



INTEGRATED PATH
BEYOND TECHNOLOGIES

COMPANY PROFILE



Welcome to INTEGRATED PATH

Beyond Technologies

Bottom line of the company philosophy is building a long-term business partnership with its clients where interpersonal relationship, reliability, assured quality and target oriented modern technology are the major building blocks.

We constantly strive to be a leading technology firm with profound business and functional knowledge.

Who WE ARE



Integrated Path is a leading IT solutions provider and systems integrator based in Baghdad - IRAQ. We have extensive experience in many diverse areas of software development, hardware supply and implementation, cloud solutions, hosting service and advanced technologies. Our experienced staff of professionals have worked with a wide array of platforms, languages, and tools and met the customer's satisfactions and business goals.

Integrated Path provides one stop automated solution for your trade and industry. Depending on the size and field of your organization, we have different products and services to meet your requirements. We provide the optimum and customized solutions made for your organization. Integrated Path is focusing exclusively in high quality and cost-effective software development and implementation of services. We are advancing on a tremendous pace and with involvement of skilled and experienced people working in the organization.

The company has been formed by a group of professionals having vivid experience and wide exposure in Information Technology. People involved here are qualified business leaders and qualified engineers from the well-known universities across. The resource personnel working in the company have been consistently providing reliable support services and consultancy to a wide variety of corporate entities either in the capacity of executive or as business partner or consultant. Bottom line of the company philosophy is building a long-term business partnership with its clients where interpersonal relationship, reliability, assured quality and target oriented modern technology are the major building blocks.

It is a company where professionals from both technical and functional field group together with an objective of providing appropriate business solutions. It realizes the importance of functional knowledge and its impact in developing business solutions. We constantly strive to be a leading technology firm with profound business and functional knowledge. The key to the company's success is the maintenance of a close working relationship with the clients through ensuring the best possible solutions to their needs; to establish and maintain a thorough knowledge and understanding of client's objective and help them maximize the benefits.

We want to establish ourselves as the best choice in Computing and Information Technology Services, Consultancy and Development by offering the full spectrum of services. Integrated Path is an official partner for Microsoft, Dell EMC, Odoo, McAfee, Fortinet, Vmware, Veeam, Ameyo, RansNet, Edimax and SolarWind





What WE DO

Quite simply: we develop advanced and integrated solutions. However, unlike most information technologies and software companies, we realize that's only part of the job. We don't just write code. We develop professional software. This is why our clients choose Integrated Path. Many companies can find programmers to generate code. However, few have the experience to produce professional quality software. Not only this, we provide hardware implementation, project management, IT outsourcing, ERP Solution, information and data security solution, control solutions, consultancy and technical support services.

Our ability to develop code is only the beginning of our capabilities. Being 'integrated' firm, is able to provide our clients with a variety of services. A few of the services available from Integrated Path include:

- Cloud Computing.
- Datacenter Design, Implementation, Operations and Support.
- Hardware Supplying.
- Software Development.
- Software Licensing.
- IT Infrastructure.
- IT Outsourcing.
- IT Consultancy.
- Internet of Things.

- Business Processing.
- Information Security.
- Networking.
- Power Solutions.
- Arduino Solutions.
- Voice Services.
- Customer Experience Solutions.
- Marketing Systems.
- Educational Systems.
- Financial Systems.

- Website Development.
- Project Management.
- Business Intelligence.
- Mobile Applications.
- Door Access Systems
- Attendance Systems
- Enterprise Resource Planning
- QueueMangement Solution
- CRM Solution

Area of EXPERTISE

Integrated Path consultants have experience in many different aspects of the development process. Because we are a system integrator, there are no limits on what projects we can undertake. It is this ability that has enabled IntegratedPath to accumulate experience in so many diverse areas. Main Strength of Integrated Path lies in the blend of professionals, specialized and highly focused operation. Increasing customer's awareness is the strength where it excels over

its competitors. Our strength lies in our ability to blend current management practice and IT expertise into cost-effective Computer Aided Management Solutions, Products and Services. Integrated Path understands the need for skill transfer to client personnel. Our offers cover the following major areas:

