

# APPLYING STANDARDS & REFERENCE CONTENT

Apply Standards and Reference Content to Drive Performance, Minimize Cost and Maximize Value

## **Enterprise & Industry Standards**

Apply reusable best practices (what works well), industry practices (performance accelerators) and leading practices (outperforming and value patterns).

- 2. THE IMPORTANCE OF ENTERPRISE STANDARDS
- 4. DIFFERENTIATION OF LEADING PRACTICE CONCEPTS
- 5. HOW WE DEVELOP THE ENTERPRISE STANDARDS
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## The Importance of Enterprise Standards

LEADing Practice is an Enterprise Standards body that provides repeatable and reusable best practices (what works well), industry practices (performance accelerators), and leading practices (outperforming and value patterns). The Enterprise Standards are supported by integrable reference content that facilitates the executive's ability to influence organizational methods of thinking, working, modelling, implementing and governing. Thus, enabling the fulfilment of desired business outcomes.

Our Enterprise Standards and reference content are the result of years of international industry research and expert consensus on proven patterns. The reference content is methodology agnostic and vendor neutral, and can therefore be used with any framework, method or approach that an organization may already be using. The reference content has been carefully designed to be tailored and implemented by any organization, both large and small, regardless of the types of methods, products, services and activities with which they are engaged.

#### The Enterprise Standards are developed in the following ways:

- Research and analyze what works in a repeatable way (best practices) as well as what unique practices are applied by leading organizations (leading practices in figure 1);
- Identify common and repeatable patterns that provide the basis for the LEADing Practice Enterprise Standards;
- Package the identified repeatable patterns into reference content that significantly increases the level of reusability and replication within the areas of enterprise modelling, enterprise engineering and enterprise architecture; and
- Extend with accelerators that adopt and reproduce the identified best and leading practices across all industries and organizations.

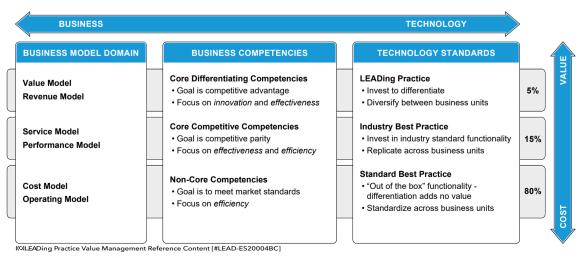


Figure 1: Where to apply Best Practice, Industry Practice and LEADing Practice.



## The Importance of Enterprise Standards

The Enterprise Standards are recognized as a paradigm shift to help decipher the complexity of organizations by working across disciplines such as Enterprise Architecture, Enterprise Modelling, Enterprise Engineering, and Enterprise Management. This is accomplished by using integrated artifacts (i.e. templates/models) that allows any practitioner to put everything into action. This interconnectivity unlocks the ability to capitalize on complexity with a new business outcome driven mindset, facilitated by the use of any artifact, allowing full control of engineered, modelled and architected concepts within their respective operating and performance models, including the cost, service and value models. This is seen as a unique and contemporary way of innovating, transforming and optimizing an organization.

LEADing Practice also specializes in developing Industry Standards that explore new ideas and reflect practical market requirements and how best to apply them. All industry reference content incorporates a continuous improvement approach that enables more than 5300+ worldwide practitioners and 52 industry user groups to actively participate in improving the existing standards. This approach introduces new concepts, adds artifacts, and explores new ways of aligning industry requirements with the most effective methods of engineering, architecting and modelling. We are also dedicated to the development of Enterprise Standards, and work in tight collaboration with many leading organizations from Fortune 500, governments, business schools, universities, research institutes, and other standards bodies such as ISO, CEN, MTRE, NATO, UNESCO, ISF, W3C, OMG, OASIS, and IEEE.

