



*QIT Consulting, Inc.*

# Aviation Safety Management System

*for IEP, ASAP, safety feedback and corrective action management*

## *Program Introduction*

# QIT Consulting, Inc.

- We are a Business Process Improvement Consulting and Software Design Company with 20+ years experience in:
  - Quality Software Designs
  - Process Improvement, Quality Assurance, Six Sigma and Lean Manufacturing Consulting
  - Supplier Management and Outsourcing
  - On-site Business Improvement Consulting and Program Training

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# Some of Our Clients



Presidential Airways



Executive Jet



NETJETS



Virgin Airlines



ASTAR Air Cargo



Flight Options

# Some of Our Clients



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

# Safety Manager's Challenges

- Problems facing today's Safety Managers:
  - Limited financial resources
  - Mitigation of safety risk
  - Identify areas needing improvements
  - Achieving the required results
  - Time consuming data manipulation
  - Communication between safety departments and functional departments
  - Control of wasted company dollars
  - Close the loop
  - Finding a cost effective solution
  - FAA Regulations

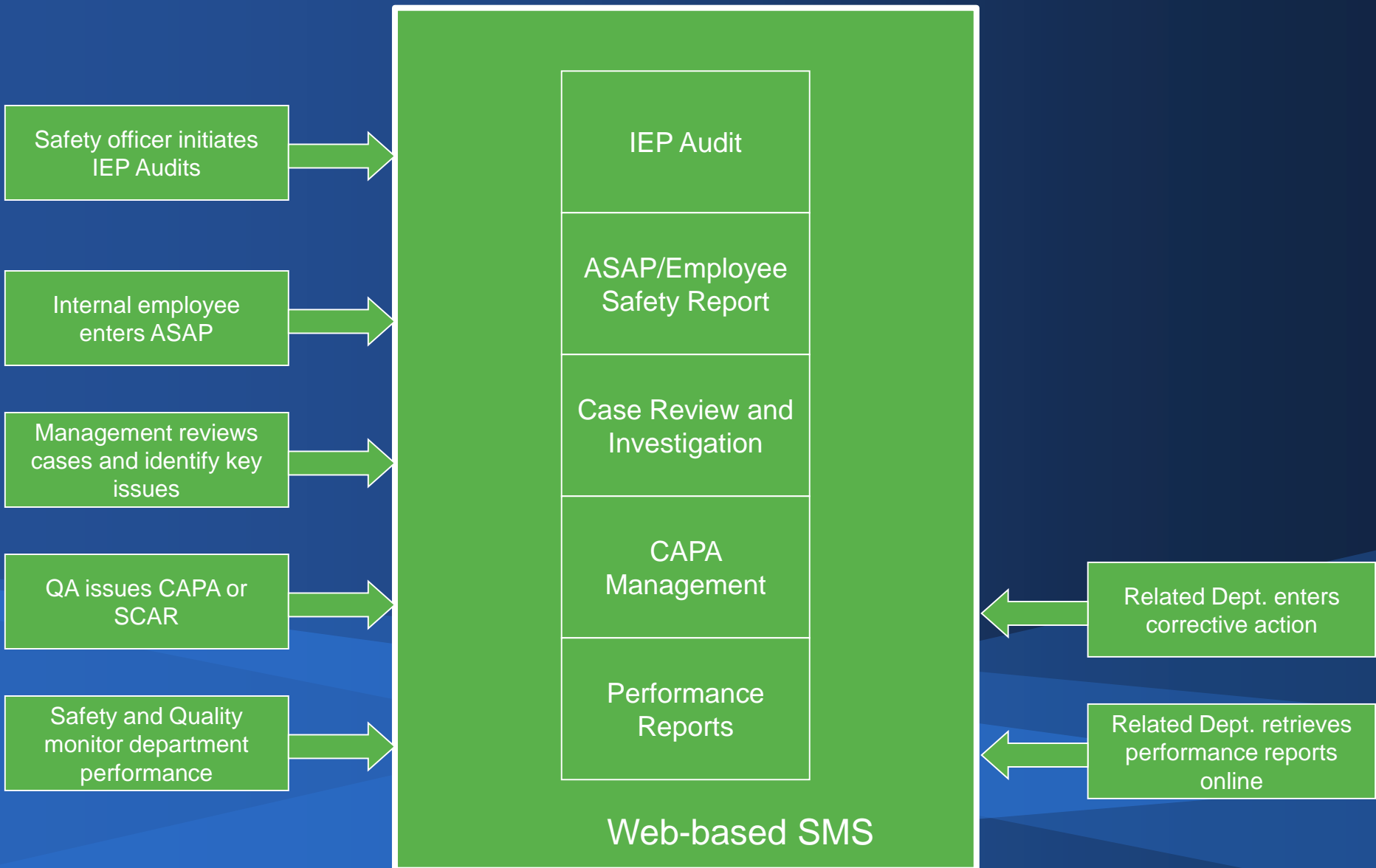
# QIT's Approach

- Develop a program that helps safety managers manage day-to-day IEP, ASAP and LOSA management needs
