



# Cyrus Kotval – Associate Partner Precipio, LLC



## Background

Cyrus is a hands-on and experienced senior leader, with a background including leveraging cross-functional teams to improve KPIs that impact the bottom line. Cyrus has validated excellence in all aspects of quality, manufacturing, and business process improvement. Demonstrable success in strategic and tactical planning, and targeting improvement opportunities. Cyrus has made verifiable contributions to individual and team successes using his leadership, negotiation, and communication skills.

### Education:

- Ph.D., Industrial Engineering (Manufacturing), Purdue University
- M.S., Industrial Engineering, Purdue University
- B. Tech, Mechanical Engineering, Indian Institute of Technology, Bombay, India
- Six Sigma Black Belt Training (Motorola) and Black Belt Certification - ASQ
- Rapid Improvement Workshop (Kaizen) Leader Certification - Deltapoint
- Demand Flow Technology - Demand Flow Institute

## Functional Expertise

- ISO
- Quality Systems
- Manufacturing / Production
- Cleanroom (Class 100)
- Supply Chain
- Engineering / R&D
- Operations
- Lean Six Sigma/Process Excellence
- Executive Management
- Training / Facilitation

## Industry Experience

- Medical Device
- Telecommunications
- Microelectronics / Hardware
- Transportation
- Federal (Technology)
- Electro-Mechanical Devices
- Precision Cleaning
- Electronics / Networking Services

## Relevant Experience

### Major ISO Consulting Firm:

Conduct ISO 13485 audits and process control maturity assessments for critical suppliers of medical products to major OEMs, including CVS, Surgical Technologies, and Spinal and Biologics product business units

### Major Telecommunications Company:

Headed a team effort to review quality databases and establish ground rules for accurate reporting of key TL performance metrics, including ERI, YRR, LTR and cumulative MTBF

### Global Hard Disk and Flash Memory Producer:

Implemented TPS methods on China back-end assembly lines for flash memory products, to enable continuous flow, reduce cycle time 27%, floor space 37% and WIP 55%.

Headed up the re-engineering of the Product Life Cycle in order to align and integrate processes with a newly acquired company and the new organization's business units. Deployed required training, tools, and KPIs, resulting in more rigorous and consistent adherence to the process and results.

Shortened lead time of order-to-delivery process by 50% by implementing proven Lean techniques to reduce waste.

Reduced customer quality incidents by 21% in three months by implementing an effective tracking and prioritization system, which identified and targeted areas for 8D problem solving and continuous improvement.

### Major Microelectronics Corporation:

Maintained ISO 9001 QMS. Realized a 30% reduction in quality issues at product launch and a 48% increase in new product awards by leading development of a Product Life Cycle process, creating robust design, DFX and industrialization disciplines, while incorporating good design and qualification practices

### Global Electronic and Electrical Cable Producer:

Achieved a 23% reduction in start-up defects and 18% defect reduction in production using 8D, IPC-A-610 and IPC/WHMA-620 standards. Mentored, coached, and trained personnel in quality methods and tools.

Resolved a customer field-failure crisis, implemented DOE and statistical process controls, and saved \$448K/year. Led this Six Sigma DMAIC project and increased Cpk from 0.87 to more than 1.33