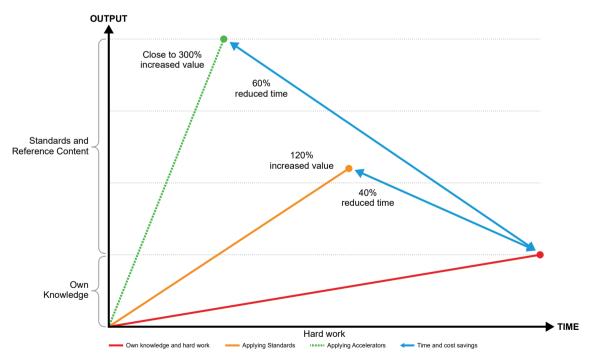


Figure 2: Adopt Standards and Reference Content to increase quality and value while decreasing costs and development time.

Once repeatable patterns has been identified (through output), even complex business and IT scenarios become simple to transform and align.



## **Differentiation of LEADing Practice Concepts**

LEADing Practice sets itself apart with an innovative methodology centered on structured pattern discovery. By categorizing practices into four types—worst, best, industry, and leading practices—it provides a comprehensive understanding of what works, what doesn't, and how organizations can excel. This systematic approach avoids the pitfalls of ad hoc methods, enabling organizations to achieve superior performance.

At its foundation lies reusable Reference Content, a game-changer in accelerating analysis, design, and development. Unlike traditional methodologies that offer limited or unstructured resources, LEADing Practice delivers tailored, reusable materials that save time, reduce costs, and boost quality. These tools create measurable value and drive consistent improvements. A hallmark of LEADing Practice is its cross-domain versatility. While traditional approaches are often siloed, this methodology applies across subjects and industries through an agile, object-oriented framework. This scalability allows organizations to address interconnected challenges with precision and adaptability.

The integration of enterprise modeling, engineering, and architecture ensures a holistic approach. By unifying these layers into a seamless framework, LEADing Practice overcomes the limitations of siloed methods, supporting large-scale transformations and operational excellence. Its approach to standardization is equally groundbreaking. Instead of relying on isolated agreements, it establishes reusable, high-value standards based on proven practices. These standards are practical tools designed to enhance performance and innovation.

Lastly, LEADing Practice shifts from consulting to empowering organizations with scalable, reusable solutions. By developing standards and frameworks organizations can implement themselves, it delivers lasting improvements in efficiency, quality, and value. LEADing Practice bridges gaps in traditional methods with its focus on agility, reusability, and measurable results, offering a truly transformative approach to enterprise success.

Aspect	Traditional Approaches	LEADing Practice Approach
Pattern Discovery	Not applied or Ad hoc	Categorized into worst, best, industry, and leading practices
Reference Content	Limited or absent	Reusable, used as accelerators, increases quality and value
Focus	Subject/Domain-specific	Cross-domain and subjects
Methodology	Static, rigid	Object-oriented, across layers, agile and scalable
Enterprise Integration	Siloed (modeling or architecture only)	Seamless combination of modeling, engineering, and architecture
Standardization	Own Standards or agreed-upon standards only	Standardisation based on repeatable and reusable best practices (what works well), industry practices (performance accelerators), and leading practices (outperforming and value patterns
Role	Create solution based on consulting	Standardization organization



## How we develop the Enterprise Standards

Simply put, the lack of existing Enterprise Standards in the areas of:

- 1. Enterprise Management,
- 2. Enterprise Modelling,
- 3. Enterprise Engineering,
- 4. Enterprise Architecture,
- 5. Enterprise Information & Technology, and
- 6. Enterprise Transformation & Innovation

has created the demand for such a community.

The analysis and research done within the Global University Alliance - a group of 450+ universities, academics, researchers and industry professionals - has identified that the lack of repeatable standards imposes high cost, has a severe lack of innovation and often carries along with it many business process inefficiencies. The need to develop reusable and replicable patterns that can be implemented by any organization, both large and small, regardless of its products, services and activities is therefore incumbent.

The Enterprise Standards are the result of years of international academic research and industry expert consensus on repeatable patterns that can be reused and replicated. The Enterprise Standards are packaged as 'Reference Content', and is both agnostic and vendor neutral. They have been specifically designed to be fully tailored and implemented by any organization, both large and small, regardless of its various frameworks, methods, approaches, products, services and activities. The standards and their reference content describe the set of steps and procedures an organization needs to follow in order to replicate the ability to identify, create and realize value across any program, project or initiative.

Today, over 5300+ practitioners in the above 6 areas have developed and worked with our distinct 169 Enterprise Standards and 52 Industry User Groups.



