

RSL\*Insight



The innovative way to manage RSL data



## Overview

The management of test results for Restricted Substances (RSL) across an organization's global supply chain is a critical, yet increasingly challenging, task. Data management requirements become more complex as additional analytes need to be monitored and new testing methods need to be adopted. The breadth of materials and products requiring testing, as well as the list of regulatory mandates requiring adherence, continue to expand at ever increasing rates. The complexities and challenges of implementing a global RSL program are numerous, and require not only technical expertise but also a thorough understanding of RSL reporting within the industry setting.

RSL\*Insight provides a solution to meet these challenges; it is the leading tool designed and developed to address the management of RSL test result information. RSL\*Insight is easy to implement, provides exacting control of the required data, and allows for reporting capabilities that facilitate data analysis.

## Innovative Design

The design of RSL\*Insight leverages the strengths of both technology and industry experience. The technical foundation of RSL\*Insight eliminates the need to struggle with developing and deploying "proprietary systems" across multiple organizations. With RSL\*Insight there is no need to waste time and money on building and deploying a system to 3rd party laboratories.

RSL\*Insight operates as a secured web based system hosted in a state of the art data center.

The designs of the software and underlying database allow for RSL\*Insight to be configured to support the unique requirements of a client's RSL program. Each brand or retailer implements RSL to meet specific organizational structures and needs.

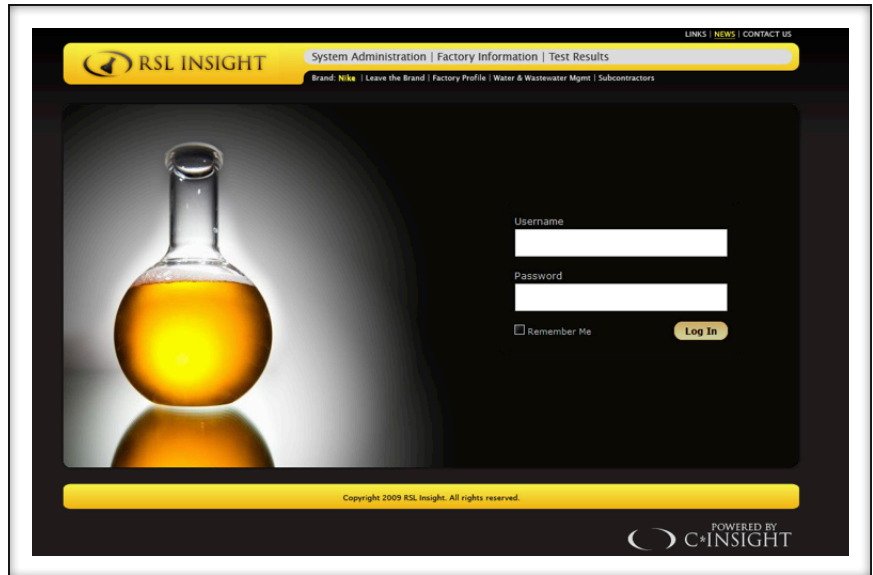
RSL\*Insight has a robust set of standard features as well as an architectural design that facilitates the deployment of customized features. The internal design of RSL\*Insight provides an environment that ensures:

- \* **Data accuracy** through the consistent implementation of your RSL on a global basis. The same data requirements and editing rules are applied regardless of 3rd party testing lab or location
- \* **Reporting consistency** across all laboratory locations by using a single "customized" report template
- \* **Testing compliance** by integrating forecast data, electronic test request forms and management reporting
- \* **Analytics** to support vendor tiering, proactive data analysis and regulatory requirements

# System Features



1. RSL\*Insight's software service architecture supports rapid deployment. Using a secured web based infrastructure the system provides for ease of implementation on a global basis. The software flexibility and technical foundation allow the retail client organization to focus on achieving RSL objectives rather than on the struggles of designing, developing, testing, and implementing a new technology.



