

# Corrective/Preventive Action System

**Program Introduction** 

#### **Contents**



- QIT Consulting and Our Clients
- Technology of our Systems
- Existing System at a Glance
- A Future System for Your Business
- Next Step



# QIT Consulting, Inc.

- We are a Software Design Company with 20+ years experience in:
  - Quality Software Designs
  - Supplier Management and Outsourcing Software
  - On-site Business Improvement Consulting and Program Training
- WHQ is in Norwalk Connecticut USA (30 miles north of New York City)
  - Email: <u>sales@gitconsulting.com</u>
  - Website: <u>Http://www.QITConsulting.com</u>
  - Sales: (203) 663-0528

## QIT's Client-base

- Automotive
- Manufacturing
- Aviation Industry
- Medical Device
- Government
- Service
- Engineering
- OEM/ODM
- ☐ IT Service
- Transportation

- Chemical
- Hospital and Clinic
- Military and Defense
- Electronic
- Injection Molding
- Cosmetic Products
- Non-profit
- and many more

## Some of Our Clients



BELKIN



GE

Belkin Cop.
Computer Accessories

Citrix IT



Orion Registrar ISO Registrar



Means Industries
Auto Parts Supplier



CMC/CLA
Auto Parts Supplier



Probiotec Bio Tech



Alphawest IT Service



MillerCoors

#### Some of our Clients cont'







A Division of Tyco Medical Devices MedBen Health Care Riley

**Medical Devices** 



Presidential Airways

Aviation



Executive Jet
Aviation



Virgin America

Aviation



FLIR System
Defense



Canberra Fertility Center Hospital



Vantage Mobility

For more details please visit <a href="http://www.qitconsulting.com/Clients.htm">http://www.qitconsulting.com/Clients.htm</a>

# **Technology of Our System**

- Advanced Business Process
  - Next Generation, Web-based global corrective action management system
  - Real-time corrective/preventive tracking and reporting
  - Managing <u>ALL</u> types of corrective/preventive actions and monitor action progress online
- The Latest in Information Technology
  - Microsoft .NET C # flexible and scalable solutions
  - MS SQL Server 2008/2012 secure and reliable data management
- Server Requirements
  - Window Server 2008 or later
  - SQL Server 2008/2012
- QIT Web Hosting from a SSAE 16 SOC I Certified Data Center
  - 24x7 network monitoring
  - Fiber optic network
  - Redundant RAID1
  - IP backbone: AT&T, Sprint, Verizon, Cogent
  - Power conditioning, UPS and generator farm
- Copyright © 2003 Offsite, Vaulted, SAN backup or disaster recovery

