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**An Analysis of the existing
Software Quality Standards**

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TABLE of CONTENT

ACKNOWLEDGEMENT	3
ABSTRACT	4
CHAPTER 1: INTRODUCTION	5
1.1 INTRODUCTION	6
1.2 SCOPE AND OBJECTIVES OF THE THESIS.....	6
1.3 SOFTWARE QUALITY STANDARDS PROBLEM	7
1.4 RESEARCH METHODOLOGY	10
1.5 LITERATURE REVIEW.....	11
CHAPTER 2: SOFTWARE QUALITY STANDARDS	15
2.1 SOFTWARE QUALITY STANDARDS	15
2.2 ISO SOFTWARE QUALITY STANDARDS	16
2.3 SEI/CMM SOFTWARE QUALITY STANDARDS.....	19
2.4 SPICE SOFTWARE QUALITY STANDARDS	25
2.5 SOFTWARE INDUSTRY'S TREND ANALYSIS.....	26
CHAPTER 3: SOFTWARE QUALITY SWOT ANALYSIS	29
3.1 SOFTWARE PRODUCT ATTRIBUTE & IT DIMENSION IMPACT.....	29
3.2 SOFTWARE QUALITY STANDARDS ANALYSIS	31
3.3 COMPARISON BETWEEN ISO9000 AND SEI	32
3.4 STRENGTHS OF THE EXISTING QUALITY STANDARDS	35
3.5 WEAKNESS OF THE EXISTING QUALITY STANDARDS	38
3.6 THREATS OF THE EXISTING QUALITY STANDARDS.....	47
3.7 OPPORTUNITY OF THE EXISTING QUALITY STANDARDS	50
3.8 SUMMARY OF THE SWOT ANALYSIS.....	50
CHAPTER 4: IT ORGANIZATIONAL STRUCTURE	52
4.1 ROLES OF IT ORGANIZATION.....	53
4.2 ORGANIZATION, GROUP AND PROJECT	55
4.3 INDEPENDENCE OF THE ORGANIZATIONAL STRUCTURE.....	57
4.4 THE FIRM'S ORGANIZATIONAL STYLE.....	61
4.5 LIMITATION OF THE CURRENT ORGANIZATIONAL MODEL.....	62
4.6 THE PROPOSED ORGANIZATIONAL STRUCTURE: STARO MODAL.....	63
4.7 APPLICATION OF THE STARO MODEL.....	75
4.8 JUSTIFICATIONS FOR THE STARO MODEL.....	77
4.8 STARO MODEL IMPLEMENTATION CONSIDERATION	79
4.9 LIMITATION OF THE STARO MODEL	80
CHAPTER 5: CONCLUSION	82
5.1 RECOMMENDATIONS.....	82
5.2 THE ANSWER TO THESIS QUESTIONS.....	85
5.3 SUMMARY	86
GLOSSARY	88
REFERENCES:	90
APPENDIX	95
(A) DR W. EDWARDS DEMING'S 14 POINTS ON QUALITY	95
(B) SEI CERTIFIED COMPANIES	96
(C) EXAMPLE OF EXISTING ORGANIZATION STRUCTURE	102
(D) COMPANIES REFERRED TO, BY THIS RESEARCH.	105
(E) SEI ROLES AND RESPONSIBILITIES	106

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ABSTRACT

The rapid growth in technology, the new business needs, the new business focus and new business strategies in the recent years have shifted the software industry into a new era. Some of the obvious trends, that are very visible in the IT (Information Technology) world are: shorter software development life cycle; the emergence of new software development languages and tools; the introduction of new software quality assurance (SQA) tools; a shifts in software development paradigm (such as RAD methodology), and; the emergence of new concepts like Artificial Intelligence (AI), Virtual Reality and WEB. In spite of the evolution of the software industry, the **Software Quality Standards** and the **IT position** within the firm *organizational decision structure* has not made much changes in parallel to match these IT evolutionary change.

These changes has substantially effected the software quality method and the IT positions within the organization decision process giving rise to 2 important questions:

1. Are the current software quality standards, namely ISO9000, SEI & SPICE, obsolete?
2. What is the suitable IT position within an organizational decision structure to meet these new challenges of IT?

This report will attempt to answer these two questions.