- Application Design, Development, and Testing (GUI, Database, Etc.)
- Web-Enabling Applications
- Engineering, Scientific, and Data Collection.
- Semiconductor EDA Applications.
- Microcontroller Applications.
- PLC Applications.
- Arduino Applications.
- Neural Networks.
- Point-of-Sale and Business Services Systems/ Applications.
- System Architecture and Implementation.
- Client/Server Applications and Distributed Systems.
- Systems Integration.
- Platform Migrations and Code Porting.
- Object-Oriented Design and Analysis.
- Project Management Consulting.
- Technical Documentation and Training.
- System analysis
- Business process reengineering
- Process development localization
- Customized and target oriented Workflow design
- Specialization in Client / Server and Internet / Intranet application and technologies
- Automation of Financial Institutions, Telco-Operators, Electronic Medias & Business Institutions with the latest development
- Customized software development as ancillary product for deployed international software
- International software deployment - product development localization
- Network Monitoring/ Network Management Support
- Network, Security & Threat Management Solution
- Enterprise Server & Storage Solution Hardware at competitive price
- Desktop maintenance and support
- Server maintenance and support
- Production operations
- Disaster Recovery and Storage Management Solution
- Power Solution.
- Enterprise-grade LAN Cabling.
- Infrastructure Management Solution.
- Data Centre Operations and Service Delivery.
- Business Intelligence.
- Project Management.
- Change/request implementation
- Project support
- Standby support
- Web based support & solution development
- E-business solutions
- Data conversion & data entry
- Overall automation consultancy
- Video & Audio Conferencing Solutions



No matter what your development challenge is, Integrated Path's consultants are a valuable resource. Languages, Platform and Tools:

Another advantage of providing custom services is that Integrated Path's consultants have gained extensive experience with a wide variety of languages, platforms, and tools during the course of our projects. In addition, Integrated Path's consultants have become experts at adjusting quickly when faced with new development environments. We are able to rapidly "come up to speed" on existing projects. The following lists just a few of the languages, platforms, and tools with which we have experience.

- . **Frameworks:** CRMs, Visual Basic, Visual FoxPro, PowerBuilder, and more
- . **Platforms:** Windows, Unix (Linux, HP-UX, Solaris, SunOS, AIX), Handhelds (Windows CE, PalmOS), DOS, OS/2, VMS, MacOS
- . **Database Engines & APIs:** ODBC, JDBC, SQL, Oracle, Access, Paradox, Delphi, dBase, CodeBase, SWIG, and more
- . **Tools & Methodologies:** Microsoft MFC, ATL/COM, DDE, OLE, DLL, VBXs, OCXs, USB, RS-232, and more
- . **Networking:** Wireless, VOIP, Telephony, LANs/WANs, TCP/IP, Windows Networking, Novell; DNS, NIS, VPNs, VNC, and more.

General Languages:

C#, C++, C, Assembly, Lisp, Skill, Pascal, Tcl/Tk, Tix, Perl, Python, Swig, shell scripting, and more

Web Technologies:

NET, XML, HTML, CGI, Java, JSP, J2EE, J2ME, ASP, VBS, Web Servers, Mail Servers, Firewalls, IIS, Apache, Qmail, Tomcat, PHP, MySQL, and more

Frameworks:

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Platforms:

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Windows Experience: In the Windows applications arena, Integrated Path developers have written applications since the first release of Windows 2.x. We know the operating system and have extensive experience with the fundamentals of Windows development. Integrated Path developers have worked on everything from personal nutrition software to GPS satellite tracking systems during the course of our development experience. Integrated Path has implemented countless applications, utilized all aspects of the MS Windows environment (such as ODBC, DDE, OLE, DLLs, drivers and threading), and has gained experience with all the major integrated development environments (IDEs, such as Visual and Borland) In past projects, Integrated Path has ported applications, interfaced with external hardware (scanners, data collection devices, Etc.), and implemented distributed network solutions.



The first step to developing a Windows application is designing the graphical user interface (GUI). An effective GUI is critical to the acceptance and success of any Windows application. Failure to produce an effective GUI will kill even the best application. Integrated Path has years of experience in GUI design, both for the Windows operating system and others. Integrated Path consultants work very closely with our client to design the best GUI possible for their specific application. Integral to the design of the GUI and the remainder of the application is the choice of development tools.

Windows application development takes many forms. Integrated Path works with its clients to determine the most cost-effective solution given their needs. Depending on the client's requirements, Integrated Path will either recommend a high-level framework application structure (such as Visual Basic, Power Builder, or Visual FoxPro), or a lower-level development tool (such as Visual C++). The benefits of higher-level frameworks include decreased development time, rapid prototyping, and lower costs. The trade-offs are lack of flexibility, larger overhead, and limited features. Integrated Path has the experience to help our clients make the right choice and strike the proper balance.

Web Experience: Although Windows and Web development share many common traits (GUI design, backend database hooks, etc.), there are also many significant differences in the underlying application architectures that one must fully understand to create a successful Web-based application. Skilled consultants in Integrated Path have gained this type of experience through our projects in both the Windows and Unix environments. Integrated Path has Web-enabled existing applications, developed numerous Web-based systems, utilized various backend databases, and setup/administered: Web servers, email servers, FTP sites, and firewalls. The Web development market is a fast-paced environment where technology is always changing.

