

A VISION FOR THE FUTURE OF THE COST ACCOUNTING PROFESSION

STRATEGIC COST ASSURANCE

Abstract

Cost audit has played a key role in establishing confidence in cost records and strengthening the quality of cost information available to business and other stakeholders. However, the economics of enterprise performance is changing rapidly. Global competition, volatile input costs, complex supply chains, digitalisation, artificial intelligence and increasing emphasis on productivity and sustainable value creation require organisations to understand not only what costs are, but why they arise and how they can be managed better. This article proposes Strategic Cost Assurance as a possible future direction for the Cost Accounting profession. The proposition is not to duplicate financial audit or enter domains belonging to other professions, but to build upon the Cost Accountant's distinctive understanding of cost, resources, productivity, and operational economics. Strategic Cost Assurance could provide independent confidence in cost intelligence, cost governance, resource utilisation, productivity, and sustainable value creation.

Introduction

Every profession periodically needs to ask a fundamental question:

Is its future relevance determined by what it does today, or by the value it can create for society and business tomorrow?

The Cost Accounting profession in India has a strong foundation in cost ascertainment, cost control, cost management, productivity, and



CMA Krishan Singh Berk

Practising Cost Accountant

Faridabad

ksberk@gmail.com

managerial decision-making. Cost audit has further established an important mechanism for independent examination of specified cost records.

That foundation remains valuable. However, the business environment has changed profoundly. Global competition, volatile input prices, complex supply chains, technological disruption, artificial intelligence and increasing pressure for productivity and sustainable performance have made cost a strategic determinant of competitiveness.

The question, therefore, is not whether cost audit remains relevant. The larger question is:

How can the knowledge, discipline and independence develop through cost accounting and cost audit evolve to create greater professional value in the future?

This article proposes one possible direction: the evolution from Cost Audit towards Strategic Cost Assurance.

This is not a proposal to replace statutory cost audit, nor an attempt to replicate the role of another profession. It is a vision for deepening the distinctive contribution of the Cost Accountant.

From Cost Records to Cost Intelligence

The traditional foundation of cost audit is the reliability of cost accounting records. Reliable cost

records remain essential for informed management, pricing, regulatory oversight, and economic decision-making.

But reliable records are the foundation, not necessarily the destination.

Modern enterprises need to understand not merely what a product, service, or process costs, but why it costs what it costs, what drives the cost, how those drivers behave and what management can do about them.

Strategic cost management has long emphasised the importance of understanding cost drivers, value chains, and strategic positioning rather than viewing cost simply as an accounting outcome (Shank & Govindarajan, 1993).

The challenge is therefore moving from:

“Do we have cost information?”

to:

“Do we have reliable cost intelligence?”

and ultimately:

“Can management rely on that intelligence for important economic decisions?”

This creates a natural opportunity for the Cost Accountant.

The first generation of cost audit established confidence in cost records. The next generation can aspire to establish confidence in the quality of cost management.

From Verification to Strategic Cost Assurance

Verification establishes whether specified records or information conform to defined requirements. Assurance has a broader purpose: creating confidence regarding the reliability or quality of information, systems, processes, or performance.

Strategic Cost Assurance is therefore not

an attempt to overturn the existing profession or displace statutory cost audit. Rather, as an evolutionary vision built upon an existing professional architecture, an attempt to redefine the profession by assertion—extending its distinctive foundation in cost information and analysis towards cost intelligence, resource efficiency, productivity, operational performance, and sustainable value creation.

Cost Audit → Assurance → Strategic Cost Assurance → Four Dimensions

Strategic Cost Assurance can build upon this broader concept.

It could encompass independent professional evaluation of:

- ⊙ the reliability and relevance of cost information
- ⊙ transparency of cost drivers
- ⊙ effectiveness of cost-management systems
- ⊙ resource and capacity utilisation
- ⊙ productivity and operational efficiency
- ⊙ cost governance
- ⊙ cost-optimisation initiatives; and
- ⊙ the quality of cost information supporting strategic decisions.

The progression can therefore be expressed as:

Verification → Assurance → Insight → Improvement

This does not mean that the Cost Accountant assumes management responsibility. Management remains responsible for strategy and decisions. The professional contribution is to provide independent confidence in the quality of the cost information, systems, and processes upon which those decisions depend.