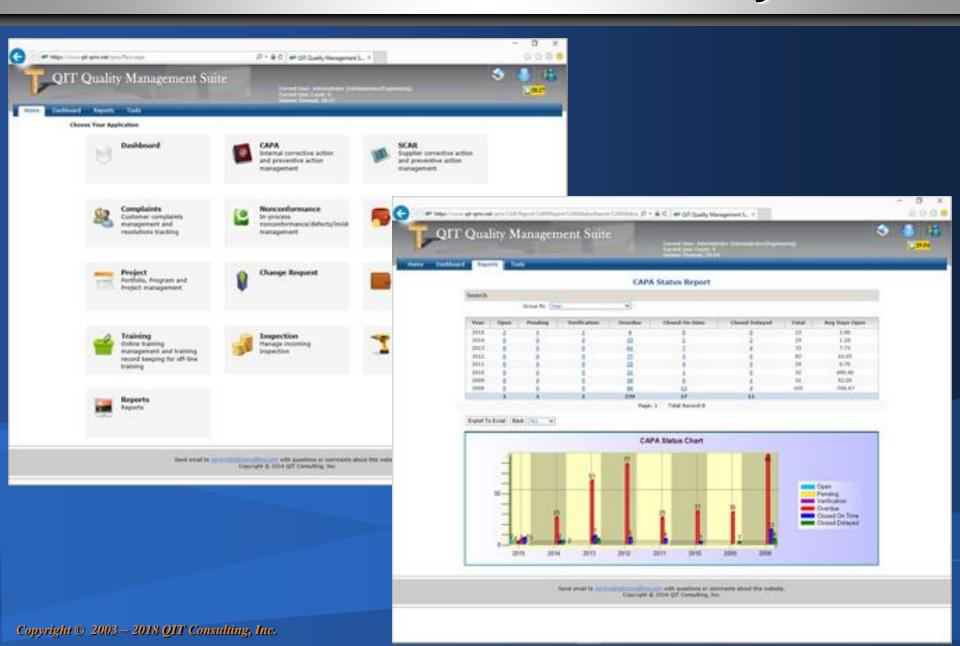
## **Existing System At a Glance**



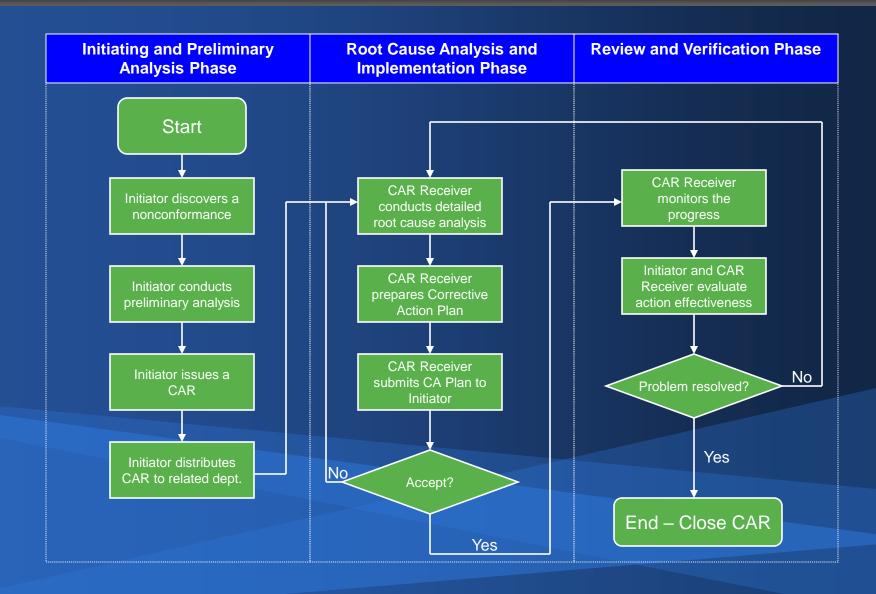
#### **QIT Corrective Action Management System**

- Internal Corrective Actions (CAPA) e.g. ISO9000, ISO14000, OSHA, or other types of corrective actions
- Supplier Corrective Actions (SCAR) and tracking progress
- Optional Functions
  - Multi-language capability (English, Chinese, Spanish and French)
  - Internal Audit/System Audit
  - Supplier Quality Management
  - Complaints/Issues
  - Nonconformance
  - Engineering Change Control
  - Document Control
  - Training

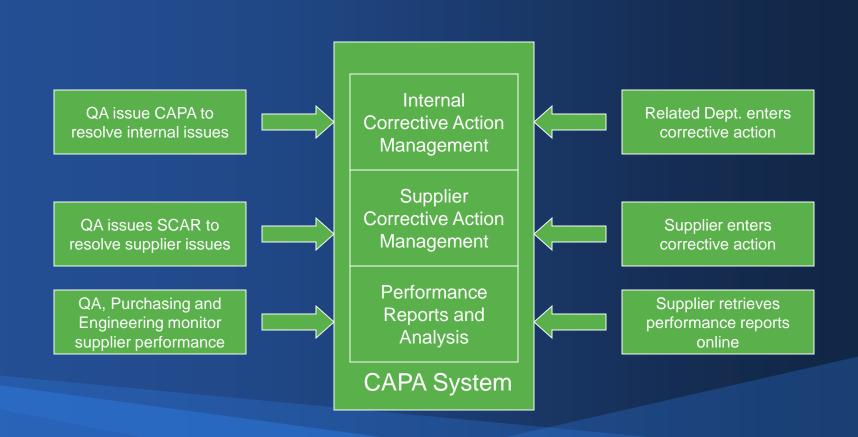
# **Next Generation Web-based System**



## **CAR System Introduction - Process**



## System Flow



All important data and files are kept in ONE centralized database.

