Charting the Pulse

A Comprehensive Look at The Current State of Requirements in the Medical Device Industry

nating the intricate relationship between organizational processes and quality requirements. Drawing insights from the responses of more than 150 engineering professionals across diverse

QRA and The Engineer partnered to conduct a comprehensive research survey aimed at illumi-

industries, this survey delves into the challenges and opportunities surrounding requirements, offering a nuanced understanding of current landscapes. Segmenting the data by industry results in tailored insights and statistical benchmarks allowing

your team to navigate the specific dynamics of your industry.

Requirements?

Do You Have Tools and Process in Place to Manage and Process Technical





the Quality of the Technical Requirements?

Utilization of Tool and Processes

Your Organization Consider the Quality of the Technical Requirements?

How Important to a Successful Product or Project Outcome Does





50% Organizational Structure and Responsibility 33%



6-10% 33%

1-5%



49%

67%

17% 17% **17%**



Experience and Domain Knowledge 17%

Research and Quantitative Measures



On a

Situational

Basis

23%

Meetings

and

Training

33%

Planned

Reducing Requirement Rewriting 23% **38%** Requirement Traceability

8%

8%

Using

Software

For Which Aspects of the Requirements Process Would Your

Using a

Review

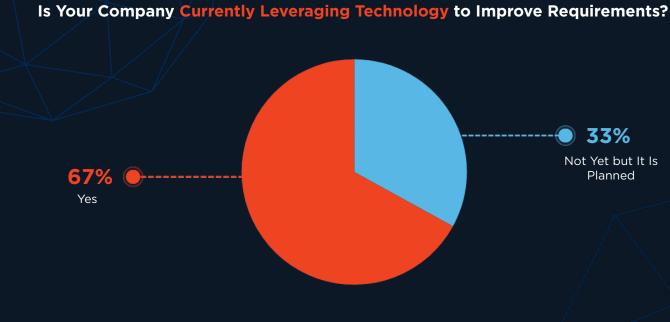
Stage

Team Benefit From Having Additional Support?

Reviewing Requirements

Implementing Formal Processes

Writing Consistently



What Are the Processes for Requirements Development

Receiving Customer Requirements and

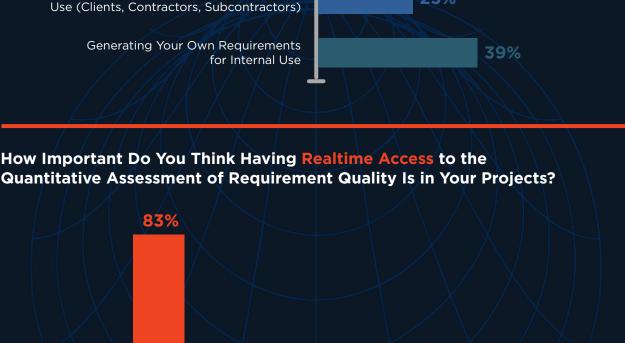
Receiving Customer Requirements and

Decomposing Them Into Your Own

and How Are They Used?

23% Proceeding With Them as Is Generating Internal Requirements for External 23%

15%



17%

Somewhat

Important

0%

Not

Important

What Benefits Would You and Your Team Derive From Having Realtime Access to the Quantitative Assessment of the Quality of Requirements

0%

Important

Very

Important

Across All Documents?

suite of requirements tools.



Embracing innovation and technology is essential to thriving in this evolving landscape. Integrating software tools with requirements offers a powerful option for enhancing the capabilities of requirement authors, leaders, and Learn how you can embrace these technologies with the help of QRA and our

Traditional methods of managing requirements are no longer practical.