



S P A R S H



## CORPORATE PROFILE

High Quality Assured

Website

[www.sparshcommunications.com](http://www.sparshcommunications.com)



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## Company Profile

Sparsh Communication Pvt. Ltd., An IT company that started off about 22 years ago in order to provide top class services to our diversified clients from all over the world. With so many years of experience put behind us, we take pride in our quality, products, team and clients. We have grown with time as one of the most reputed on shore and off shore technology and business service providers around in the market.

We are based out of one of the world's finest IT hubs, Hyderabad, in the South of India, known for its rich culture and heritage.

Our aim is to make sure we do the most for our clients; therefore we listen to them, understand them and only provide them solutions that would benefit them in the long run. Our expert teams are upgraded with up to date knowledge on the various tools, technologies and platforms, which results in nothing but the best outcomes.



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## Our Services

Our intention is to make sure that we cater to as many domains as possible and try to live up to not only our clients', but our own set standards as well. Digital transformations and management systems that fulfils each and every requirement of the domain is crucial. Hence, Sparsh Communications does thorough R & D and work with professionals in each field to come up with best solutions in the following domains.



### WEB DEVELOPMENT

Your website portrays the message that you want to put across to the world. It is your company's picture to the outside and it is technology which made it happen. Therefore, making sure that you have a great, value based, robust and user friendly website is extremely crucial.



### MOBILE APPLICATION DEVELOPMENT

There is nothing that is not mobile friendly these days. People want everything at their fingerprints and we are here to bring just that. User friendly, robust and feasible mobile applications are something we develop, be it for any platform or operating system.



## Our Services



### BUSINESS APPLICATION DEVELOPMENT

People and companies these days are looking for an overall solution that tend to deliver hyper connectivity, real time modifications and personalization. These aspects are forming the foundation for the new age business applications which are being developed.



### TESTING SERVICES

Software testing is no child's play and we have proven proficiency in providing top class testing services for all sizes of organizations. The approach that we take is known as the Sparsh Testing Center of Excellence solution framework which enables the firms to realize.



### SYSTEM INTEGRATION

There are times when you might feel finding the right integration solutions partner can be difficult, but look no further, as Sparsh Communications excels in doing just that.



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## Our Services



### 3<sup>rd</sup> PARTY INTEGRATION

Technology always tries to make things more simpler and convenient, that is why we have software that are available which can be used as it is with some tweaking of course. Third party integration is nothing much using this already available software scripts into the applications as it helps save a lot of time and effort.



### CLOUD SERVICES

Cloud services have made sure they change the way whole computing world works. This revolutionary concept helps firms in developing applications that can be solely run on the cloud platforms.

[Sparsh communication](#) offers cloud services to aid their clients in developing new applications or transferring them to cloud services, as and when, depending on the requirements.



### SUPPORT SERVICES

Since technology is an ever growing area, there is always some fixing and support that is required to ensure everything runs smoothly. Support services could range from installation to troubleshooting and upgrades to migrations.



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## Our Services



### SEO/SEM (DIGITAL MARKETING)

Online marketing and promoting are the need of the day, considering the competition that we face largely in today's times. This is nothing but making use of various digital formats and signals in order to reach to out the maximum number of audience, to boost your business.



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## Our Clients



and many more...



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## Tools and Technologies



### WEB DEVELOPMENT

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### PHP DEVELOPMENT

PHP is one of the most preferred technologies when it comes to website development.

As it provides flexibility, scalability and is also secure, compared to others which are available. Being in the business for over 20 years, we bring in great expertise in PHP development through our agile methodologies.

Some of the expert solutions in PHP development that we provide:





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## Tools and Technologies



### ASP .NET DEVELOPMENT

By leveraging the Microsoft platform, Sparsh communication makes sure to come up with highly original .Net solutions for your web needs.

Our .Net experts are comprehensive and highly motivated to come up with tailor made highly efficient solutions over various platforms. .Net frameworks which our developed by our team with wide range of API set and strong programming models can be integrated smoothly into various business functions.



### RESPONSIVE WEB DESIGN

Responsive websites are the need of the day and we focus more on it, as they are user friendly. The information is put forward in such a way that it is optimal, with ease in navigation and reading. Sparsh has expertise in making smart responsive websites which are able to adapt to any device or resolution accordingly.