## The Benefits of Applying Enterprise Standards

#### Gain Execution Focused Leadership

Leadership Execution focused leadership means institutionalizing a disciplined approach towards alignment, enabling project execution throughout the organization. Gain advice on how to crack the code on complex issues to deliver desired business outcomes and strengthen your core competitive and core differentiating competencies.

#### • Enable Strategy Execution

Realize the value of executive briefing and receive peer to peer sessions with a thought partner who understands your role, structure and culture. The thought partner will help you outline how to achieve the desired business outcomes that keeps you on track. This is achieved through outlining a strategy execution roadmap for how your organization can apply and customize the reusable patterns (Enterprise and Industry Standards), while building competencies (learning by doing) in order to help you deliver better results as a team.

#### Fast Track Business Outcomes

LEADing Practice specialize in fast tracking your organization to deliver business outcomes in project execution through using and applying Enterprise Standards with appropriate reference content.

#### • Align To Your Culture

Address business culture aspects while transforming your organization by building competencies that structures your team's Way of Thinking, Way of Working and Way of Implementing. The Enterprise Standards will be fully tailored and customized to your organization's specific needs.

#### Applied Competencies

The Enterprise Standards are applied and customized through training focused on project execution and learning while doing. The standards transform organizations from within by building competencies with usable hands-on reference content that enables any practitioner to identify, create and realize the needed performance and value.

#### • Leverage Existing Investments

Leveraging reference content from existing investments from others projects, programs and portfolios is essential. Our Enterprise Standards are fully integrated with other existing frameworks, methods and approaches such as ITIL, COBIT, PRINCE2, AGILE, TOGAF, Zachman, META, FEAF, SAP ASAP, Oracle AIM, BPMN, etc.

#### • Capitalize On Complexity

Once reusable and repeatable patterns have been identified, even complex and chaotic business scenarios become simple to structure and align. We are specialized in supporting executives and their teams to confront, simplify and capitalize on complexity to deliver desired business outcomes.



## The Benefits of Applying Enterprise Standards

We establish the needed clarity, focus and accountability of where to apply:

- Best Practices to improve and standardize the non core competencies by focusing on the Cost Model and the Operating Model.
- **Industry Practices** to improve competitive parity and standardize core competitive competencies by focusing on the Performance Model and the Service Model.
- Leading Practices to define and strengthen your competitive advantage and core differentiating competencies by focusing on the Revenue Model and the Value Model.

Each of the 169 Enterprise Standards are fully interconnected and integrated within frameworks, methods and approaches with supporting templates (maps, matrices and models) and accelerators. The Enterprise Standards also comes with semantic relationsships, premade meta models (incuding meta object classification and categorizations) as well as architectural, engineering and modelling principles and rules. These tools provide a unique ability for organizations to leverage existing investments.

Our native integration and compatibility with other frameworks, methods and approaches enables standardization when applying reference content to your organization's programs and/or projects. Therefore, our reference content can be used with topics such as strategy, capabilities, roles, processes, services, technology and data; enabling operational execution across the Business, Information and Technology layers of the organization.

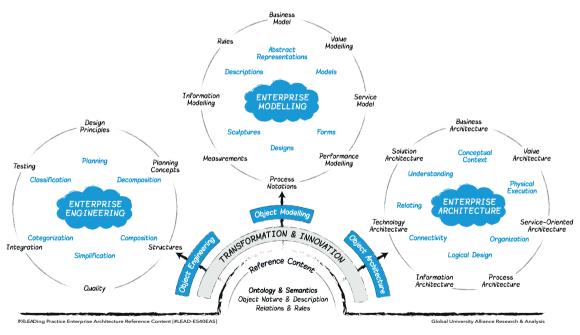


Figure 3: Enterprise Standards are recognized as a paradigm shift to work across disciplines.



