

John M. Cachat

Professional Background

Career Timeline

1980s

GMI - BSIE

Texas A&M - MSIE

WPAFB \$1M QMS Research

Founded IQS Inc. (1988)

1990s

NE Ohio Congressional & NASA

MQAC Consortium • ASQ QM Division

ASQ QMIS Committee Chair

2000s

MQACII Consortium

IBM APQP Project • Sold IQS (2008)

2010s

Silico LLC - Low Code Platform

ERP Company - SVP Strategy

AIAG APQP/PPAP Project

2020s

ASQ Quality 4.0 CMC Chair

Integrated Process Excellence

General Motors Institute - BSIE

5-Year Co-op Program

- Specialized in Operations Research
- Worked every hourly position in union plant
- Plant Supervisor - production, inspection, maintenance
- Front Office experience in Engineering, Quality, Labor Relations, HR



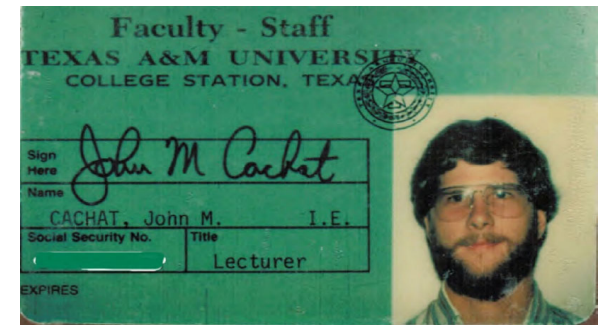
Key Achievement: Upon graduation, coordinated new quality philosophy involving production employees assuming inspection tasks and inspectors performing SPC activities

Recognition: Entrepreneur of the Year and Outstanding Management Achievement Awards

Texas A&M University - MSIE

Automated Manufacturing Program

- Recruited to new Masters program focusing on Robotics, Expert Systems, and AI
- Completed 2-year program in 1 year with 4.0 GPA
- Taught undergraduate Statistical Process Control with labs
- Master's Thesis: Evaluation of Machine Vision Systems for Quality Applications



IE314 Statistical Process Control Instructor

WPAFB \$1M QMS Research

Cleveland Pneumatic Landing Gear

Director of Quality Engineering - 1 level below President

Managed \$1M WPAFB Technology Modernization (TechMod) Grant to develop data models for aerospace manufacturers.

Scope: Everything except accounting and inventory (MRP already existed)



Key Innovations

Application of SPC in low volume manufacturing

Computerized MRB process

SPC Transition from High Volume Automotive to Low Volume Aerospace

Founded IQS, Inc. (1988)

Commercial Spin-off from WPAFB Research • Sold 2008



Created multi-million-dollar international software company from scratch

Winning culture based on integrity and customer satisfaction

Internationally recognized as quality management market visionary

Influenced FDA Guidance for Industry Quality Systems Approach to Pharmaceutical CGMP

Strategic Partnerships:

Oracle • QAD • Infor • Epicor

FDA Initiative August 2002

**Pharmaceutical CGMP for the 21st Century:
A Risk-based Approach**

A science and risk-based approach to product quality regulation
incorporating an **integrated quality system** approach

Northeast Ohio Congressional District & NASA

Challenge: NEO Congressional Offices secured large NASA Lewis contract. Prime contractor Rocketdyne in California claimed Ohio companies did not understand aerospace quality system needs.

Cachat's Response

Taught "Quality Systems for Higher Profit and Market Share" in Congressional sponsored events

Invited to NASA Team helping Small & Disadvantaged Companies comply with NASA 5300 Quality Systems

Team members included NASA primes, including Rocketdyne

MQAC - 1st Consortium (PC-Based)

Created on the fly during NASA Headquarters Meeting

200+ companies invested starting at \$4,500, increasing to \$7,500, then \$15,000 as software developed

No software existed initially - just WPAFB research model

Member Companies Included:



