporting and business intelligence
- End-end ERP upgrade and testing implementation

- Revenue and demand forecasting
- Indirect procurement spend analytics
- End-end procure to pay solution

- Technical support web management implementation

Hire to retire

- Cloud based HR platform implementation
- Salesforce incentive management

Education | training services

- Implementation of a technical learning portal

Information and technology services

- Design and implementation of application security assurance program for over 4000 apps
- Infrastructure management

Corporate support services

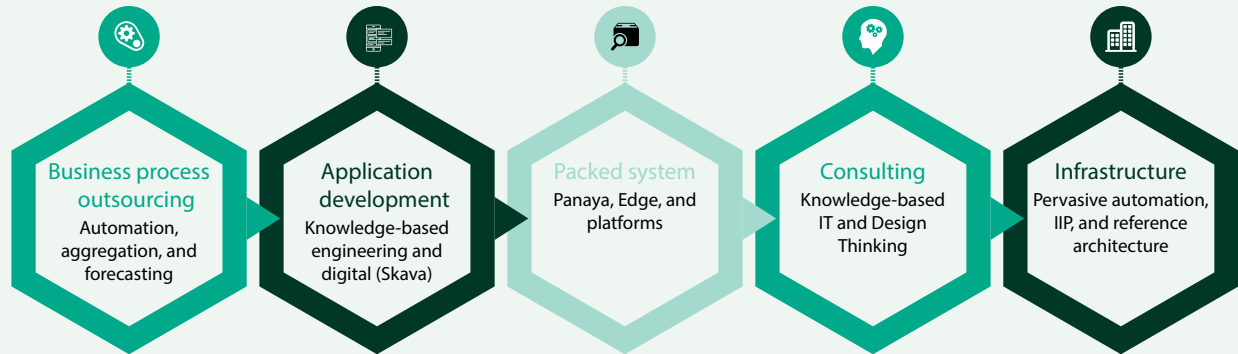- Market entry strategy, growth strategy and competitive benchmarking

Fostering innovation

We offer end-to-end services from management consulting to process outsourcing, bringing a culture of innovation in everything we do. We apply the power of 'Design Thinking' to define future operating models, processes, and systems. Through our unique 'Software + Services' model, we are able to deliver the best possible solution at the most attractive price point. Our repeat business is over 90%, a testimonial to our ability to consistently deliver top quality work.
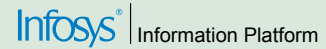
Our solutions:
Rethinking every service line, every platform offering

Business process outsourcing
Automation, aggregation, and forecasting

Application development
Knowledge-based engineering and digital (Skava)

Packed system
Panaya, Edge, and platforms

Consulting
Knowledge-based IT and Design Thinking

Infrastructure
Pervasive automation, IIP, and reference architecture

Our capabilities

- Cloud
- Mobility
- Engineering
- Big data and analytics

- Application development and maintenance
- Infrastructure management
- Independent validation
- BPO

- SAP services
- Oracle services
- AI and machine learning
- Business consulting

Infosys products and platforms

Infosys® **Finacle**

edgeverve
An Infosys company

Infosys® | Information Platform

Infosys®
Navigate your next

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