nterprise Standards:	Reference Content #
1 Enterprise Management Standards	
Emerging Trends & Disruptive Forces	LEAD-ES10000PG
Strategy	LEAD-ES10001PG
Hyper Growth	LEAD-ES10002BC
Value Management	LEAD-ES10003PG
Performance Management	LEAD-ES10004PG
Executive Communication & Story Telling	LEAD-ES10005EX
Control Management incl. Evaluation & Audit	LEAD-ES10006GO
Planning Management	LEAD-ES10007BC
Procurement Management	LEAD-ES10008BC
Human Resource Management	LEAD-ES10009BC
Production Management	LEAD-ES10010BC
Product Management	LEAD-ES10011BC
Marketing Management	LEAD-ES10012BC
Selling & Sales Management	LEAD-ES10013BC
Call Center Management	LEAD-ES10014BC
Supply Chain & Logistics Management	LEAD-ES10015BC
Compliance Management	LEAD-ES10016GO
Risk Management	LEAD-ES10017ALL
Governance	LEAD-ES10018GO
Portfolio Management	LEAD-ES10019ALL
Program Management	LEAD-ES10020ALL
Project Management	LEAD-ES10021ALL
Financial Management	LEAD-ES10022BC
Cost Cutting	LEAD-ES10023ALL
Policy, Procedures & Guidelines	LEAD-ES10024PG
Outsourcing	LEAD-ES10025ALL
Contract Management	LEAD-ES10026BC
Culture	LEAD-ES10027ALL
Deliver on Promise	LEAD-ES10028ALL
Enterprise DNA	LEAD-ES10029ALL
Roadmap	LEAD-ES10030ALL
Race Inclusion	LEAD-ES10031ALL



terprise Standards:	Reference Content #
2 Enterprise Modelling Standards	
Meta-modelling	LEAD-ES20001ALL
Capability Modelling	LEAD-ES20002CPG
Stakeholder Management	LEAD-ES20003EX
Business Model	LEAD-ES20004BC
Business Process	LEAD-ES20005BP
Process Flow	LEAD-ES20006PF
Revenue Model	LEAD-ES20007BC
Value Model	LEAD-ES20008BCPG
Service Model	LEAD-ES20009BCBS
Service Flow	LEAD-ES20010BCSF
Performance Model	LEAD-ES20011BCPG
Operating Model	LEAD-ES20012BC
Cost Model	LEAD-ES20013BCPG
Role Modelling	LEAD-ES20014BC
Competency Modelling	LEAD-ES20015BC
Measurement	LEAD-ES20016PG
Workflow	LEAD-ES20017ALL
Channel	LEAD-ES20018ALL
Case Management	LEAD-ES20019ALL
Event Model	LEAD-ES20020ALL
Technology Consolidation	LEAD-ES20021ALL
Digital Twin of the Organization	LEAD-ES20022ALL
Extended Sequence Flow	LEAD-ES20023ALL
Value Chain	LEAD-ES20024PGBC



nterprise Standards:	Reference Content #
3 Enterprise Engineering Standards	
Decomposition & Composition	LEAD-ES30001ALL
Lifecycle Management	LEAD-ES30002ALL
Testing	LEAD-ES30003SPADPI
Requirement Management	LEAD-ES30004ES
Quality Management	LEAD-ES30005EM
Enterprise Sustainability	LEAD-ES30006ALL
Agile	LEAD-ES30007ES
Categorization & Classification	LEAD-ES30008ES
Enterprise Tiering	LEAD-ES30009ALL
Enterprise Ontology	LEAD-ES30010ALL
Enterprise Taxonomy	LEAD-ES30011ALL
Enterprise Semantics	LEAD-ES30012AS
Periodic Table of Enterprise Elements	LEAD-ES30013ALL
Meta Objects	LEAD-ES30014ALL
Enterprise Meta Model	LEAD-ES30015ALL
Artefacts & Templates	LEAD-ES30016ALL
LEAD Way of Structuring	LEAD-ES30017WS
Information & Systems Engineering	LEAD-ES30018BCSAD
Data Monetization	LEAD-ES30019DI
Multiexperience	LEAD-ES30020ALL
User Democratization	LEAD-ES30021ALL
Human Augmentation	LEAD-ES30022ALL
Blueprinting	LEAD-ES30023ALL
Implementation	LEAD-ES30024ALL
Enterprise Navigator	LEAD-ES30025ALL
Packaged Business Capabilities	LEAD-ES30026ALL
SMART City & Digital City	LEAD-ES30027BCBPSADP
Productization	LEAD-ES30028ALL