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# Tools and Technologies



## TESTING SERVICES



Functional  
Testing



Automation  
Testing



Performance  
Testing



Regression  
Testing



Compatibility  
Testing



Globalization  
Testing



Security  
Testing



Mobile  
Testing



Test Advisory  
Services



Database  
testing



Web API  
Testing



## SYSTEM INTEGRATION



Import to  
Cloud



Import  
applications



Integration  
solutions



Back office  
solutions



Web based  
solutions



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## Tools and Technologies



### Business Application Development



Requests



End to End  
solutions



Cloud  
application



Inventory  
Software



e-Learning  
Software



Management  
Information



Retail  
Management



Customer  
Relationship



Supply Chain  
Management



### 3<sup>rd</sup> Party Integration

- ✓ Google API
- ✓ Yahoo API
- ✓ Amazon API Demo
- ✓ eBay API Samples
- ✓ Twitter API
- ✓ Google Maps API
- ✓ WPF
- ✓ Silverlight
- ✓ Infragistics
- ✓ Dundas Charts
- ✓ Telerik
- ✓ Component Art
- ✓ DevExpress
- ✓ Payment Gateway
- ✓ Online Kiosk



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# Tools and Technologies



## Cloud Services



Cloud Assessment



Cloud Application



Cloud Application Migration



Windows Azure Application



Rackspace OpenStack



Force.com



Amazon EC2 Development



Google Engine Development



## SUPPORT SERVICES



End to end communication



Network management



System administration



Help desk assistance



## DATA SCIENCE



R Language



Hadoop



Python



SAS



# Tools and Technologies



## Robotic Process Automation

RPA technology is used by companies to perform the process automation. Software Bots (Robots) are used to automate the process

As of now, even though most of the processes in IT industry are automated, still there are multiple tasks that are performed repeatedly by humans (Full time employee) which causes the millions of dollars recurring expenses for the companies.

RPA has the ability to automate such processes so that the companies can reduce the number of Full time employee and those resources shall be used to perform most of other key business activities.

Most of the RPA tools that are available in the market can mimic the human interactions with web, windows, main frames etc.

### Key Benefits of RPA

- ✓ Increased productivity as it can perform the work of thousands of Full Time Employee (FTE)
- ✓ Reduce cost for organizations
- ✓ 99.9% of accuracy will be achieved
- ✓ RPA can help to perform large number of operations in parallel
- ✓ Easy to scale up or scale down the existing processes