Integrated Path has a highly specialized experience needed to support web development and CMS development requires the developer to have a unique combination of a strong engineering foundation as well as solid software development skills. To get this combination, companies traditionally either train their engineering staff internally, or hire independent contractors on an as-needed basis. Training staff internally requires time that is often not available due to the fast-paced changes in technology proportionally. Hiring independent contractors is often a gamble.



Processes

- Library Characterization
- Simulation and Modeling
- Floor planning, Timing & Budgeting
- Logic Verification
- Synthesis
- Automatic Place and Route (APR)
- Layout Parasitic Extraction
- In-place Optimization and Back-annotation
- Static/Dynamic Timing Analysis
- Physical Verification



Technologies

- System-On-Chip (SoC)
- Application Specific Integrated Circuits (ASICs)
- Digital Signal Processors (DSPs)
- Very Large Scale Integration (VLSI)
- Very Deep SubMicron (VDSM)
- Cadence TestBuilder Verification Reuse Methodology (VRM) and Transaction Verification Modules (TVMs)
- Programmable Logic Controller (PLC)
- Automatic Transfer Switches
- Power Electronics



Language

- RTL, SPICE, VHDL, Verilog, Verilog
- PLI (Programming Language Interface), ALF (Advanced Library Format), Synopsys Library Format, IBIS (I/O Buffer Information Specification), Mentor's Ample Language, Unstructured Database, and others.
- C++, C, Assembly, Lisp, Skill, Pascal, FORTRAN, COBOL, Tcl/Tk, Tix, Perl, Python, Swig, shell scripting, XML, HTML, CGI, Java, JSP, and others



Tools

- Cadence Tools (NC-SIM, Silicon Ensemble, etc.)
- Mentor Tools (DA, DC, Calibre, etc.)
- Synopsys Tools (PT/DC/LC shells, Arcadia, etc.)
- Other Vendors: SiliconMetrics (CellRater), Silicon Valley Research (DCP), Ultima (UDC),
- Avant! (PL, AP, etc.), and others.
- Precision Cooling & Environment Management .
- Smart Cities, Houses, Offices & Buildings.



Platforms

Unix (Solaris, SunOS, HP-UX, Linux, AIX), Windows, DOS, OS/2, VMS, MacOS

As a custom software development firm, Integrated Path Software has amassed an impressive resume of EDA projects. It's the custom nature of our development projects that has enabled Integrated Path to acquire vast experience in many diverse areas of the design flow. Our experience, in conjunction with our high quality personnel, enables Integrated Path to be dynamic enough to tackle almost any EDA project. No matter what your development challenge, Integrated Path consultants can be a valuable resource.

Integrated Path provides its clients with a wide range of services spanning the entire development processes. Clients can utilize the solutions for the entire development cycle or only for selected portions that require additional support and consultation. Our services are available on an hourly or project basis through our technical consultancies and support center.

At Integrated Path, we draw upon our vast experience to provide our customers with the best possible services. As a custom technology development firm, there are no limits on what projects we can undertake. However, most software development efforts require the same basic types of services. Some of the common services available from Integrated Path include:

Development

- The key to quality development is sharp people with a well thoughtout plan.
- Good organization allows developers to modularize the development process. This results in rapid
- Implementation of a system that can be easily tested and expanded for ff future versions. Integrated Path provides a highly qualified technical staff with years of software development experience.

IT Supports & Network Adminsitration

- Integrated Path has IT network professionals familiar with all types of heterogeneous networks. Clients have utilized our services to design, install, and manage their network systems. Some clients have even outsourced the IT support for their entire office to Integrated Path.
- Integrated Path references ITIL standards in ITSM and always remark the Root Cause Analysis for future improvement.
- Clients require L1, L2 & L3 levels according to their needs.

Project Management

- Integrated Path clients often require additional consulting and managerial support to supplement their in-house development efforts. Integrated Path is uniquely qualified to provide this vital support. The professionals at Integrated Path have worked on countless software development efforts, and as a result are well equipped to quickly anticipate and address problem areas on a given project. Integrated Path can serve as troubleshooters or, if need be, assume management of an entire project. Integrat Path has proven experience in this fields with rich success stories.

System Architecture & Design

- Design is often the most critical phase of any solution developent effort. In many cases, the quality of the finished software is directly proportional to the quality of the initial design. One metaphor is particularly appropriate. Ask yourself this question: What quality of house would you get if you built it with no blueprints. Custom

software development is an investment. As with any substantial investment, planning is crucial. However, there is a trade-off. It is possible to over-design. This leads to lost time and money. Integrated Path has the experience to strike the proper balance and contributes in your success in front of your customers.