  - Reduce data manipulation
  - A centralized database reducing the demand for administrative support
  - Shorten the problem solving cycle time and streamline the process
  - Solutions are based on results
- Not meant for building sophisticated theories or scientific research but building a solid foundation for safety system
- Immediately start the corrective action cycle
- Drives the responsible parties to close the loop
- Resolve the dilemma in human factor analysis
  - Need to accumulate large amounts data to have the long-term trending
  - Quickly eliminate safety hazards to obtain quick turnarounds

# Technology of Our System

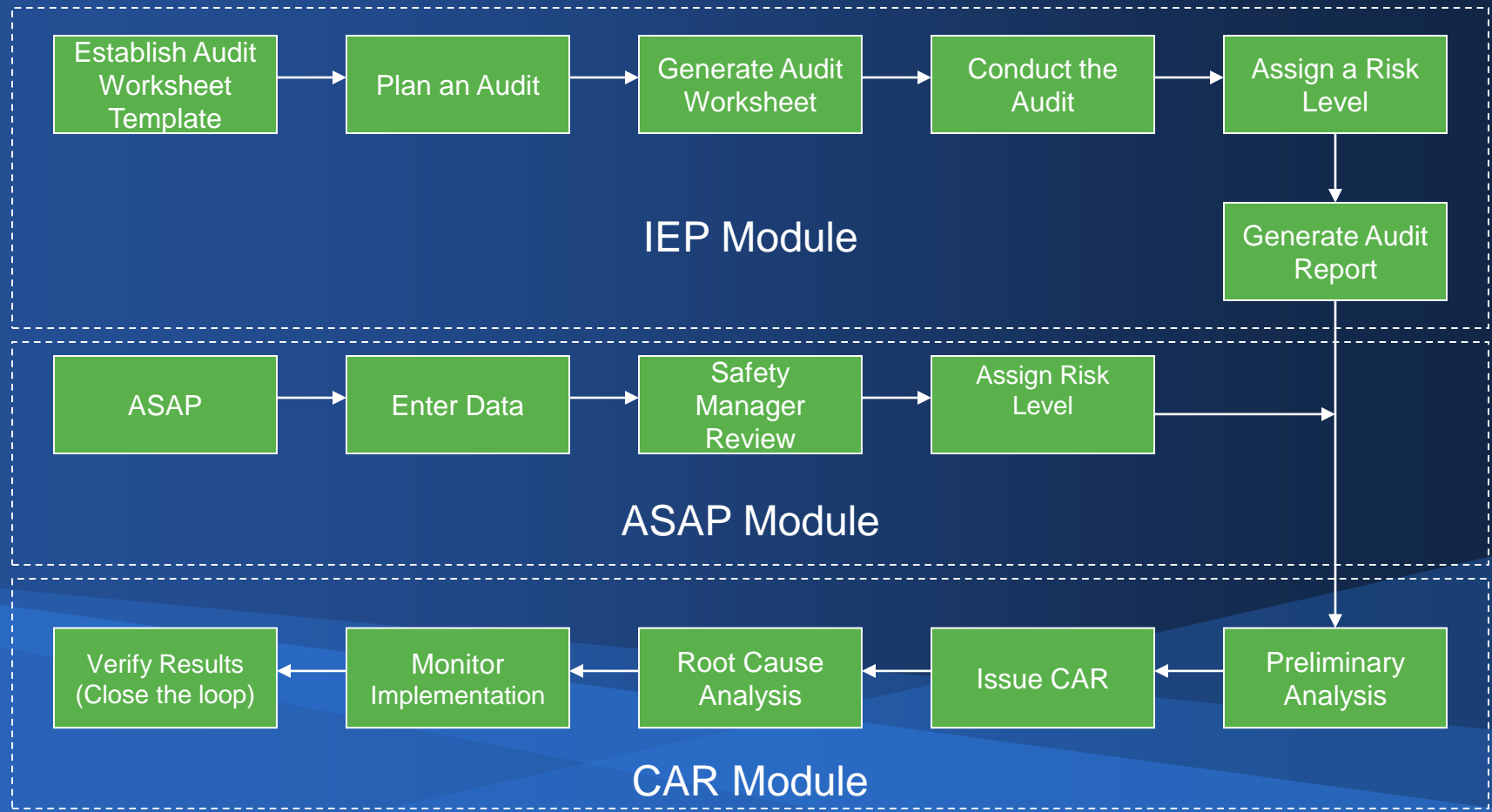
- Advanced Business Process
  - Next Generation, Web-based global corrective action management system
  - Real-time corrective/preventive tracking and reporting
  - Managing ALL types of corrective/preventive actions and monitor action progress online
- The Latest in Information Technology
  - Microsoft .net C # - flexible and scalable solutions
  - MS SQL Server 2008/2012 - secure and reliable data management
- Server Requirements
  - Window Server 2008 with IIS 7.0 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
  - Offsite, Vaulted, SAN backup or disaster recovery

