

AAR Technologies and Software Solution Private Limited

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We, the Rtizen, The team of AAR Technologies and Solution Pvt. Ltd.

AAR Technologies & Software solution (p) Ltd., a privately held organization located in Kolkata is Software Consultancy and Development Company that offers integrated solutions and services. At Rtizen we understand the needs and requirements of our customers and employ relevant technology and resources to meet their needs. Rtizen knows how to use technology and develop software that meets client's requirements and satisfies their business needs developing exactly what they need.

Our strength lies in a young and committed team that combines business acumen with technical knowhow. Our core competence lies in the delivery of world-class solutions that involve Web Applications, Desktop/Client Server Applications, Embedded Technologies, My Type ERP, Multimedia and Graphics Applications. We are also working for several US and UK based companies as their outsourcing development partner in various development spheres. This has enriched us with a broad range of solution development and consulting experiences at the international level as well.

Here you can learn more about the Rtizen:

Rtizen have experience in development and maintaining software in all project stages - from creation of large scale distributed aggregates to web site development. Our company provides all software life cycle services - from specifying goals and prototype creation to administration and support of created systems. We provide software development under all versions of Microsoft Windows, for UNIX and free BSD systems. We render expertise in both Microsoft and Open platforms-skill sets ranging from **Microsoft Visual Studio, C, C++, PHP, 4th generation language like C# / ASP.NET to Sun JAVA to machine level firmware and device drivers**. In our projects we make use of the wide spectrum of latest technologies.

Rtizen offers to its Customers simple and convenient rules that make working with the company both pleasant and predictable. Typical conditions are described here, although all rules can be modified according to Customer's wishes. Rtizen has adapted itself on both the development orientations - CDA and MDA to suit the customers needs and also are accustomed to project based and leased labour based development.

Rtizen have simple client interaction schemes and hence are ready to adapt to any kind of environments - at par with the latest trends and diversifying from the traditional SDLC to the Extreme Programming concepts. Rtizen believe in changing, while allowing the customers to feel free with their used to structures of working.

We achieve very high product quality due to a well-structured and elaborate system of work organization for our employees. The principal features of our work organization system are shown at our site so that our potential customers would understand how we achieve high product quality.



Why work with us?

Rtizen don't treat customers as parties' rather they like to do business as a family which does not end up in a single or time defined project but our relationship continues as we grow larger and larger in size.

The Key Advantages of working with us:

High Reliability. We have a well-organized logistics structure that makes it possible to use effectively the skills of these specialists. You can read about it in greater detail in Our Structure and Our Operational Procedures pages.

Moderate Prices. Rtizen employs only offshore specialists to implement the projects, so it is possible to offer relatively low cost and high quality services. The prices include full testing cycle the developed software by Software Testing department of our Company. If you're Company in a condition to offer long-term mutually advantageous cooperation, we are ready to carry out the first task at a discount of 10-15% to show you quality of our work. Please note that we offer much more bonuses than other offshore companies! We have discounts for web development projects, discounts for first project, and many more.

Wide range of services. Rtizen offers a very wide selection of services to create, modify and test software and Web sites. You can read about it in greater detail in Our Services page.

Speedy project implementation. Due to our strong creative resource we can form a large workgroup and implement your project in extremely short time interval. The distributed structure of Rtizen makes it possible for the Company to quickly adjust to the current client needs (size and number of workgroups, etc).

High degree of confidentiality. Very simple scheme for customer interaction. Our system of client relations is designed to make it as easy as possible for a client to work with us. Marketing research provided by our specialists confirms the effectiveness of this system. You can read in greater detail about our scheme of customer interaction at the Client Interaction Procedures page.

Constant working resource availability. Due to our distributed structure the Company has practically always a certain number of available specialists ready to start new projects.



Typical Conditions for Our Customers:

Confidentiality	Data Security
Property Rights for Produced Materials	Order Analysis
Interaction with a Customer during Order Execution	Result of Order Execution
Warranty and Product Maintenance	Order Payment
Our Prices	Special Bonuses
Cumulative discounts	

Service Offerings

Our company specializes in the development of sophisticated client-server systems to be used in global Internet or Intranet networks. We deal among other things with internal workflow systems, online storage & backup technologies, and online databases of any complexity (including distributed servers). Special attention is paid to security considerations for such systems.

Layout and Design of Web Sites (E-commerce Systems)

Design of web sites (layout, graphical design, programming of complex functions) is a priority direction in the work of our company. We are in the possession of several "know-how" technologies to ensure fast layout of web sites that are identically displayed in all major OS and browsers. Our company is very experienced in creating different extra functions for web sites of any complexity - from sophisticated animation design to complex statistical and e-commerce systems.