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# Tools and Technologies



## Robotic Process Automation - Domains

### Banking



Help Desk



Compliance



Accounts Payable



Credit Processing

### Healthcare



Efficient Cost Management



Labor Savings



Patient Care and Health Plan Management



Data Entry and Migration



Patient scheduling



Claims Processing and Billing



Inventory Management

### Travel & Hospitality



Process Automation and Optimization



Compliance Management



Immediate responses to guests



Automated Room Booking



Reduced Time Spent on Data Entry



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# Tools and Technologies

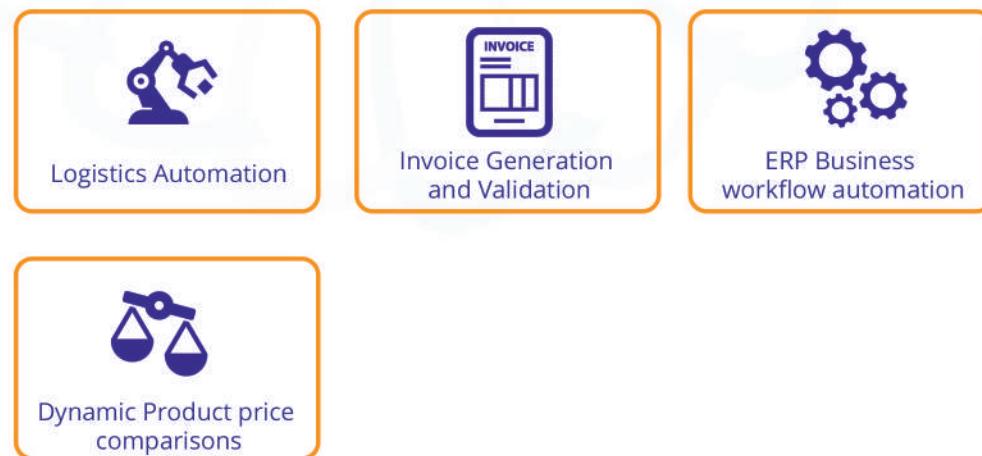


## Robotic Process Automation - Domains

### RPA in Retail



### RPA in Manufacturing





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# Tools and Technologies



## Robotic Process Automation - Domains

### Finance



Accelerate period-end processing



Maintain attributes across systems



Generate reports



Handle adjustments



Tax provisioning



Tax liability scenarios



Update master accounts and legal entities across systems



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# Tools and Technologies



## DOCUMENTATION



## POC DEVELOPMENT

- ✓ Prototype layout
- ✓ Architectural details of the project
- ✓ Defining the tools and technologies
- ✓ Defining the tests
- ✓ Building scripts to address concerns
- ✓ Analyzing the test results



# Tools and Technologies



## IOT and Big Data

According to a study by Gartner, the revenue that is generated from IoT-enabled services and products will exceed \$300 billion by 2020. This, however, is only the tip of the iceberg.

There is going to be a vast amount of data that IoT will generate, and in today's world, well-analyzed data is extremely valuable.

The impact of this will be felt all over the Big Data universe which, in turn, will force companies to quickly upgrade their current processes, tools, and technology to accommodate massive data volumes and take advantage of insights that will be delivered by Big Data.

### Big Data tools:

- |           |                        |
|-----------|------------------------|
| ✓ mnubo   | ✓ Predictive Analysis  |
| ✓ Harness | ✓ NoSQL Databases      |
| ✓ Swarm   | ✓ Search and Knowledge |
| ✓ Axeda   | ✓ Stream Analytics     |

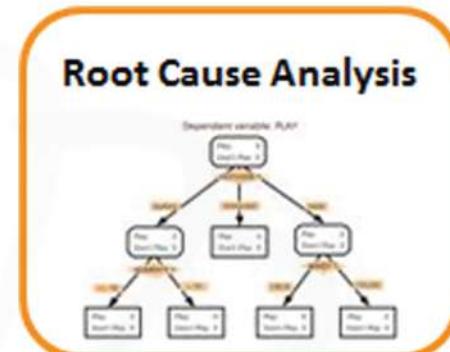


# Tools and Technologies

## DATA SCIENCE

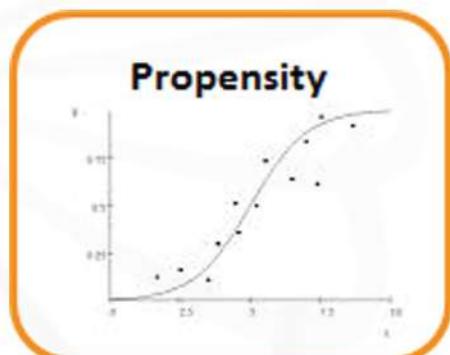
### Root Cause Analysis

Root Cause Analysis is a category of statistical methodologies used to identify Key Drivers



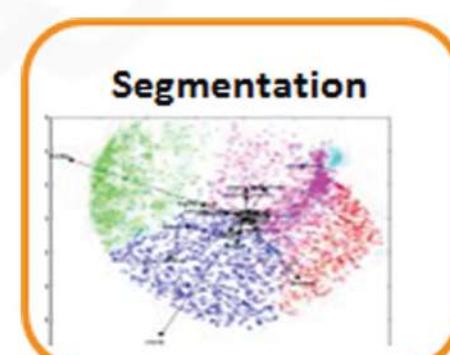
### Propensity

Propensity models establishes a mathematical equation to represent the interaction between different variables in pursuit of a binary target



### Segmentation

Segmentation is typically unsupervised modeling techniques to identify patterns, natural groupings or ways to classify data based on common characteristics





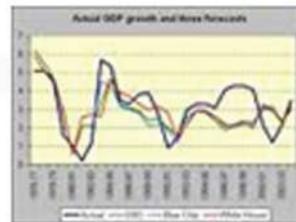
# Tools and Technologies

## DATA SCIENCE

### Forecasts

Econometric Forecasts provides a forward-looking estimation of a defined activity