# Proposed System Flow

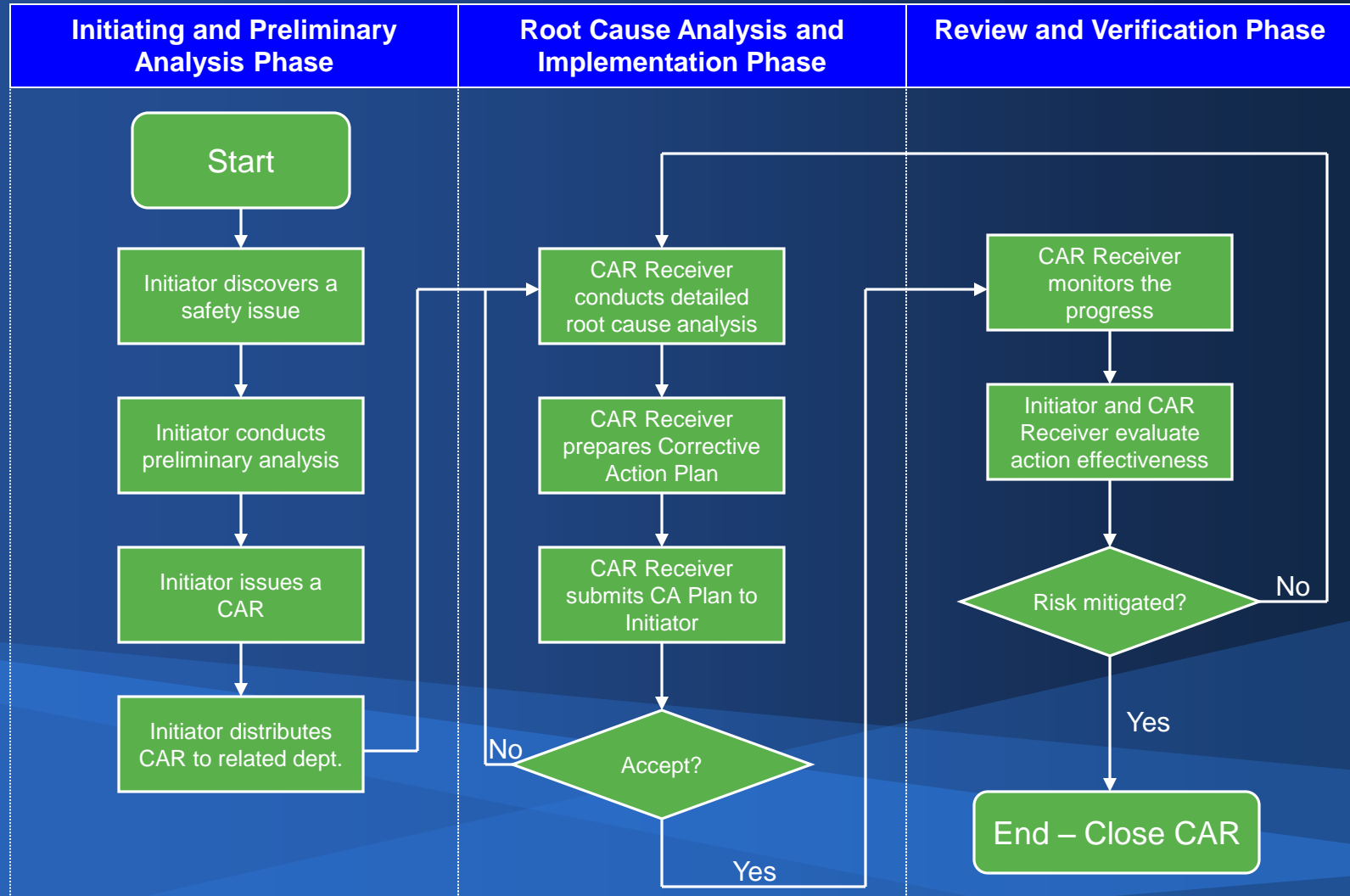




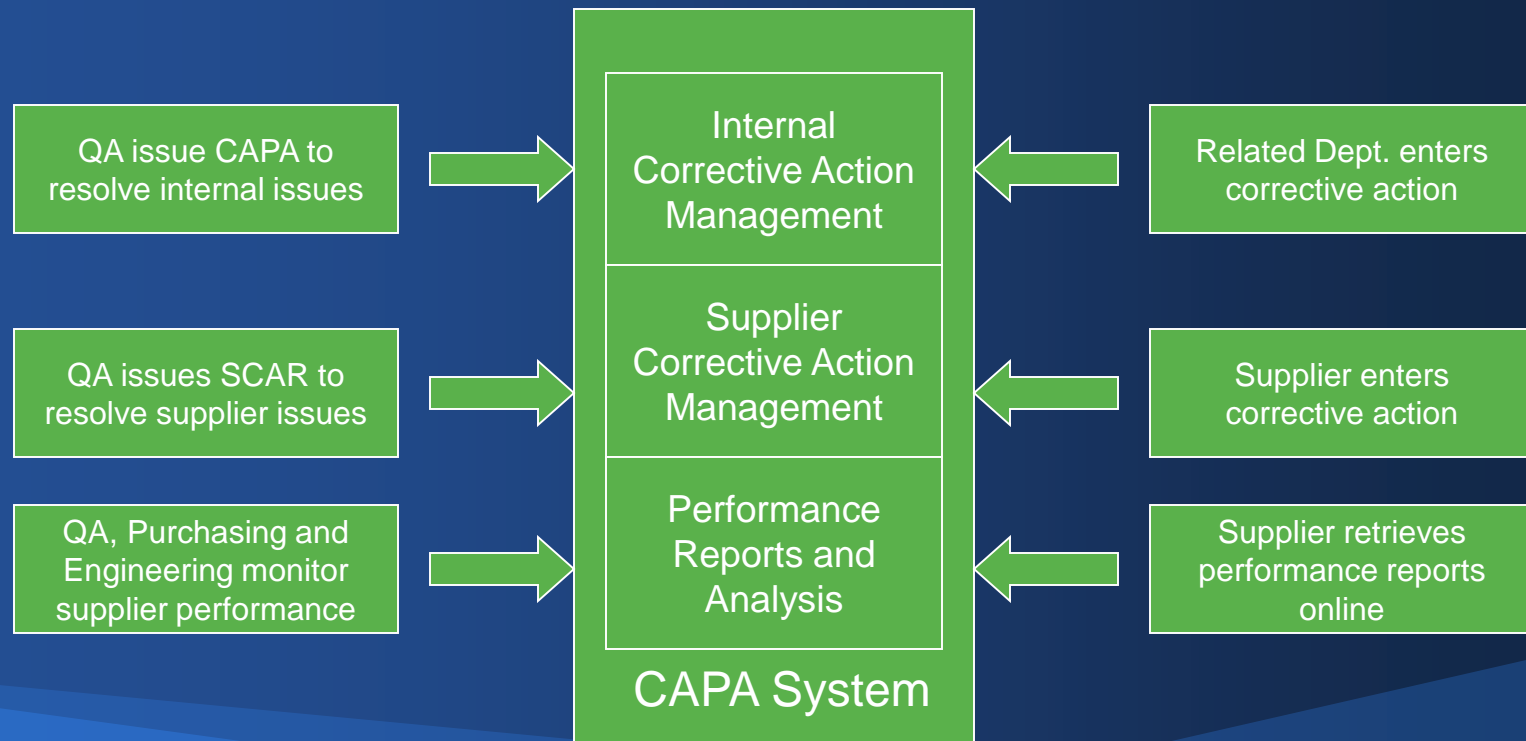
# QIT System Flow Chart



# CAR System Introduction - Process



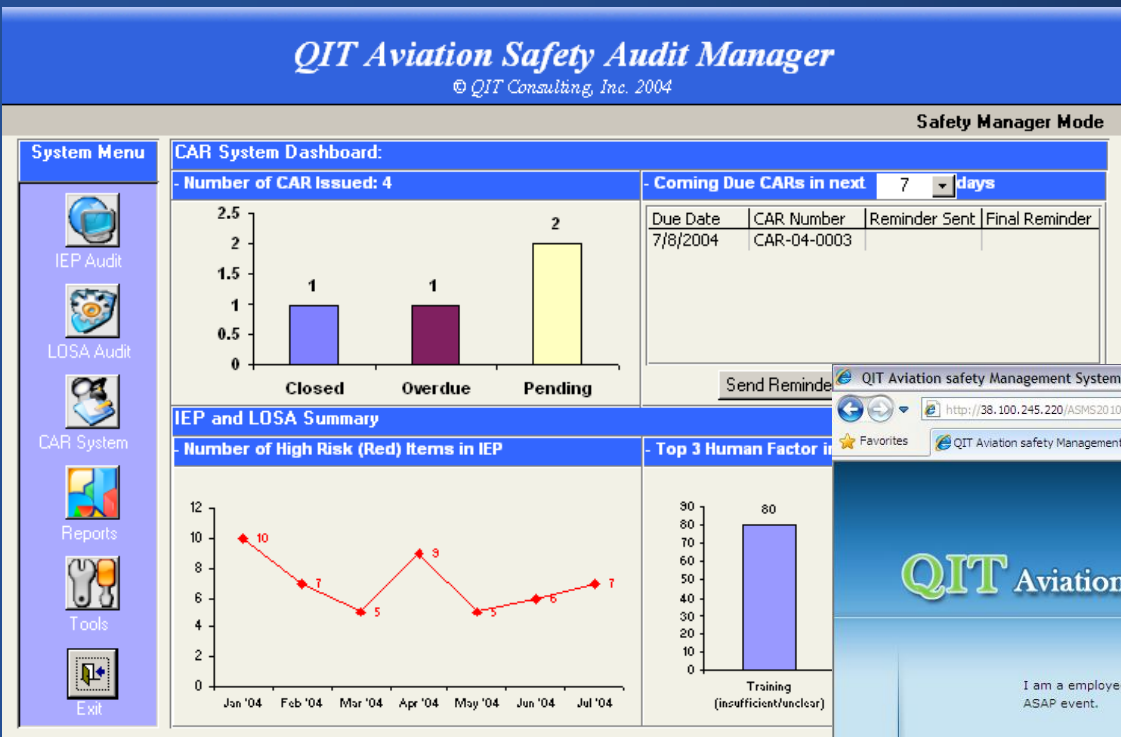
# System Flow



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

# QIT Aviation Safety Audit Manager

## Desktop/Workgroup Edition



QIT Aviation safety Management System - Windows Internet Explorer

http://38.100.245.220/ASMS2010\_v2/Login.aspx?ReturnUrl=%2fASMS2010\_v2%2fDefault.aspx

QIT Aviation Safety Management System

English 简体中文 Español Français

I am a employee and I want to submit an ASAP event.

I am a safety officer, and I want to log in to the system to conduct IEP evaluation, manage ASAP events and corrective actions, and review reports.