Development of Complex Systems under Windows

We have the Extreme experience in the development of various software under Windows - from sophisticated distributed deeply integrated client-server systems to simple programs to be created in a very short time frame. Our specialists know very well all particular features of all Microsoft OS; they are experienced in device driver and shell extension development, usage of various SDKs and third parties APIs. We also spent quite a lot of time developing sophisticated multimedia user interfaces and image processing technologies.

Software Testing and Quality Assurance

Our company has a testing department that provides testing of all products developed by us. Besides, we offer our customers to outsource to us the testing of their products. We have large



experience in testing system utilities under Windows and Linux systems, and also in testing hardware/software aggregates, sophisticated antiviral programs, online systems and web sites.

Development areas we cover under service:

- ❖ Web Application Development
- ❖ ERP Solution Development
- ❖ Portal Development
- ❖ Software Based Accounting Solutions (E-accounting/ E-commerce)
- ❖ Website Development (with and without using CMS)& Web Presentations
- ❖ Computer Based Tutorials/Web Based Tutorials (CBT/WBT)

AMC and Support:

<ul style="list-style-type: none">• Desktops	<ul style="list-style-type: none">• Servers
<ul style="list-style-type: none">• Printers	<ul style="list-style-type: none">• Hub
<ul style="list-style-type: none">• Switch	<ul style="list-style-type: none">• Router

ITFMS: (Windows, Linux):

Server Management	Mail Management (Send Mail, Zimbra, Exchange)
Asset Management	Helpdesk Management
Event Management	Availability Management
Vendor Management	Security Management

Human Resources:

Management Team

Founder Member:

Arindam Nath (9+ years' exp)

Avik Sarkar (9+ years' exp, Ex- PWC)

Advisory Board:

Anjan Sarkar (Banker for 35 + years)

Anup Kumar Gangopadhyay (Admin experience of 30 + years)

Priyanka Deb Sarkar (Legal)

Technology Team:

Arindam Nag (15+ years' experience in Technology Consultancy to Philips, Indian Army)

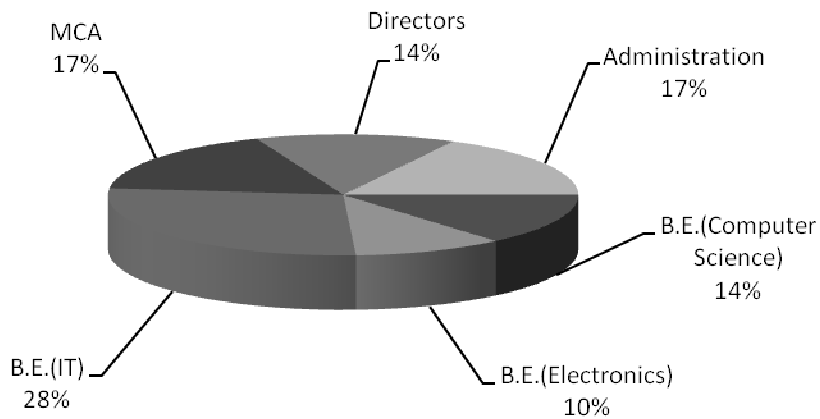


Saurov Kanti (9+ years' of exp in Embedded Technology, Co owner of 2 Intellectual property)

Employee Strength:

Our present employee strength is 25, from which 20 are technical employees and rest of the 5 are administrative employees, average qualification of technical employees are BE, B. Tech, MCA.

Human Resource Chart



Software competencies:

The team of young and dynamic Rtizen can confidently handle the following software:

• Operating system

- ❖ Linux
- ❖ Windows Vista/XP/2008/2003/2000

• RDBMS Platform

- ❖ ORACLE
- ❖ MS SQL Server
- ❖ PostGreSql
- ❖ My Sql

• GUI Environments:

- ❖ VISUAL Studio 6
- ❖ Jbuilder



- ❖ VISUAL Studio .NET
- ❖ Eclipse
- ❖ PHP Triad
- ❖ NetBeans

• Tools & languages:

- ❖ C
- ❖ VB 6
- ❖ C#
- ❖ VB .net
- ❖ C++
- ❖ ASP
- ❖ VC++
- ❖ PHP
- ❖ Assembly
- ❖ JSP, Java Swing

• Multimedia Technology

- ❖ Director
- ❖ Dreamweaver
- ❖ Flash
- ❖ Freehand
- ❖ Flex
- ❖ Photoshop
- ❖ Sound Editing Software
- ❖ Corel Suit

Major Projects done by Rtizen Team

1. Project Name:- Queue Management System

Client Name: - Apollo Hospitals, Kolkata

QMS is a comprehensive Queue Managing Solution that not only manages queue but also keeps track of every relevant data for future analysis. The said system will work as a facilitator for customer satisfaction as well as management tool for capturing data, managing them and finally producing MIS reports. The main objective of the system is to reduce wait time and utilize the same for more business hours.