# **Key Benefits**

- Comply with various quality standards and go beyond
  - Complying with ISO9000/QS9000, ISO14000 and FDA 21 CFR Part 11
  - Helping user implement business best practices such as quality cost, risk analysis, 8D, 5-why, actual effectiveness review and etc.
  - Providing a clear and neat picture of your quality system to ISO auditors
  - Closing the loop of the quality improvement cycle
- Transform your quality system to a Web-based Global System to surpass the competition
  - Creating CAR, SAR or SCAR, and tracking the progress online
  - Sharing concerns and monitoring suppliers' improvement activities in real-time
  - Collaborating suppliers, departments, and divisions in global scale
- Reduce costs of poor quality and system administrative costs on everyday tasks
  - Improving productivity by 78%, reducing operating cost by 18% in the first year and 64% thereafter
  - Prioritizing actions based on key cost drivers
  - Entering data once and seamlessly sharing it with suppliers or internal users
  - Moving from manual/Excel/Access systems to a fully automated system

## **Major Functions**

- Next-Generation web-based solution
- Flexible and scalable
- Can be easily tailored to fit your particular needs
- Capable of handling 1 to 1000+ users and suppliers
- Program is ideal for:
  - Automotive industry
  - Maintenance/repair companies
  - Manufacturers
  - OEM Suppliers
  - Household Products

- Managing internal CARs for ISO9000/14000 and other types of corrective actions
- Independent supplier SCAR tracking and reporting
- 8D compatible process
- 4W1H and 5-why root cause analysis approach
- Action effectiveness review and verification
- Drill-down CAR Status, Costs, Risk and Failure Mode reports, and trending
- Export your reports to Excel
- Automatic e-mail alerts for coming due and/or overdue items
- Manage attachments

## **Case Study**



## **Belkin Case**

Belkin Corporation's Quality Management System Goes Global in Just Two Months with QIT's CAPA Management Solution

# **Belkin Quality System Goes Global**

- Belkin Corp, is a major producer of electronics and computer accessories
  - Locations in the US, UK and Australia
  - 120+ suppliers located in the US, China Mainland, Taiwan, Hong Kong, Malaysia and India
  - Was using an old MS Access based CAR system
  - Entailed very long paper trails and prolonged communications
  - Had a very inconsistent process flow

- Results Just Two Months Later:
  - Customized the program to Belink's specifications
  - Implemented a web-based CAPA system on a global scale
  - Trained Belkin's US, UK, and China affiliates, as well as more than 120 suppliers in China and the US
  - Purchasing, Quality and Supplier Management Departments from around the world are sharing realtime information via the web
  - Most issues are now being closed within 5 days of issue compared to the 30+ days under their old system

## **Customization Possibility**

- QIT's programs are built on a flexible platform that is a foundation for our clients to incorporate new features such as:
  - Client's current terminologies and logos
  - Customized high quality reports
  - New fields that can capture more information
  - New program functions and modules that are based on the client's specific requirements
  - And much more...
- All customizations are done at competitive costs