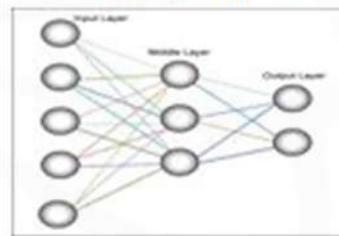
#### Forecasting



### Link Analyses

Link Analyses represent the interaction between different entities, which can be associated through various connections, such as common individuals, organizations, dates, and times

#### Link Analysis



### Text Mining

Text Mining leverages many mathematical and statistical algorithms to derive information from unstructured data

#### Text Mining





# Tools and Technologies

## DATA SCIENCE

### Survival Analysis

Survival Analysis analyzes time-to-event by measuring effects of variables on survival time. Can be used to quantify customer treatment efforts.

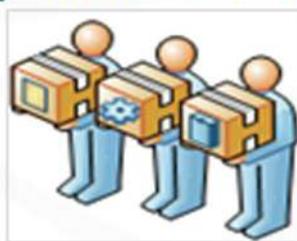
#### Survival Analysis



### Operations Research

Operations Research leverages mathematical and statistical algorithms to derive the best possible outcome based upon a defined target given specific resource constraints.

#### Operations Research





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## Case Study

### Apparel ERP Software

This is a complete, fully integrated order and production processing system for fashion manufacturers, wholesalers, importers, and distributors.

With this software, apparel businesses of ALL sizes can leverage a full suite of management tools that automate and enhance critical operations. This featured-rich system offers sophisticated tools to help manage all functions of apparel business such as our unique and customizable dashboards.

This software offers the easiest-to-use features including multiple windows, customizable reports, time and action, and fully customizable grids. The software system runs via the cloud as a hosted solution or can be purchased for deployment as an on-site solution. This software is built on the latest .NET platform and SQL database system.

URL: [www.aims360.com](http://www.aims360.com)

Domain: Apparel/Fashion



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## Case Study

### Data Analytics Software:

#### ANALYTICS

From the Loan Origination, Servicing, General Ledger, Collections, Wholesale and CRM systems, our single platform provides accurate REAL TIME, multi-dimensional data to every level of your enterprise.

#### RISK

A fast and accurate platform providing detailed results for your Risk Managers and Executive Management in real time.

URL: <http://jerichotech.com/>

Domain: Banking

### Service Desk:

#### 100% WEB-BASED SERVICE DESK SOLUTION

Layton Service Desk is a web-based ITIL help desk application incorporating the very latest Web 2.0 technology such as AJAX and ASP.NET. Built from the ground up, every feature and module has been carefully designed before being implemented. Literally hundreds of features are included, from ITIL Problem and Change management through to powerful reporting and analysis.

URL: <http://laytontechnology.com/layton-servicedesk/>

Domain: Help desk application.



## Case Study

### ERP for Pharma Organization:

#### Abstract:

Pharma, Healthcare, products follow cGMP, GLP, 21CFR Part11 Standards, Custom Development, Solution Architecture, T&M resourcing. Business Process Automation of a process industry and very well suited for Pharma, following are the modules

Production – eBatch Manufacturing Record, BMR report to submit to auditioning

QC – Worksheet automation & documentation

URL: <http://laptechnos.com/>

Domain: Pharma industry.

### IOT project:

360 view - View out of the window

### Technologies

- ✓ BLE
- ✓ Locks-Digital keys
- ✓ Bar code reader
- ✓ Facial
- ✓ IOT Hub
- ✓ Wireless devices



## Case Study

### MOBILE APPS

#### Yalla

Yalla is where you find what is happening around you when you are bored. With Yalla, you can organise fun activities with your friends in a very simple way. Yalla app is a gamified Platform where you can start by organizing private activities between you and your friends, and grow to be an organizer of Public activities that everyone on the app can see and join.



#### Wow

Wow app is an Online food ordering app where end users can order food at nearby restaurants and restaurants can register with wow to display their menu and get orders online.



#### Scan Plus

With Scan Plus, turn your iPhone and iPod Touch into portable scanners for documents, photos, paper notes, cards, whiteboards, receipts, invoices, contracts or any other kind of paper or text.