We have used output devices such as LED devices, Plasma TV and PCs as well. Multiple reports can also be fetched from this system from which business decision may be taken.

Language : JSP, AJAX, Flex, C, Visual Basic, Assembly Language
Database : MS Sql Server 2000
Browser : IE, Firefox

2. Complain Management System (Co maker- Principal)

Client Name: - Philips Electronics India Pvt Ltd

This system is designed for complain tracking for particular customer between company and its co-makers. When a particular complain comes from a customer, administrator or



authorized person from the Principal company will enter the complain details along with co-maker name in the system. A system generated mail will automatically send to that particular co-maker against whom the complain has been lodged. On the other hand from the co-makers end their supply quality manager can also update on the same. He can upload and download files. System can calculate co-maker response times as well as action taken time and problem solving time for a particular complain.

Language : PHP+ AJAX
Database : MySQL
Browser : IE, Firefox

3. Web Based Logistics system

Client Name: - Philips Electronics India Pvt Ltd

The system developed under web Based Technology. Main objective of the system is to track the goods in transit and the total logistics as a whole. Hence, The Principal Company will place allocation against the co maker online and the co maker create their challan on that basis. Based on that the GIT (goods in transit) will be calculated. Zone wise report is also accessible. The authorized user can use the software in anywhere in India to suit their needs based on their access rights. Also can retrieve and send information parallel in any origin as per their requirement.

Front End : ASP+ AJAX
Database : Sql Server 2005
Browser : IE, Firefox

4. Communication Statistics System

Client Name: - Indian Army

This system communication devices status are maintained and based on that report shows the connectivity status between different locations.

Front End : PHP
Database : My Sql
Browser : IE, Firefox

5. Project Name: - Centre Management System

Client Name: - IIJT Education Limited

Covering a huge area of operations in E&T Industry, USP of this system is getting the data online from different geographical locations and consolidating it in the head office.

Environment:-Windows/Linux
Technology:-JSP, Struts, Jboss, PostGre Sql

6. Project Name:- Sales Tool Box

Client Name: - Siemens PTD, Thailand



Knowledge Hub for sales force and at the same time presentation making tool

Environment:-windows environment

Tools Used:-Visual Basic 6 in front end, ms access and SQL Server at back end

7. Project Name: - EDA

Client Name: - Flakt Woods (Industrial fan division)

Aimed at simplifying complicated industrial drawing modifications just by using a simple interface which is used for parametric changes which ultimately changes the drawing

Environment:-Windows environment

Tools Used: - Visual Basic 6, Solidedge (for drawing), and SQL Server

8. Project name: - MyType ERP (Microsoft Technology)

Client Name: - Kaushalya Infrastructure Limited

Covering a huge area of operations in Construction Industry, USP of this system is getting the data online from different geographical locations and consolidating it in the head office.

Environment:-windows environment

Tools Used:-ASP.NET,C#,SQL Server

9. Project Name: - Web Based Design acceptance and electrical circuitry layout system

Client Name: - Electro Plast Inc. USA

A Web Application to take down client design specs, do calculations on inputs and generate electrical and heating element layouts for the input design specs. The complete operation is to be done online in a single flow.

Environment:-Windows/Linux

Tools Used:-Java/J2EE, JBoss, My SQL and AutoCAD.

10. Transit Camp Automation system

Client Name: - Indian Army

This system is a camp management automator; it worked as a management tool for the transients coming to the camp going from the camp as well as stores and ration indent management.

Environment : Windows XP, Windows 2003, Linux

Technology : JSP (struts framework) POSTgreSQL

11. Portal for Farmers

Client Name: US based company (Manplan)



Here farmers can make their own composition of fertilizers and use others and can exchange knowledge over the net...this works with a desktop solution which works with its web version

Environment : Browser based, Windows/Linux
Technology : ASP, MS SQL Server

12. Total ERP Solution for Manufacturing Industry

Client Name: Maraica Industries Limited , BDJ Stamping Industries Limited

This is a small my type ERP for Manufacturing Industry those who are looking for cost effective solution for their automation. We have covered all the process starting from purchase to Accounts in this system.

Architecture : Web based 3 tiers
Front End : ASP.NET+ AJAX
Database : MS SQL Server 2005
Browser : IE, Firefox

13. File Management System for Medical Insurance Claim Processing BackOffice

Client Name: Lastpeak Data

This is a document management and file tracking system for Medical Insurance Claim processing where Data Entry, QA levels are maintained and logs are saved regarding a specific document. Extensive Search Options are also available.