# Why QIT

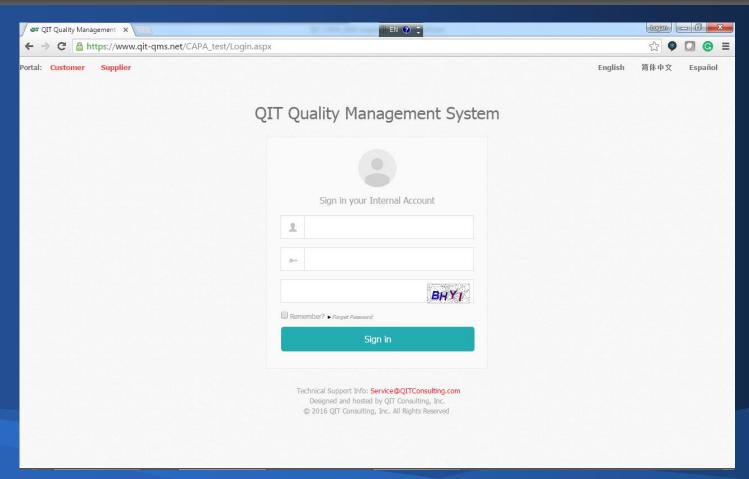
- Comply and go beyond we are a business improvement and quality assurance expert that focuses on driving process improvement, data analysis and problem solving
- Our software utilizes advanced process improvement and quality assurance tools to help you improve productivity and reduce cost
- Our software incorporates best practices from other businesses
- It simply works! Our software packages have been used by companies e.g. GE, Citrix, MillerCoors, Belkin and Tyco, from Manufacturing, IT, OEM, Service, Food and Drug, Electronic, Aviation and other business sectors.
- Cost-effective, Quick Turnaround, Customizable and Scalable



## **Next Step**

- Try the full-function demo at QIT's demo site
- Work together with QIT to finalize your customization requirements, or
- If you wish to purchase an off-the-shelf program, please contact QIT Sales Team to process your order
  - your program will be set up in as little as 48 hours after your payment has been received

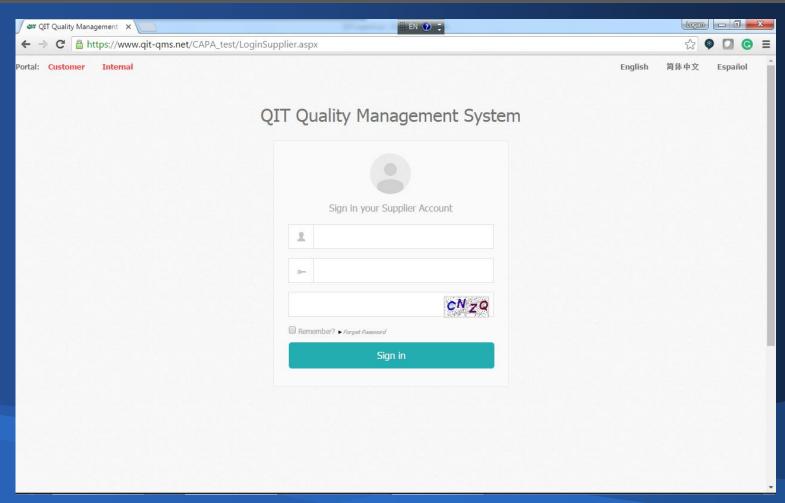
#### **Customizable Program**



- Fully customizable program
- · Each customer has its own URL, database and front-end
- Contemporary and simplified outlook
- Validation code to enhance system security
- Self-service password reset function

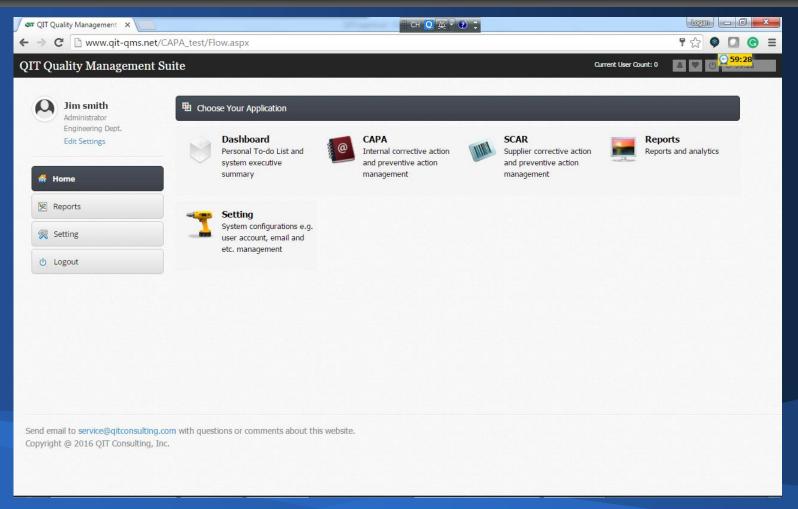
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# Supplier Login Screen