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## Case Study

### MOBILE APPS

#### AIMS360 RemoteLink

Take orders at trade shows, and send them to your back office and warehouse with a few touches. AIMS RemoteLink syncs with your main office when connections are available—so new orders can be taken, processed, and managed directly from your iPad. Swipe customer credit card using a Card Reader that connects to your iPad.



#### The Business Times for iPhone

Stay up to date with The Business Times for iPhone - the latest financial stories, local and global news that matters, and executive lifestyle trends.



#### My Sports Cast

MySportsCast lets users find, create, share or track what is happening at local or professional sports events. View the stream to see what everyone checked into the event is doing or broadcast your own photos, videos, or mini blogs of the event.





## Case Study

### MOBILE APPS

#### Field of Dreams

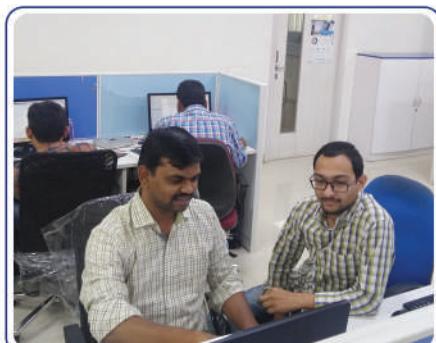
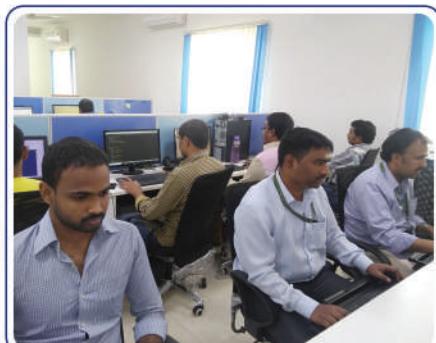
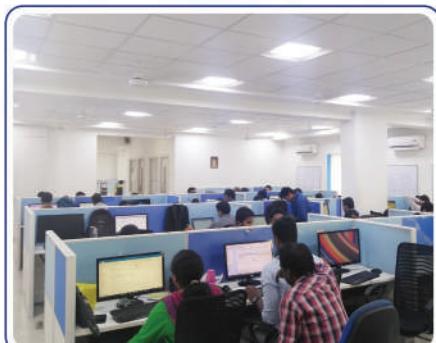
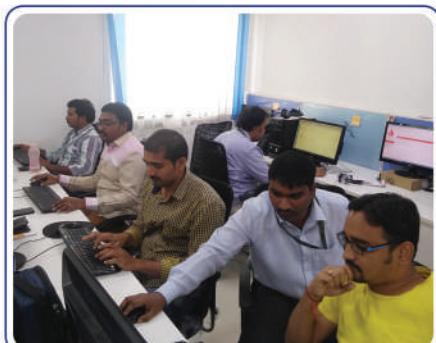
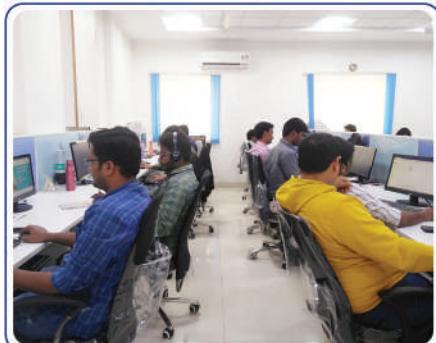
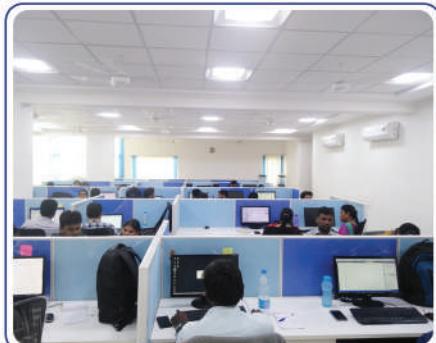
This game merges the fun of old-time baseball card collecting with modern baseball statistics. At the heart of the game is a database of over 50 years of actual player performance. To win games, you must be both the GM - to build your team - and the manager as you set your lineup to get more runs than your opponent. As you win games, you get All Start, MVPs, Cy Young winners for your team.





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## Office Photos





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