User Name:

Password:

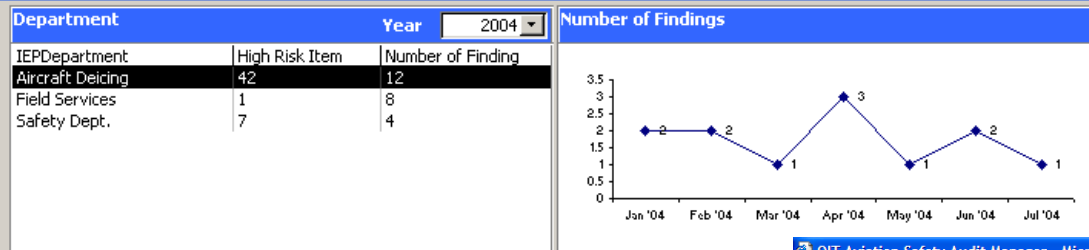
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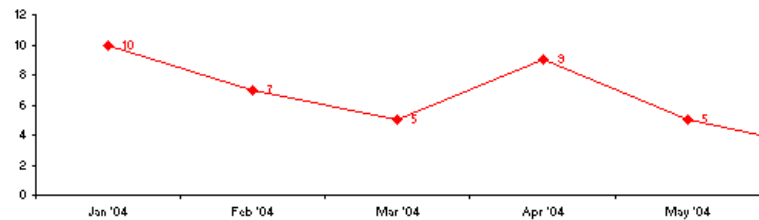
## Web Edition

# Risk Analysis

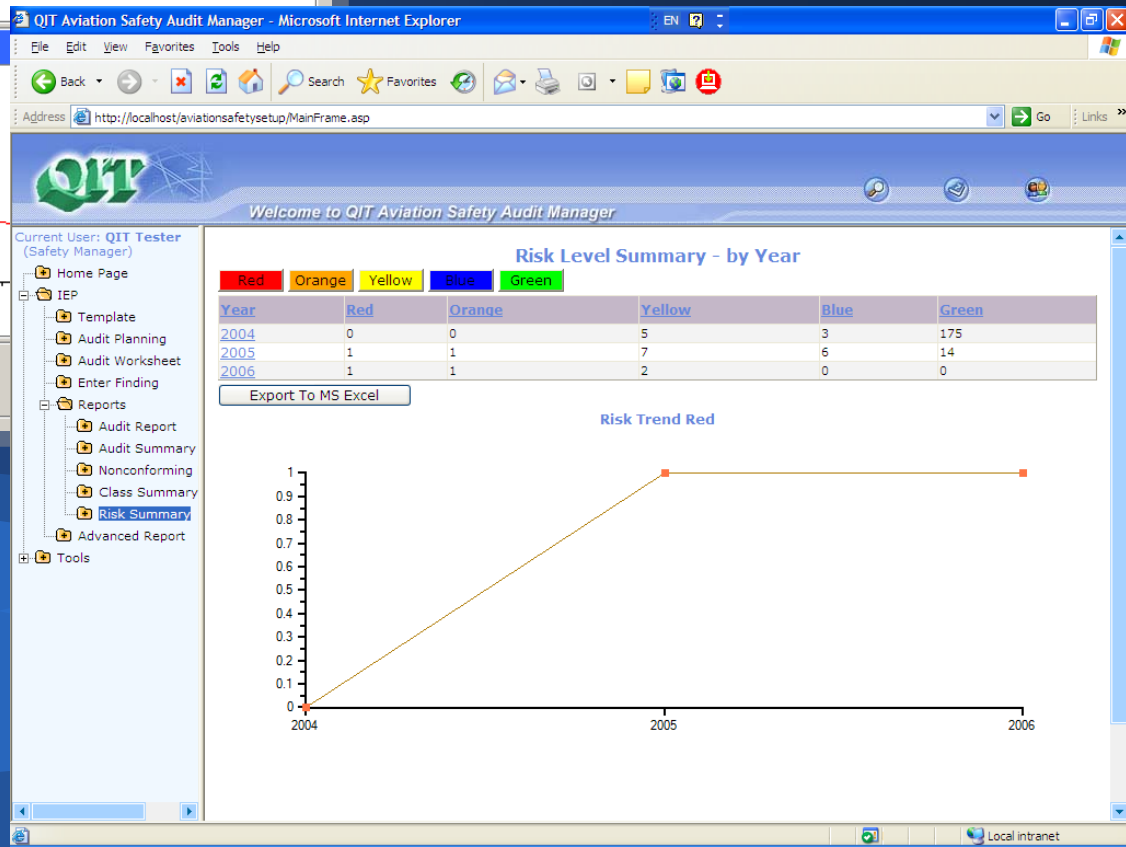
## IEP Audit Result Trend - by Department