The Four Dimensions of Future Cost Assurance

The proposed framework can be viewed through four interconnected dimensions:

Dimension	Traditional emphasis	Strategic Cost Assurance emphasis	Key assurance question
1. Cost Intelligence	Cost records and measurement	Cost drivers, cost behaviour, analytics, and decision-useful intelligence	Can management rely on its cost intelligence?

2. Cost Governance	Compliance with prescribed requirements	Accountability, ownership, controls, processes, and cost-management discipline	Are costs being governed systematically?
3. Productivity & Resource Efficiency	Cost control and variance analysis	Capacity utilisation, productivity, waste, process efficiency, and resource optimisation	Are resources producing the expected economic output?
4. Sustainable Value Creation	Historical cost and reported results	Sustainability of savings, quality, capability, competitiveness, and long-term value	Is cost improvement creating sustainable economic value?

These dimensions represent an evolution rather than a replacement of the existing foundation.

1. Cost Intelligence

Cost intelligence goes beyond cost measurement to understand cost drivers, cost behaviour, and economic consequences. It connects financial information with operational realities.

2. Cost Governance

Cost is created throughout the enterprise—in product design, procurement, manufacturing, logistics, technology, quality, and commercial decisions. Cost management is therefore not merely an accounting function; it is a governance issue involving ownership, accountability, measurement, and corrective action.

3. Productivity and Resource Efficiency

Cost and productivity are inseparable. Cost reduction alone does not necessarily improve performance. The more meaningful relationship is:

Resources → Processes → Productivity → Cost → Performance → Value

Strategic Cost Assurance could examine whether resources are being utilised efficiently and whether claimed productivity improvements are real and sustainable.

4. Sustainable Value Creation

A reduction in expenditure that damages quality, innovation, capability, or future capacity may create short-term savings but destroy long-term value.

The professional question should therefore evolve from:

“How much cost has been reduced?”

to:

“What sustainable economic value has been created through better management of resources and cost?”

A Practical Illustration: From Cost Audit to Strategic Cost Assurance

Consider as an illustrative example, a manufacturing company whose statutory cost audit identifies a significant increase in manufacturing overhead per unit.

A conventional cost audit may verify the classification, allocation and reporting of the overhead and identify the relevant variance.

A Strategic Cost Assurance engagement could take the analysis further:

Cost records → Variance identified → Cost-driver analysis → Operational investigation → Management action → Independent validation → Value impact.

For example, the practitioner may establish that the increase is not primarily caused by higher rates, but by lower capacity utilisation and increased machine downtime.

The assurance deliverable could then report:

Finding: Unit conversion cost increased by 8%.

Cause: Capacity utilisation declined from 82% to 70%, increasing fixed overhead per unit.

Operational implication: Lower throughput and higher conversion cost are reducing product competitiveness.

Management response: Planned maintenance, bottleneck removal, and improved production scheduling.

Assurance follow-up: Validate whether the actions deliver the projected productivity improvement and whether the cost reduction is sustainable without compromising quality.

Thus, the output moves from merely reporting “what happened” to providing independent confidence about “why it happened, what is being done and whether the improvement is creating sustainable value.”

From Looking Back to Understanding Tomorrow

Traditional audit is necessarily concerned with what has happened. Strategic Cost Assurance can retain this discipline while introducing a stronger forward-looking dimension.

It can ask:

- ⊙ What caused the cost?
- ⊙ Are the underlying cost drivers understood?
- ⊙ Are they stable or changing?
- ⊙ What risks could alter future costs?
- ⊙ Are productivity improvements sustainable?
- ⊙ Are cost initiatives aligned with strategy?
- ⊙ Does management have reliable cost intelligence for future decisions?

This does not imply predicting the future with certainty. It means improving the quality of information, assumptions, systems, and processes through which management prepares for it.

The purpose of cost assurance should not end with explaining yesterday’s cost; it should increasingly help management understand the economics of tomorrow.