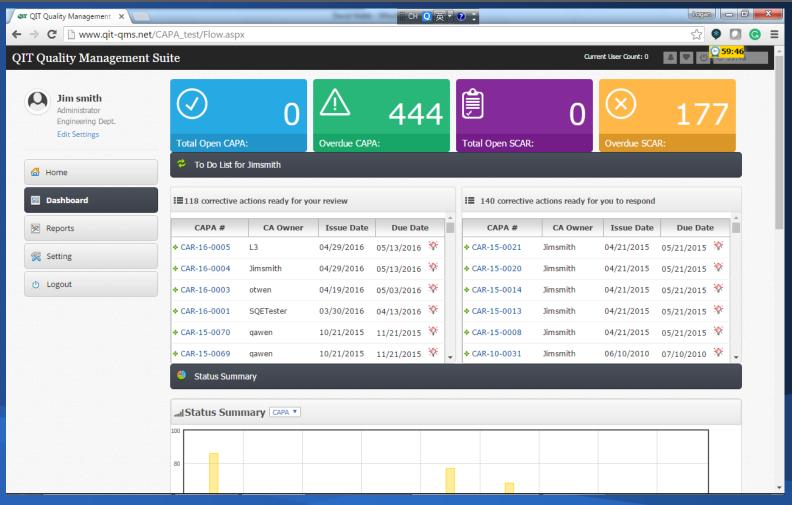
Separated supplier login screen and access URL for easy program accessing

# **Easy-to-Navigate Layout**



- Self-guided user-interface with explanation for each function block to save the training time and implementation efforts
- Easy-to-navigate layout

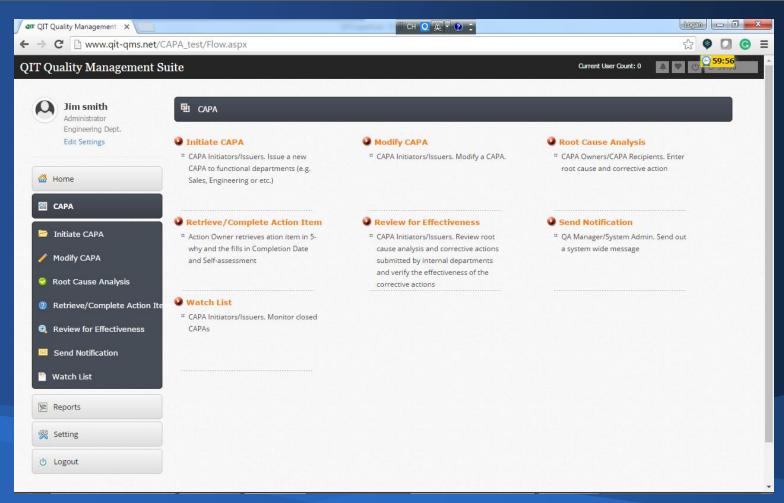
## **Intuitive Dashboard and To-do-List**



- Intuitive Executive Summary
- Personalized To-do-list for coming due CAPAs and CAPAs waiting for root cause analysis
- System overviews in <u>cost and risk</u>

