



## SAP Integration



PEAK specializes in helping our customers get the most out of their SAP system by ensuring they get the best data into it. We have the SAP supply chain and logistics experience you can trust. PEAK has been helping customers improve the flow of business for 20 years and remains at the forefront of advancement within the industry. As a matter of fact, we have helped many of our customers become among the first to achieve Wal-Mart RFID compliance.

PEAK offers SAP customers a single source solution for everything from mobile data capture, RFID, security and infrastructure to consulting, integration, installation, printing, training and service. Our vertical market experience and expertise includes customers in consumer goods, discrete and process manufacturing, health care and related services. With over 750 employees, we have a wide breadth of resources backing us up, and with SAP consulting and delivery teams throughout North America and Europe, PEAK is the only partner you need for multi-site rollouts.

The mission of our SAP team is to help you realize your unique vision through deriving benefit from the latest in mobile data capture and printing technology, while ensuring that the total solution:

- Delivers the promises the technology offers
- Allows a path for future growth
- Does not distract you from your core business activities

Your company has invested in SAP R/3® to become more efficient and productive in today's competitive marketplace. However, if you still use manual data entry processes, you may fall short from achieving all of your implementation objectives. As a certified software partner with SAP, and one of the first certified Logistics Execution System (LES) partners in the US, PEAK delivers solutions that improve the flow of business.

### SAPConsole

SAPConsole is SAP's native character-based radio frequency solution designed to translate graphical based (GUI) screens into character-based screens. SAPConsole itself does not contain business logic. All functionality is maintained within R/3 and all development for SAPConsole transactions is performed inside the ABAP workbench. SAP delivers Console functionality in versions 4.6B and higher. SAPConsole requires a Windows NT server and telnet software that supports VT220 emulation.

PEAK Technologies has made significant investment in adding additional capabilities within SAPConsole, as well as offering many services to assist with your mobile data capture project:

- Library of barcode-enabled SAPConsole transactions
- Validation fields & IM Transactions
- User specific configuration of RF screens
- Ability to process batch managed and serialized material
- Business process consulting
- Certified project management & SAP certified consultants
- Cisco certified network consultants to assist with network and server requirements
- ABAP resources for custom-designed SAPConsole transactions
- Integrated label printing capabilities

PEAK's SAP Consultants have in-depth exposure to a range of best practices in a variety of disciplines and industries to help you select a SAPConsole solution that fits your requirements. We work with your SAP project team to take the recommended approach from concept to reality.

For those customers ready to utilize the newest in web technology, PEAK is now deploying **Web SAPConsole**.





### SAP NetWeaver

SAP NetWeaver is a comprehensive integration and application platform that works with your existing IT infrastructure to enable and manage change. With SAP NetWeaver, PEAK will help you flexibly and rapidly design, build, implement, and execute new business strategies and processes. You can also drive innovation throughout your organization by combining existing systems while maintaining a sustainable cost structure.

SAP NetWeaver embraces Internet standards such as HTTP, XML, and Web services ensuring openness and interoperability with Microsoft .NET and Java 2 Platform Enterprise Edition (J2EE) environments such as IBM WebSphere.

### SAP Web Application Server

Only with tight integration to SAP can many mobile data capture benefits be fully realized, and only with an intimate understanding of the SAP environment can this level of integration be achieved. By utilizing the power of the SAP Web Application Server, PEAK Technologies' SAP team brings together a proven infrastructure with the interoperability and flexibility of Web services technology. The result is an application server that delivers:

- Low total cost of ownership
- Reliability, scalability, and security essential to enterprise-scale solutions
- Openness and interoperability needed to extend business processes across enterprise boundaries
- Fully integrated solution for deploying RFID
- Web-based platform which can be enhanced with SAPConsole transactions

### SAP AII (Auto-ID Infrastructure)

SAP Auto-ID Infrastructure gives you the capabilities you need to integrate all automated communication and sensing devices, including radio frequency identification (RFID) readers

and printers, Bluetooth devices, embedded systems, and bar-code devices. SAP Auto-ID Infrastructure also integrates intelligent controls such as programmable language controls and Savant technologies, ensuring comprehensive device integration.

SAP Auto-ID Infrastructure senses and controls automated signals in real-time. It connects directly with business processes requiring signal data to drive faster and better business decisions.

One of the first applications of SAP Auto-ID Infrastructure is the integration of RFID technology with supply chain processes. SAP Auto-ID Infrastructure provides functionality to fulfill requirements for RFID compliance in the logistics applications of the U.S. Department of Defense, the U.S. Food and Drug Administration, and large retailers such as Wal-Mart. With SAP Auto-ID Infrastructure, PEAK can help you meet current market needs and be ready for future automatic identification requirements.

PEAK is a preferred partner with SAP for installations and implementations of SAP AII as well as a provider of the device controller software for RFID readers, antennas, printers and handhelds.

### PEAK Automation Controller for RFID

The PEAK Automation Controller software combined with PEAK's SAP services allows users to seamlessly deploy RFID printers and readers into the existing SAP infrastructure.

PEAK Automation Controller benefits SAP users by meeting RFID tagging and reading requirements of major retailers and the Department of Defense, provides a scalable software solution to adjust to growing RFID volumes, and fits within the SAP environment to allow SAP users to maintain an SAP-centric application environment.

"The first day that SAP came on line we were able to efficiently receive and ship products. We were very impressed with the performance of the consultants from PEAK who delivered better than expected results. We consider them a strategic partner."