Complete Turnkey System

- Complete, integrated systems are no problem for IntegratedPath. Integrating hardware and software to form a new automated system is a classic utilization of Integrated Path resources. Integrated Path has negotiated discount hardware reseller agreements with vendors hyper converged and cloud solutions and services to help provide our clients with a low-cost source for their hardware needs. No matter what your hardware needs are, from massive file servers down to desktop PCs, Integrated Path can get it for you, and often for less than buying it direct!

Feasibilities Study

- Prior to committing substantial resources to a given project, often clients want to obtain more data on the obstacles related to successfully completing the project. Integrated Path team members have experience serving in this “recon” type role. They can quickly and efficiently identify the primary and secondary “hot spots”, then prepare a Feasibility Report for the client. This report contains a ranked list of all the technical, logistical, and managerial problems associated with the proposed project. In addition, it provides preliminary estimates for cost and time, and leads to a unique value towards hitting the designating goals!

Testing and Quality Assurance

- With our experience in the software development field, Integrated Path can provide an extremely valuable third-party perspective, when brought in to test/QA another vendor’s software. System testing is fundamental to the quality of any software. Although many developers take short-cuts and settle for only testing their software during development (Alpha-Testing), we at Integrated Path always encourage our clients to include a distinct testing phase to any software project. This testing phase allows the system to be tested as a completed unit, and is

usually done by someone other than the developer. In this manner, additional user feedback on the functionality and usability of the software can be integrated prior to initial release. Completion of the testing phase is accomplished through preliminary use by actual end users of the software in the real world conditions of the client's site (Beta-Testing).

Technical Documentation and Training Services:

- Integrated Path consultants have developed numerous user manuals, reference guides, and introductory training materials to accompany our custom software over the years. This experience has provided us with the ability to quickly generate production quality documents. Rather than hiring technical writers (who are often unfamiliar with the underlying technology) to extract information from developers, many of our clients simply have Integrated Path develop the supporting materials. Integrated Path consultants have become so good at this in fact, that many clients have engaged Integrated Path for the sole purpose of creating technical documentation and complete training programs.

Placement and Recruiting Services:

- Finding just the right person for a challenging technical staff position can be quite difficult. Standard placement services often provide overwhelming lists of "candidates," however many of the resumes provided to the client firms are seldom worth reviewing. This is because the placement firms are not technical people and therefore cannot properly filter the resumes for the hiring managers. Integrated Path solves this problem for managers by taking a low volume, high quality approach. With our technical background, we can serve as a front-end filter for managers who don't want to spend their time reviewing every resume with "C" listed as a language.
- Integrated Path Software Inc. has two general methods of payment for its services: fixed cost and hourly

Enterprise Resource Planning(ERP)

Enterprise resource planning (ERP) is a process used by companies to manage and integrate the important parts of their businesses. Many ERP software applications exist to help companies implement resource planning by integrating all of the processes it needs to run a company with a single system. An ERP software system can integrate planning, purchasing inventory, sales, marketing, finance, human resources, and more.

Many businesses face different challenges, for this reason there should be a suitable solution for every business. Integrated Path helped many businesses to manage their resources. Along the way, Integrated Path achieved massive success in terms of software, hardware or security.

Integrated Path offers different solutions:

- saas, VPS or on-premise
- Full ERP or partial ERP
- Various suppliers
- Maintenance and support
- Fully customized based on business needs

No more painful integration

As the ultimate goal for any business is to grow in different aspects, the need for managing all resources efficiently will increase more and more, a suitable ERP system will lift this heavy part on business owners.

A unique value proposition

- Everything you need within a top notch user experience
- The open source model of Odoo has allowed us to leverage thousands of developers and business experts to build hundreds of apps in just a few years.
- With strong technical foundations, Odoo's framework is unique. It provides top notch usability that scales across all apps.
- Usability improvements made on Odoo will automatically apply to all of our fully integrated apps.
- That way, Odoo evolves much faster than any other solution.
- With 10.000+ apps in, Odoo covers all your business needs in a one-stop solution: no more interfaces between different software required. Odoo apps are perfectly integrated to each others, allowing you to fully automate your business processes.

Virtualization

Virtualization is technology that lets you create useful IT services using resources that are traditionally bound to hardware. It allows you to use a physical machine's full capacity by distributing its capabilities among many users or environments.