2. RSL\*Insight is highly configurable. The underlying architecture supports configuration of an RSL program as a defined set of rules across chemical categories and individual chemical analytes. All file management is supported through a web based interface that supports the configuration of the system as required by the corporate RSL rules.

SELECT	CORE CLASS	CLASS NAME
<input type="radio"/>	Yes	Azo Dyes
<input type="radio"/>	No	Chromium VI
<input type="radio"/>	Yes	Formaldehyde
<input type="radio"/>	Yes	Metals
<input type="radio"/>	No	Organotins
<input type="radio"/>	No	PVC, Polyvinylchloride
<input type="radio"/>	No	PCP, Pentachlorophenol

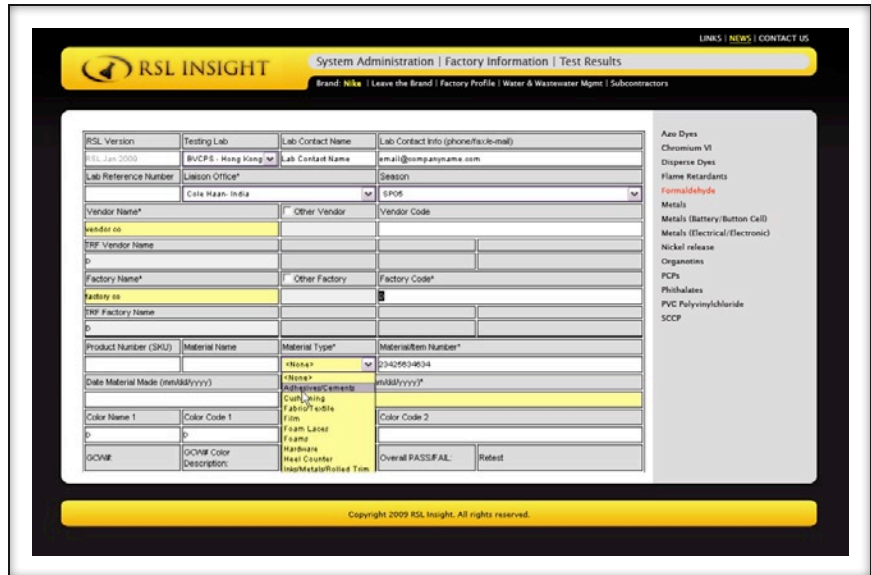
SELECT	CLASS NAME	ANALYTES	LIMIT ORDER	LIMIT CORE	LIM. REQUIREMENT	REPORTING LIMIT	OPERATION	LIMIT	LIMIT TYPE	STATUS
<input type="radio"/>	Azo Dyes	4-Aminodiphenyl / 92-67-1	1	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	Benzidine / 92-87-5	2	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	4-Chloro-o-Toluidine / 95-69-2	3	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	2-Naphthylamine / 91-59-8	4	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	o-Aminoazotoluene / 97-56-3	5	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	2-Amino-4-nitrotoluene / 99-55-8	6	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	2,4 Diaminoanisole / 615-05-4	7	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	4,4 - Diaminodiphenylmethane / 101-77-9	8	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	3,3 - Dichlorobenzidine / 91-94-1	9	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	3,3 - Dimethoxybenzidine / 119-90-4	10	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE
<input type="radio"/>	Azo Dyes	3,3 - Dimethylbenzidine / 119-93-7	11	Yes	<20 mg/kg per amine	10 mg/kg	<	20.0	Regular	ACTIVE