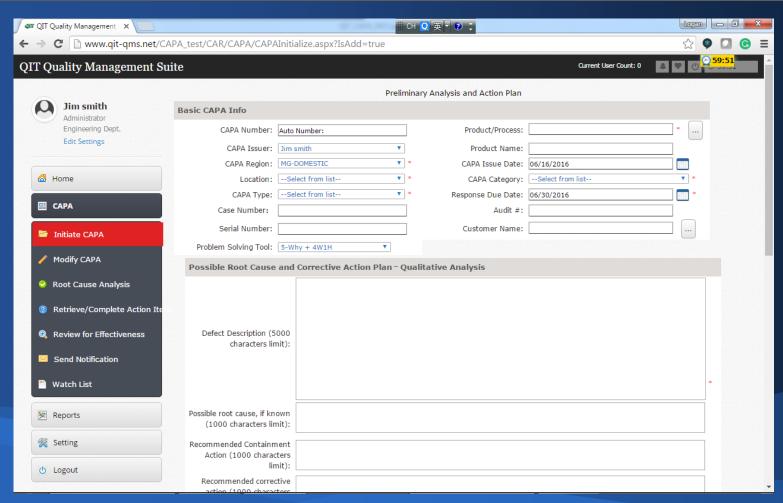
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#### **CAPA Module**



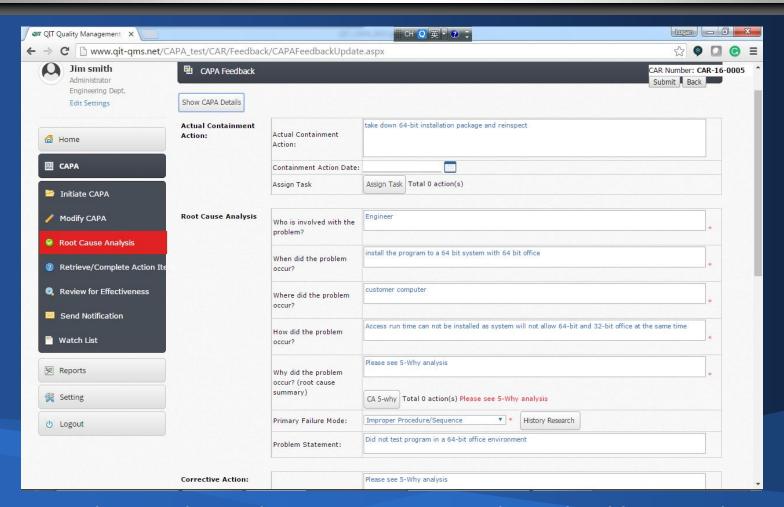
 Easy-to-use self-guided user-interface with instructions on each CAPA Step e.g. Initiate → Root Cause Analysis → Review for Effectiveness for effortless implementation and smooth navigation

#### **CAPA Form**



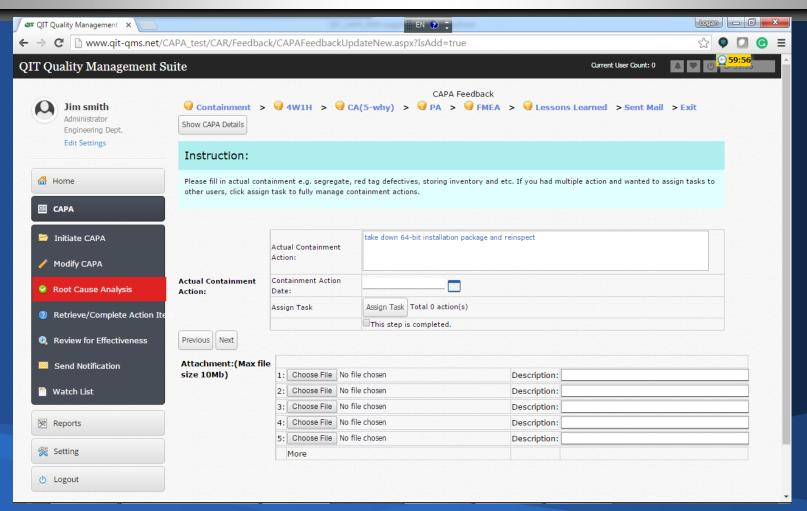
- Customizable CAPA form
- Built-in <u>risk analysis, cost analysis tools</u>
- · All types of attachment formats e.g. Word, JPEG, CAD Dwg and etc.