DevOps and IT teams face many challenges starting with services administration, purchasing hardware getting down to security. To follow the best practices, development environment, ERP services and Production environment, all of them should be separated. This is a big challenge for IT teams to manage and secure all these resources. Purchasing many separated servers represented a big deal for many businesses and enterprises. The rise of virtualization helped many businesses and specifically IT department to optimize their operation and reduce the cost of the hardware needed.

Using virtualization, you can run multiple environments on one hardware, in fact, there are three types of virtualization:

Data Virtualization

Data virtualization allows companies to treat data as a dynamic supply—providing processing capabilities that can bring together data from multiple sources. Unlike the traditional extract, transform, load process, the data remains in place, and realtime access is given to source system for the data.

Desktop Virtualization

desktop virtualization allows a central administrator (or automated administration tool) to deploy simulated desktop environments to hundreds of physical machines at once. it saves cost, power consumption with minimum CAPEX and affordable OPEX for your business.

Server Virtualization

Servers are computers designed to process a high volume of specific tasks really well so other computers—like laptops and desktops—can do a variety of other tasks. Virtualizing a server lets it to do more of those specific functions and involves partitioning it so that the components can be used to serve multiple functions.

Enterprises and businesses can achieve these types of virtualization by using the solutions provided by Integrated Path.

What's Your IT Priority?

- ▶ Accelerate Your Cloud Journey
- ▶ Discover how VMware Cloud enables you to manage your entire app portfolio across hybrid and native public clouds with consistent infrastructure and consistent operations.
- ▶ Transform Networking & Security
- ▶ The network of the future is software-defined. A Virtual Cloud Network, built on VMware NSX technology, is the secure, consistent foundation you need to drive your business forward.
- ▶ Empower the Digital Workspace
- ▶ Employee expectations have changed. Meet them anywhere and on any device with secure, seamless access to apps and services through an integrated digital workspace.

Enterprise Queue Management System (EQMS)

With the improvement of network connectivity, the organizations are exploring for deployment of a centralized computerized queue management system suitable as enterprise grade solution. computerized queue management system is becoming a part of IT projects within organizations for taking the initiative to use the existing hardware and database to reduce the cost of investment, taking leverage of using internal network connectivity within the branches for central system management and reporting on the customer flow data.

Digital Signage

Digital signage is widely used in shopping malls as a form of directory or map display. Uses of digital signage include a wayfinding kiosk, enabling the customer to find their path through an interactive touchscreen. Recent digital signage have begun combining interactive advertisement with wayfinding application. This will offer shoppers who interact with the advertisement of the tenant in the shopping mall to the store. Another usage is disseminating relevant information such as the schedule of an event or campaign ;

Customer Experience

In today's competitive climate, more than just low prices and innovative products are required to survive in the business. Customer experience involves every point of contact with the customer and the interactions with the products or service of the business. Customer experience has emerged as a vital strategy for all aspects of businesses that are facing competition. Customer experience can be defined as a whole event that a customer comes into contact when interacting with a certain business. This experience often affects the emotions of the customer. The whole experience occurs when the interaction takes place through the stimulation of goods and services consumed.

Integrated Path offers a state-of-the-art Enterprise Queue Management System to its prestigious customers where service areas require a world class type computerized system which solves queuing issues and executive reports for customer flow forecasting, customer feedback, service duration, quality assurance and customer experience.



BUSINESS CONTINUITY AND DISASTER RECOVERY (BCDR)

Business continuity (BC) and disaster recovery (DR) are closely related practices that support an organization's ability to remain operational after an adverse event. The goal of BC/DR is to limit risk and get an organization running as close to normal as possible after an unexpected interruption. As cyber threats increase and the tolerance for downtime decreases, business continuity and disaster recovery gain importance. These practices enable an organization to get back on its feet after problems occur, reduce the risk of data loss and reputational harm, and improve operations while decreasing the chance of emergencies. The trend of combining business continuity and disaster recovery into a single term (BCDR) is the result of a growing recognition that business and technology executives need to collaborate closely when planning for incident responses instead of developing schemes in isolation. Integrated Path can help an organizations and their employees achieve resiliency. Developing a strategy is a complex process that requires research, including conducting a business impact analysis (BIA) and risk analysis, as well as developing BCDR plans, tests, exercises and training.

A Single Platform for Cloud, Virtual and Physical Backup & Intelligent Recovery, DR Orchestration, Cloud Mobility, Copy Data Management, Monitoring & Analytics Your mission-critical data, always available

- Backup and recovery solution that always works
- Full ecosystem compatibility

One solution, seamless deployment

- Works across any cloud, virtual or physical environment
- Meet your requirements today and in the future

Fewer resources required

- Reduce administrative overhead and labor costs
- A single platform supporting data backup, recovery and management



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