GRUMMAN



MARTIN MARIETTA

Thiokol

Rockwell International



TIMKEN



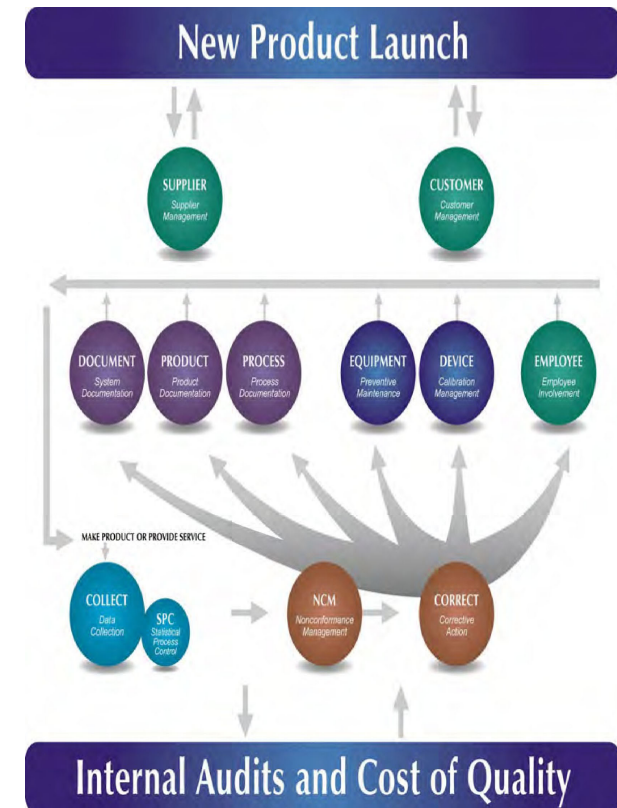
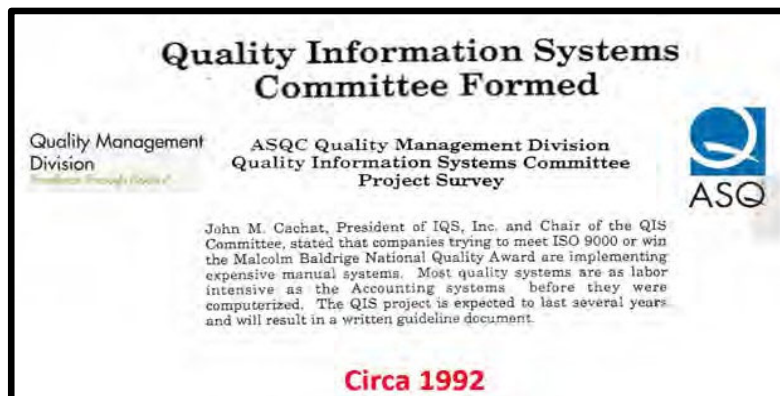
ASQ Quality Management Information Systems (QMIS) Committee

Project Chair

WPAFB Research Becomes the Standard for QMS Software

Established industry-wide quality management system framework

Cachat leads diverse group of professional from a variety of industries



MQACII - 2nd Consortium (Client Server)

Challenge: American Axle Manufacturing (AAM) created by acquisition of several GM plants
AAM research by EDS identified IQS as only provider capable of replacing legacy GM QMS, but required Oracle Client Server technology

Solution: Created MQACII for Client Server development

Investment structure: 1st member \$250K, then \$300K, then \$350K, etc.

Member Companies:



IBM Automotive Group APQP Project



Cloud Application Before SaaS even Existed!

Funded after meeting with President of IBM

Lou Gerstner



IQS is Selected by IBM for Auto Industry e-Sourcing

12 January 2001

IQS is Selected by IBM for Auto Industry e-Sourcing

CLEVELAND, Jan. 12 IQS, Inc. (<http://www.iqs.com>) -- a leading provider of advanced QS-9000 collaborative e-business software solutions -- announced at the North American International Auto Show in Detroit that it is teaming with IBM in delivering IBMPlaces, a new e-sourcing option for automakers and their suppliers that enables them to lease leading-edge business applications over the Internet.

IQS and IBM are offering a Web-based solution to automate the complex and rapidly evolving Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP) functions. The automation of these processes, coupled with real-time collaboration, will transform the industry by dramatically improving existing processes for both suppliers and Original Equipment Manufacturers (OEMs) through shortened time-to-market, increased focus on core competencies, global synchronization, elimination of non-value added tasks and risk reduction.

The real opportunity is for an entire supply chain to implement the same quality process via the Web through an e-sourcing software application for a low monthly fee. Using a common infrastructure allows the OEM, or large supplier, rapid deployment of new modifications or additions to the quality process. It also saves the cost of replication of the infrastructure for each company in the chain. This monthly fee will be low enough to encourage usage and provide a quick return on investment.