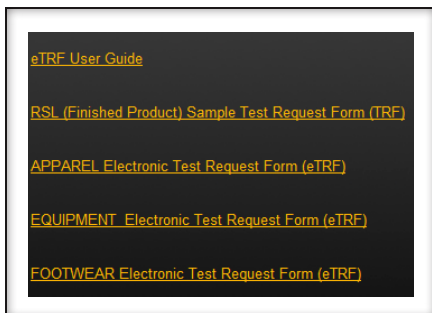
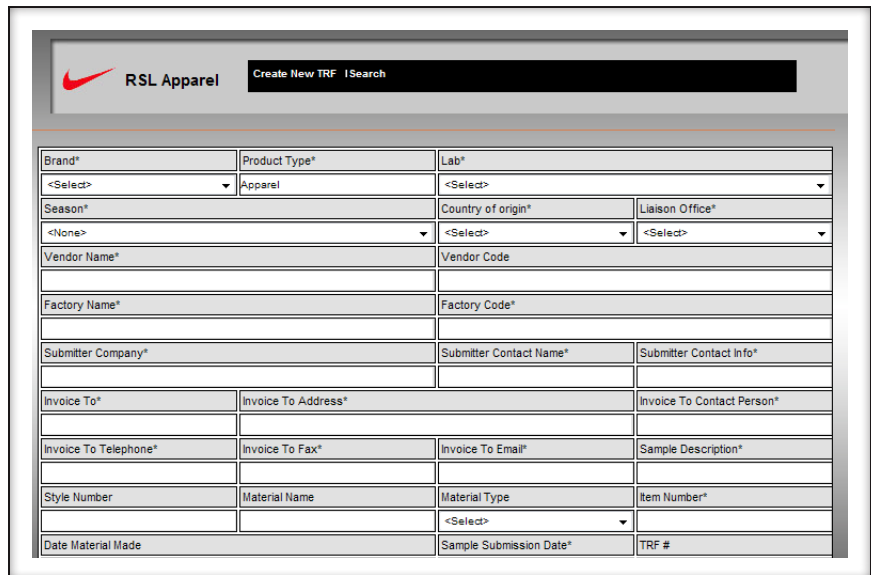
# System Features



3. RSL\*Insight provides for the customization of the data entry form screen as well as the associated reports to reflect field names and editing rules that typically differ across organizations. The customization is determined as an initial step in the implementation plan. The customization process streamlines the input of data and supports data reconciliation to test request forms (TRF) when used.



4. RSL\*Insight possesses the capacity to streamline the capture of test request information from sample submitters. A sample submitter is easily guided through the test request form process, using on-line forms that have been integrated into the RSL\*Insight system.



# System Features



5. RSL\*Insight provides for consistent reporting across all lab locations. As part of the setup process, the technical report is tailored to a client's specific requirements, allowing for quick and easy report analysis.

Hurley		CONVERSE		RSL Test Report	
Brand Tested for:	Nike	Product Type:	Footwear		
RSL Version	Testing Lab	Lab Contact Name	Lab Contact Info		
RSL August 2009 EVCPB - Hong Kong					
Lab Reference Number	Liaison Office	Season			
Vendor Name	Other Vendor	Vendor Code			
Factory Name	Other Factory	Factory Code			
Submitter Company	Submitter Contact Name				
Contact Email	Contact Phone	Contact Fax			
Item Information:					
Sample Description:	GLS Test				
Product Number (SKU)	Material Name	Material Type	Material Item Number		
Date Material Made	Date Sample Submitted	Color Name 1	Color Code1		
Color Name 2	Color Code2	GCW#	GCW# Color Description		
Sample Type	Overall PASS/FAIL	Retest	Test/Report	RSL SUBMIT #	
Finished Product	PASS	No	EV130210	2007021315417406	
Partial Results	NO				
Testing Delayed	NO Reason for Delay				
Remarks					
RSL Category: RSL					
Test Packages	PASS	FAIL (Kids)	FAIL (Adults)	INFO ONLY	Remarks
Ink/Adhesive (screen print)					
Metal Parts					
Natural & Synthetic Blend					
Natural Fibers	X				
Natural Leather					
Other					
Plast					
Synthetic Fibers					
Synthetic Leather/Polymers					
TBA: Technician	NAME: name 1		Signature:	TBA: Manager	NAME: name 2
				Signature:	

6. RSL\*Insight provides for the integration of RSL testing results with corporate production forecasts. This information is critical for the analysis of submission rates, program compliance, and production trend analysis.