*Arnold Kamen  
Vice President of Operations  
and Customer Services  
Nikon Incorporated*

**Nikon.**



### SAP Mobile Infrastructure

SAP Mobile Infrastructure is the technical foundation for enterprise mobility within SAP NetWeaver -- and provides the technology that powers SAP solutions for mobile business.

With SAP Mobile Infrastructure, you have a platform-independent run-time environment for mobile solutions -- solutions that allow your employees to access and use business-critical information wherever and whenever they need it. Mobile solutions powered by SAP Mobile Infrastructure enable people to work anywhere in both connected and disconnected modes.

SAP Mobile Infrastructure provides a "future-proof" mobile environment based on open and flexible technology standards such as Java, XML, and Simple Object Access Protocol (SOAP). PEAK's SAP experts enable you to use this powerful development environment to build integrated mobile solutions that support either a native or browser-based front end. Data is synchronized between back-end systems and mobile devices. While an administrative console enables centralized administration and deployment of mobile solutions.

With mobile solutions powered by SAP Mobile Infrastructure, PEAK can help you extend existing applications and processes to new groups of users, improve employee efficiency and effectiveness, enable fast, adaptive decision-making, and respond faster to customer needs.

### PEAK S/3 Interface

For those customers that have requirements beyond SAP, PEAK offers our PEAK S/3 interface. The PEAK S/3 Interface uses SAP-approved communications technologies which means it deploys quickly, and implementation doesn't require changing the underlying R/3 business logic and processes.

### Printer Integration

Integrating printing systems into SAP requires knowledge of the very latest in printing technologies and the real-world, hands-on experience to tie it all together. PEAK is your single source provider of cost-effective printing solutions for general/IT operations, specific departmental requirements, and industrial applications.

PEAK wired and wireless network printing and management solutions make real-time, full time printer monitoring a reality. PEAK network systems provide the ability to link a variety of mission critical printers and share valuable information to ensure that crucial business resources are up, online and operating where and when you need them.

PEAK has the experience, expertise and resources to specify, integrate and implement enterprise-wide printing systems that meet and exceed your unique SAP requirements. With proven success through thousands of printing solutions deliveries in all industry sectors, PEAK provides far more value than just printer hardware and software solutions. PEAK is your single source for a comprehensive line of supplies, an industry leading group of experts and continuing support and service to ensure your printing solution operates seamlessly with your SAP system.

### SAP Enterprise Label Printing

PEAK has a unique knowledge of the demands and requirements for printing labels in the SAP environment across your global enterprise. Our goal is to bring best fit/best performance technology to your SAP application environment in order to improve operational productivity and performance. PEAK is a single source for label print integration at the transaction level of SAP and beyond. What's more, in addition to supplying a completely integrated labeling application with your SAP system, PEAK is also your single source for complete warehouse labeling.

"PEAK provided an important contribution in the success of our pilot by helping us define our business process, select and install the RFID equipment, and developing the interface to SAP. They have taken the approach of a long term business partner that is fully committed to helping us achieve our business goals."

*Ed Matthews  
Director of Information Systems  
Pacific Cycle*

**PACIFICCYCLE**

### PEAK SAP Professional Services

For the successful implementation of your mission-critical SAP project, you can count on the planning, processes, products and people of PEAK. We offer considerable experience in aligning SAP with your most critical business processes. Our proven methodology provides project assistance from Process Review through Go - Live Support.

PEAK SAP Professional Services include:

- Business Process Review
- Define and Perform Application Setups
- Compliance Label Integration
- Support Test Phase
- Training Services
- Launch/Go Live Support





# SAP Integration

"PEAK not only configured and installed our wireless system, they made substantial improvements to our SAP configuration, such as adding the ability to cross-reference old and new part numbers. They did everything we asked them to and came back to us with additional ideas to improve our operations."



*Linda Dexter  
Materials Supervisor  
York International*



## Wireless Delivery Services

For Wireless RF and printing systems integration, PEAK System Engineering Services are comprised of factory-certified engineers who have the tools, talent and training to make certain that your SAP solution operates as a robust and unified system. PEAK's field-proven engineers are among the industry's top specialists. Our system engineers are certified for RF and RFID systems as well as other network infrastructure components including backbones, operating systems and databases. With PEAK System Engineering Services and our Managed Risk Methodology, you can rest assured that every PEAK solution is implemented with precision and professionalism.

PEAK System Engineering Services include:

- Site Survey
- Technical Assessment
- Infrastructure Review
- Installation and Integration
- Troubleshooting and Testing
- System Training

## PEAK Enterprise Services

PEAK enterprise services ensure an uncompromising level of quality before and after every sale. PEAK's full service support organization is dedicated to providing the highest level of customer service and support. With more than 300 personnel dedicated to our service organization, on-site service contracts, depot repair, and telephone support, PEAK can provide piece of mind that your entire system is up and running at optimum performance at all times.



## Corporate Headquarters PEAK Technologies, Inc.

9200 Berger Road  
Columbia, Maryland 21046 USA  
Tel: 888-275-7325  
Fax: 410-309-6219  
E-mail: [info@peaktech.com](mailto:info@peaktech.com)  
[www.peaktech.com](http://www.peaktech.com)

## Canadian Operations PEAK Technologies Canada Limited

6325 Dixie Road, Unit 3  
Mississauga, ON L5T 2E6  
Tel: 905-565-6550  
[www.peakcanada.com](http://www.peakcanada.com)

## International Operations

### PEAK Technologies - UK

Silwood Park, Buckhurst Road  
Ascot SL5 7PW  
Tel: +44 (0) 1344 290000  
E-mail: [info@peakeurope.com](mailto:info@peakeurope.com)  
[www.peakeurope.com](http://www.peakeurope.com)