#### **Professional Root Cause Analysis Process**



- Built-in quality tools e.g. 8D, 4W1H, 5-why and Fishbone analysis to form a professional root cause analysis process
- User is able to select different combinations of quality tools for different issues and priorities. For instance: 4W1H for low cost/risk Copyright © 2003 ~ issues ong 8D+Fishbone for high cost and high risk issues

#### **Step-by-Step Root Cause Analysis Wizard**



- Step-by-Step Root Cause Analysis Wizard to guide user through a professional root cause analysis process e.g. 8D, 4W1H, 5-why and Fishbone Analysis
- Editable instructions to allow user sharing root cause analysis

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#### Review for Effectiveness to close the loop

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		characters limit)			<b>○</b> 59:47
		FMEA Due Date:		FMEA Completion Date:	CAR Number: CAR-16-0005
		FMEA First Fill out Date:		FMEA Last Modification Date:	Submit Back
	Lessons Learned	Lessons Learned from the problem:(2000 characters limit)	For desktop program, especially progra bit system with x86 Office, and with 64		to be tested in 64 bit system, and 64- later.
	Attachment:(Max file size 10Mb)				
	Review for Effectiveness	Reviews/Comments and Verifications:			
		Internal Comments (this field will be omitted from supplier report and CAPA report):			
		Review Result:	OAccepted Rejected Total Reject 0 Time(s)		
		Department: Engineering Dept.			
		Reviewer: Jim smith			
		Verification Due Date:			
		Action Close Date:			
	CAPA Watch List	Watch Reason:			
		Review Date:			
		Add to Watch List:			
	Submit Back				
Send email to service@qitconsulting.co Copyright @ 2016 QIT Consulting, Inc.		nts about this website.			

- Review for Effectiveness function to close the quality loop
- Special functions like <u>Lessons Learned</u> to share the best practices to the whole organization and <u>CAPA Watch List</u> function to keep closed CAPA on radar screen for long-term effectiveness review

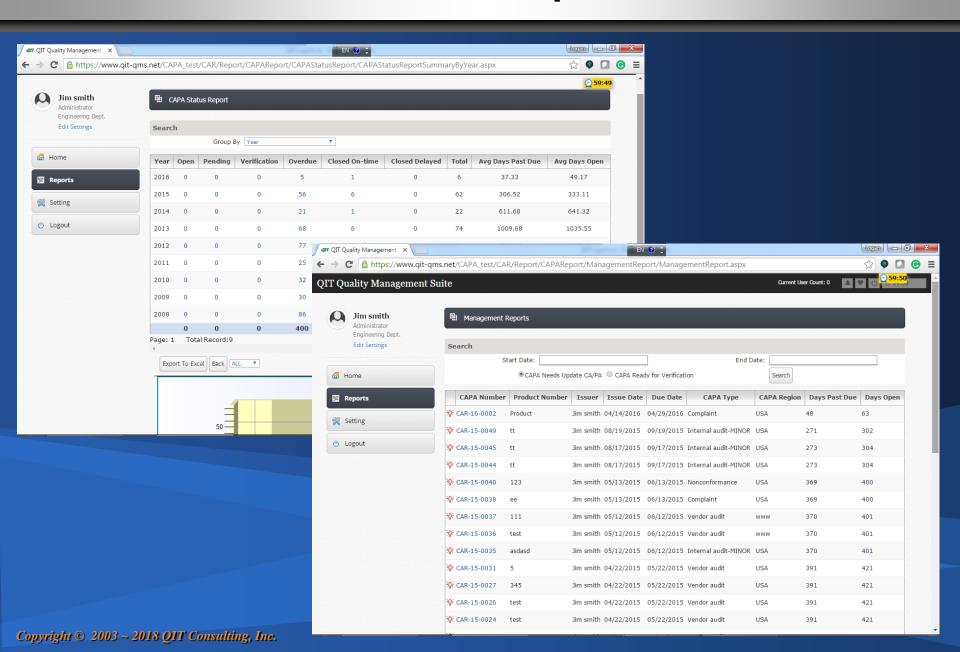
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#### **Versatile Reports**