Select the fields to extract

- SUBMISSION ID
- LO
- ITEM NUMBER
- VENDOR CODE
- VENDOR NAME
- COLOR CODE 1
- COLOR CODE 2
- COLOR NAME 1
- COLOR NAME 2
- RESULT
- SUBMISSION DATE
- REPORT/TEST DATE
- SAMPLE DESC
- SAMPLE TYPE
- LAB
- STYLE NUMBER
- MATERIAL TYPE
- MATERIAL PLATFORM
- MATERIAL NUMBER
- FACTORY NAME

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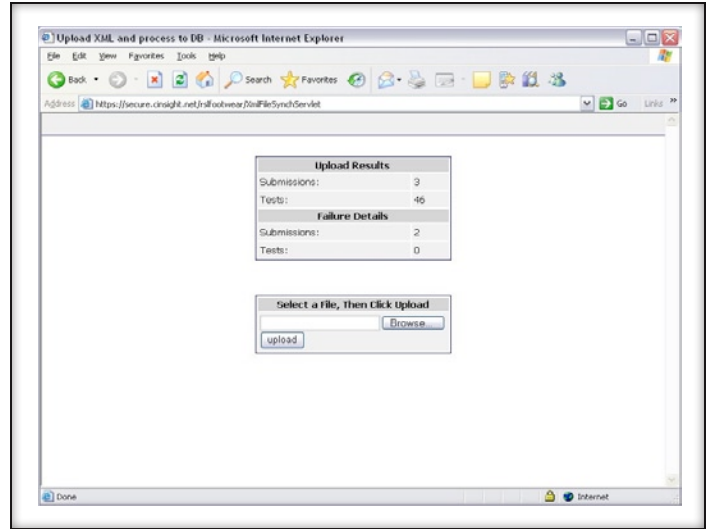
Fields to be extracted:



# System Features



7. RSL\*Insight does not operate as a “stand alone” application. It can be integrated with front-end information such as corporate forecasts, as well as with back-end systems to support vendor ratings, analysis of submission rates, program compliance, and production trend analysis.



8. RSL\*Insight’s system search capability allows for quick access of RSL test results.

The screenshot shows a search form with the following fields:

- Product Number (SKU):
- Lab Reference No:
- Material Name:
- Material Number:
- RSL SUBMIT #:
- Brand:
- Factory:
- Lab:
- Vendor:
- Result:
- Season:

A red "SUBMIT" button is located at the bottom right of the form.



## Technology Foundation

RSL\*Insight is designed to leave no foot-print on the corporate IT infrastructure. This design allows for rapid installation, client based customization, and global deployment. The system utilizes a number of standard technologies and is accessed via a standard internet browser.

To enhance security and confidentiality of a client's RSL data, the system is implemented in a separate database environment for each client. Access is restricted by user name and password with the underlying use of HTTPS (128 bit SSL). Additionally, the system utilizes a role based security scheme restricting data access and modification to ensure data integrity.

RSL\*Insight is hosted in a secured data center that utilizes industry's best practices for security, availability and network management. Access to the data center is restricted and monitored via a security system; access to the physical computer room is further restricted and monitored via card key access and an additional security system separate from the building security system. The data center technical specifications are:

- \* Full Building UPS w/Transfer switch capability
- \* 150kW Generator
- \* 480V Three phase power (400A)
- \* Security System (windows, doors, motion, heat)
- \* Eight (8), 4 redundant air conditioning sub-systems
- \* OC-12 and OC-24 Sonet ring connectivity
- \* FM-200 Fire Suppression System
- \* 19" Chatsworth open Racks
- \* Panduit Vertical Wire Management System
- \* Backbone connectivity available (DS3) w/100mb Full Duplex Ethernet connectivity
- \* Cisco 7507-VIP2-50 Dual Processor Router (Dual Redundant Routers)



## Contact Information

For more information on RSL\*Insight and how it could benefit your organization please contact:

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