"Our automotive e-business initiative allows engineering and quality professionals to collaborate across the supply chain to accelerate product development and time-to-market," said John Cachat, IQS President and Founder. "IQS joining with IBM provides global e-business technical resources and support."

2nd Software Company - Silico, LLC

Low Code / No Code Technology

Business Transition:

Silico closed after Cachat recruited by ERP company

Transferred all QMS technology to Interneer

Interneer rebranded as Intellect, focusing on QMS market



Recruited by ERP Software Company

SVP Solution Strategy



3 Acquisitions in 12 months

Supported M&A efforts for new ERP startup

6 Months Development

Built ERP application with 5 people

Technology: Low code / no code software development platform

Automotive Industry PPAP Transition

AIAG Core Tools Software Project Manager

"John effectively led a very diverse group of subject matter experts through the successful design, development and launch of the Core Tools Software. He was thorough and inclusive in his approach on this complex system. When answers weren't known, he triggered global surveys designed with the Voice of the Customer in mind."

— Industry Colleague, 10+ Year Collaboration



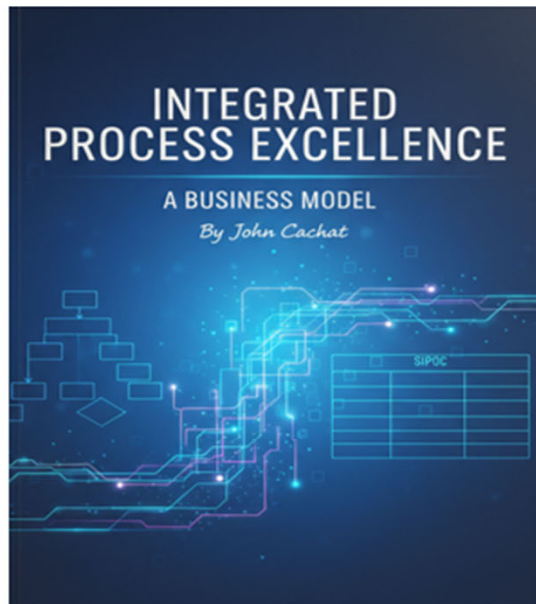
ASQ Quality 4.0 Content Management Committee

Project Chair

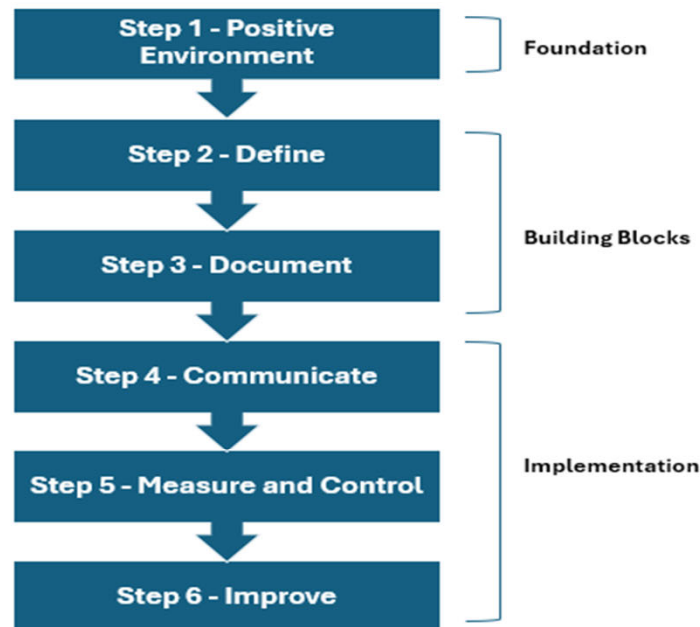


Creator Integrated Process Excellence (IPE) Framework

Agentic AI Framework – Deployment Model
Empowering enterprises to scale AI with confidence and control



The Book



Six How To Books

Process Maps
SIPOC
Process Models
KPIs Cause and Effect
AI LLM

Templates

www.ipe.services

John M. Cachat

I like helping people. I value challenges, creativity, and integrity.

I build relationships and turn confusion into clarity.

With a focus on enhancing communication between IT professionals and business process executives, the approach ensures new technologies align with business objectives. This commitment to synergy has consistently led to significant operational efficiency gains and improved customer experiences across diverse organizations.



John M. Cachat

30+ Years of Operational Excellence

Founder • Innovator • Industry Leader

Quality Management Systems • Enterprise Transformation

Software Development • Consortium Building