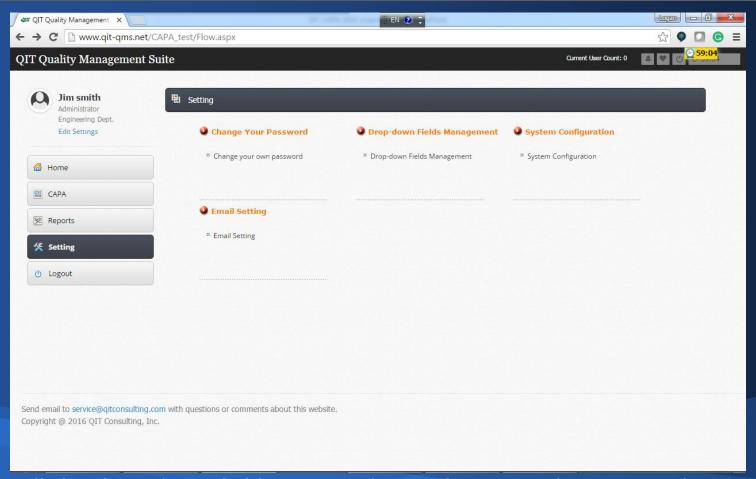
- Internal CAPA Reports
- CAPA Status Reports
- \* Failure Mode Reports
- Quality Cost Reports
- Department Reports
- \* Archive
- CAPA Reports
- Management Reports

- Supplier SCAR Reports
- SCAR Status Reports
- Supplier SCAR Status
- Supply Chain Reports
- Supplier Reports
- Component Reports
- SCAR Reports
- Drill-down reports to show system performance e.g. CAPA status, cost, risk and major issues in annual, monthly and detailed levels
- Built-in analysis to help user identify **hidden system problems**. For instance, to monitor quality system performance user can utilize the **Department Report** to link departments and major issues and then review the trending of the issues

#### **Versatile Reports**

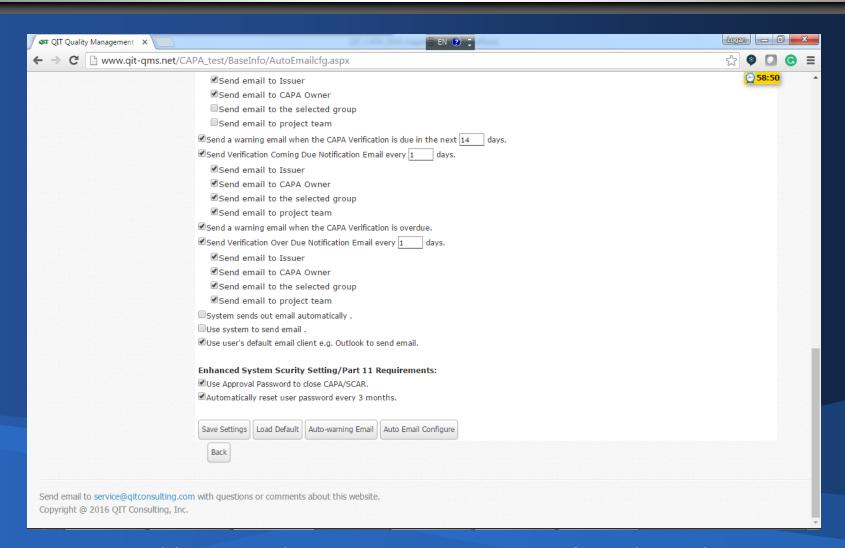


#### Easy-to-Maintain-and-Configure System Setting



- All the drop-down fields in CAPA/SCAR forms can be managed (add/modify/remove)
- Alert emails can be customized and configured to send to different levels of users

#### **FDA Part 11 Compliance**



User is able to switch to part 11 requirements for tightened system security