## Number of High Risk (Red) Item

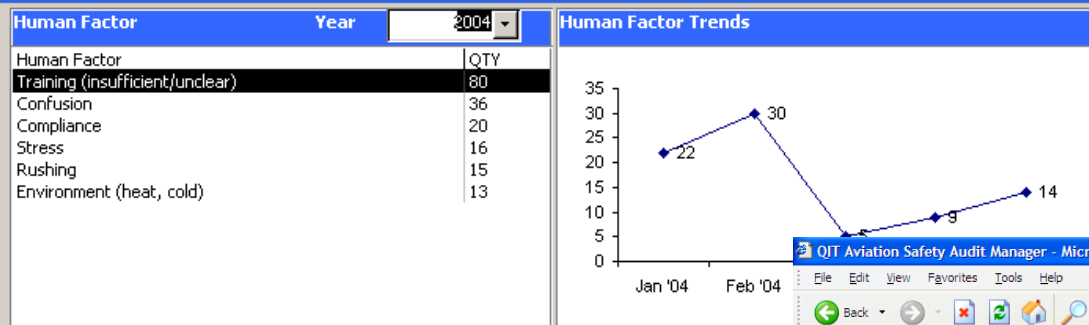


Issue CAR

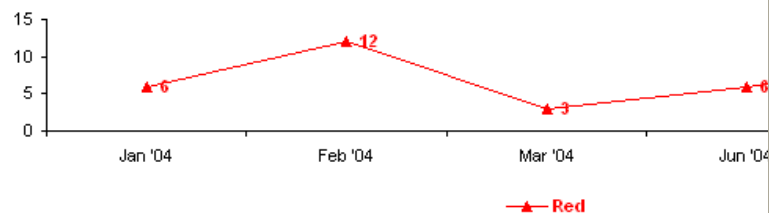


# Human Factor Analysis

## LOSA Comments Summary



## High Risk (Red) Category Trend



Issue CAR

QIT Aviation Safety Audit Manager - Microsoft Internet Explorer

Address: http://localhost/aviationsafetysetup/MainFrame.asp

Welcome to QIT Aviation Safety Audit Manager

Group by Human Factor

Year: 2004

Human Factor	Quantity
Complacency	141
Compliance	55
missed	55
Didn't Know	53
Errors	33
Distraction	23
Confusion	15
Experience Level	11
Rushing	7
New Procedure	3
Automation	2
CRM	1
Stress	1
Task Saturation	1
Training (insufficient/unclear)	1
	0

Export To MS Excel

Send email to [webmaster@QITConsulting.com](mailto:webmaster@QITConsulting.com) with questions or comments about this website.  
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Local intranet

# Why QIT

- We are a aviation safety management and quality assurance expert that focuses on driving process improvement, data analysis and problem solving
- Our software utilizes advanced safety management and quality assurance tools to help you mitigate risk and improve productivity
- Our software incorporates best practices from other businesses
- It simply works! Our software packages have been used by companies e.g. NetJets, Virgin American, and President Airways
- Cost-effective, Quick Turnaround, Customizable and Scalable

# Aviation Safety Managers' Testimonials

- "This simple, time-saving and well organized application takes the manager out of key-punching and allows managers to manage . . . more than one safety program . . . with less administrative support."
- "One of the best pluses in using this system is it is very easy to use without a lot of training. It has saved me an incredible amount of manual labor in that it issues and tracks to conclusion corrective action requests..."
- "No matter what kind of auditing our department does, this application allows one person to manage it without administrative support because most of the traditional audit functions are well organized and functionalized inside the application."
- "We are finally "closing the loop" on identified safety issues by having a history record of "accepted" risks or corrective actions by department heads that make them accountable for their decisions."
- "I highly recommend any company to work with QIT. They show respect and understanding of our business needs."
- "It is very easy to find each function and navigate without time consuming mouse clicks!"



# 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

# QIT's Programs

- QIT Quality Management System (QMS)
- QIT Customer Relationship Management (CRM)
- QIT Supply Chain Management (SCM)
- QIT Aviation Safety Management System (SMS)