Architecture : Web based 3 tiers
Front End : JSP + AJAX
Database : Oracle 10 G
Browser : IE, Firefox

14. Online Test and Result Analysis Tool for Gre/CAT/any other multiple choice type exam

Client Name: Oldmonkstaff

Online test taking and result analysis tool having extensive user and question paper management facilities.

Architecture : Web based 3 tiers
Front End : JSP+ AJAX
Database : Postgre SQL
Browser : IE, Firefox

Development of Interactive web sites



Our Rtizen have developed websites for various types of industries, products & services both for the domestic & overseas customers. In this era of intense competition, web sites designed by an Rtizen stands out by virtue of their high quality & affordable prices.



Some of the selected clients for whom Rtizen have developed their web presence.

- ❖ www.ijjt.net
- ❖ www.ijjt-finance.net
- ❖ www.ijjt-retail.net
- ❖ www.ijjt-infotech.net
- ❖ www.ijjtstudent.com
- ❖ www.kaushalyainfrastructure.com
- ❖ www.parulprakashani.com
- ❖ www.bengalkdc.com
- ❖ www.sukumarduttaandassociates.com
- ❖ www.hindu-school.com
- ❖ www.rhs-services.com
- ❖ www.netajisubhasfoundation.org
- ❖ www.folkonline.net
- ❖ www.theindiantourism.com
- ❖ www.subhankar.com
- ❖ www.fmjf.com (Montreal Jazz festival, Canada)
- ❖ www.thermonde.com (USA)
- ❖ www.recruitopiacorp.com (USA)
- ❖ www.calientesystems.com (USA)
- ❖ www.tricityplastics.com (USA)
- ❖ www.rewardhits.com (USA)
- ❖ www.sunshinetoursindia.com
- ❖ www.chhou.org
- ❖ www.settsan.com
- ❖ www.subhankar.com
- ❖ www.indiaguidetours.com
- ❖ www.cadworld-aces.com
- ❖ www.duttaeximconsultant.com



- ❖ www.decointernational.com
- ❖ www.livosin.com
- ❖ www.trconcepts.com (USA)
- ❖ www.absolutesolution.net
- ❖ www.pitambarifashions.net
- ❖ www.mcapl.org
- ❖ www.bionicheinc.com
- ❖ www.smer.in
- ❖ www.msti.in

Product Lines:

Prescribe	It's a solution for Doctors for keeping patient database, Patient history, and medicine list and get print out of prescription.
	TestMate is a test engine that enables faculties to create subject based questions papers and test their students in a multiple choice or true/false setup. The students in turn can analyze and compare their scores against their earlier performances and also against the performance of other students. This application can be used both as online or offline and it has been developed in free source using JAVA, PostgreSQL. To add to the user's convenience, the application can be run on both WINDOWS and LINUX.
	TIS, a DATAWAREHOUSING application developed for the Travel & Tourism Industry which is basically a repository of an organization's electronically stored data to facilitate reporting and analysis. Many references to TIS use this broader context. Thus, an expanded definition for Tourism Information System includes business intelligence tools, tools to extract, transform, and load data into the repository, and tools to manage and retrieve metadata. This has also been developed using open source tools and web architecture for user convenience.

Our Clientele:



Domestic

- ❖ Philips India Limited (BULUM)
- ❖ Philips India Limited (BULE)
- ❖ Indian Army (on behalf of Milestones)
- ❖ IIJT Education Limited
- ❖ Kaushalya Infrastructure Ltd.
- ❖ Ranbaxy Ltd
- ❖ Apollo Gleneagles Hospitals Ltd.
- ❖ Indian Tourism Pvt. Ltd.
- ❖ Allen Laboratories Pvt Ltd
- ❖ International Combustion Ltd.
- ❖ Maraica Industries Limited
- ❖ Pitambari Fashions Pvt Ltd
- ❖ Lastpeak Data Private Limited
- ❖ Bioniche Inc
- ❖ Subject Gre
- ❖ MSTI
- ❖ IMPS College of Engineering and Technology
- ❖ Webel Technology Limited (Under Sub contract of WTL enlisted vendor)
- ❖ Intelligence Bureau (Through WEBEL)

Overseas

- ❖ Siemens PTD (Thailand)
- ❖ Warmfloor Inc (USA)
- ❖ Insight 101 Inc. (USA)
- ❖ Data InfoCom Inc. (USA)
- ❖ Tricity Plastics (USA)
- ❖ Thermonde (USA)
- ❖ Recruitopiacorp Inc. (USA)

** This is not an exhaustive list.