Strategic Cost Assurance in the Age of AI

Artificial intelligence is likely to transform cost management substantially. AI can support predictive costing, cost-driver analysis, procurement analytics, anomaly detection, capacity forecasting, productivity analysis, scenario modelling, and continuous cost monitoring.

But greater automation also creates a greater need for professional assurance.

Who assures the quality of the underlying data? Who challenges the assumptions? Who evaluates

whether an apparent saving is sustainable? Who determines whether an AI-generated recommendation has considered relevant economic trade-offs?

These are not merely technology questions. They are questions of professional judgment.

The future Cost Accountant need not compete with artificial intelligence. The profession can potentially provide **independent assurance over AI-enabled cost and performance intelligence.**

Complementary to Other Professions

The future of Cost Accountancy should not be built by claiming territory belonging to other professions. Financial audit, internal audit, taxation, consulting, engineering, and other disciplines have their own distinctive contributions.

The proposition is therefore not that Cost Accountants should become another type of auditor.

It is that they can deepen their distinctive domain:

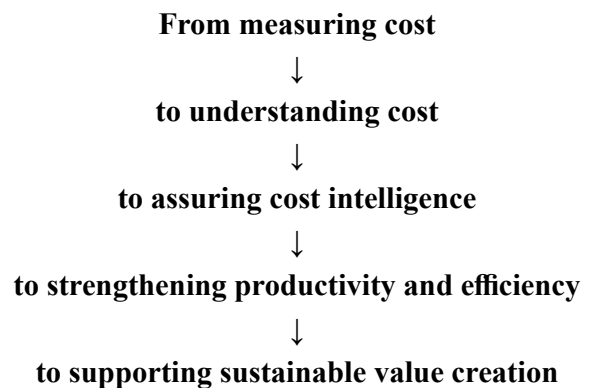
Cost + Resources + Productivity + Efficiency + Performance + Value

Financial audit can provide confidence in financial reporting. Strategic Cost Assurance could provide confidence in the **economics underlying enterprise performance.**

This is complementary, not competitive.

A New Professional Value Proposition

The evolution can be expressed simply:



This does not require an immediate change in statutory responsibilities. It requires a professional vision supported over time by appropriate standards, competencies, methodologies, technology capabilities, ethical safeguards and continuing

professional development.

The Cost Accountant of the future may increasingly need to combine traditional cost expertise with data analytics, technology, operations, strategy, risk, and business economics.

The objective is not to make the profession broader merely for the sake of being broader.

It is to make the profession more valuable because of what it uniquely understands.

A Call for Professional Dialogue

The proposition of Strategic Cost Assurance should be regarded as a subject for professional discussion and development rather than a finished institutional model.

The profession may wish to consider:

- ⊙ What should Strategic Cost Assurance mean in practice?
- ⊙ Which elements could evolve from existing cost-audit knowledge and experience?
- ⊙ What standards and competencies would be required?
- ⊙ How should professional independence be protected?
- ⊙ How should artificial intelligence and advanced analytics be incorporated?
- ⊙ How can the profession demonstrate measurable value to industry?

These questions deserve broad dialogue among Cost Accountants, industry, regulators, academics, and other stakeholders.

Conclusion

The history of Cost Accountancy has been strongly associated with a fundamental question:

What does it cost?

The modern enterprise increasingly needs answers to larger questions:

Why does it cost what it costs?

From verifying yesterday's costs to assuring tomorrow's competitiveness: Strategic Cost Assurance offers a new professional vision for the Cost Accountant

How efficiently are resources being used?

What drives productivity?

Are cost improvements sustainable?

What value is being created from the resources consumed?

These questions provide an opportunity for the profession to evolve without competing with other professions.

The purpose of cost audit should therefore not end with certifying yesterday's costs. It should increasingly contribute

to improving tomorrow's competitiveness.

The opportunity before the profession is consequently not merely to change the scope or terminology of an existing audit. It is to rethink the professional value of independent cost expertise.

The future relevance of the CMA profession will not be determined only by what it audits, but by the value it creates through its assurance.

The central message of this paper can be expressed simply:

Cost Audit → Cost Assurance → Strategic Cost Assurance → Cost Intelligence → Productivity & Resource Efficiency → Sustainable Value Creation → Enterprise Competitiveness **MA**

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