## Enterprise Standard and Reference Content: Reference Content #

### **4 Enterprise Architecture Standards**

Layered Enterprise Architecture	LEAD-ES40001ALL
Business Architecture	LEAD-ES40002PGBCPSI
Value Architecture	LEAD-ES40003PG
Process Architecture	LEAD-ES40004BP
Service-Oriented Architecture	LEAD-ES40005BS
Application Architecture	LEAD-ES40006SAID
Information Architecture	LEAD-ES40007BCSAD
Data Architecture	LEAD-ES40008SAI
Platform Architecture	LEAD-ES40009PL
Infrastructure Architecture	LEAD-ES40010IL
Governance	LEAD-ES40011GO
Security Architecture	LEAD-ES40012CS
Cloud Architecture	LEAD-ES40013CC
Agile Enterprise Architecture	LEAD-ES40014ALL
Technology Architecture	LEAD-ES40015PLIN
Composite Architecture	LEAD-ES40016ALL
Workplace Architecture	LEAD-ES40017ALL
Zero Trust Architecture	LEAD-ES40018ADPLIN
Serverless Architecture	LEAD-ES40019ADPLIN
Microservices Architecture	LEAD-ES40020ADPLIN
Containerized Architecture	LEAD-ES40021ADPLIN
Green IT Architecture	LEAD-ES40022ALL
Circular IT Architecture	LEAD-ES40023ALL
Resilient Systems Architecture	LEAD-ES40024ADPLIN
Scalable Systems Architecture	LEAD-ES40025ADPLIN
Chaos Engineering Architecture	LEAD-ES40026ADPLIN



nterprise Standards:	Reference Content #
5 Enterprise Information & Technology Standards	
IT Strategy	LEAD-ES50001PG
Business Model of IT	LEAD-ES50002BC
IT Process Map	LEAD-ES50003BP
IT Center of Competency	LEAD-ES50004BC
Cloud Computing	LEAD-ES50005CC
Cyber Security	LEAD-ES50006CS
Knowledge Management	LEAD-ES50007PGIDBC
Artificial Intelligence	LEAD-ES50008PGIDBC
Robotic Process Automation	LEAD-ES50009PGIDBC
Analytics	LEAD-ES50010PGIDBC
Reporting	LEAD-ES50011PGIDBC
Application	LEAD-ES50012SAIDBCBP
Application Modernization & Optimization	LEAD-ES50013SAIDBCBP
Enterprise Resource Planning	LEAD-ES50014SADIBC
Software Testing	LEAD-ES50015SADI
Information Management	LEAD-ES50016BCIDSA
Data	LEAD-ES50017DISABC
Rule Modelling	LEAD-ES50018PGBCSADI
Service-Oriented Computing	LEAD-ES50019ES
Platform	LEAD-ES50020PLES
Infrastructure	LEAD-ES50021IL
Social Media	LEAD-ES50022ALL
Distributed Cloud	LEAD-ES50023ALL
Hyperautomation	LEAD-ES50024ALL
Machine Learning	LEAD-ES50025ALL
Robotic Automation	LEAD-ES50026ALL
Smart Automation	LEAD-ES50027ALL
Industry 4.0 Technology	LEAD-ES50028ALL
Blockchain	LEAD-ES50029ALL
Workplace	LEAD-ES50030ALL
Digital Twin of the Organization (DTO)	LEAD-ES50031ALL
Sustainable IT Practices	LEAD-ES50032ALL
Green IT Operations	LEAD-ES50033PADPLIN
Business Continuity Management for IT	LEAD-ES50034PADPLIN
IT Portfolio Management	LEAD-ES50035PGBCSP
IT Vendor Management	LEAD-ES50036PGBCSP
IT Cost Cutting	LEAD-ES50037PGBCSP



terprise Standards:	Reference Content #
6 Enterprise Transformation & Innovation Standards	
Alignment & Unity	LEAD-ES60001ALL
Change Management	LEAD-ES60002ALL
Maturity Assessment	LEAD-ES60003ALL
Continuous Improvement	LEAD-ES60004ALL
Organizational Development	LEAD-ES60005ALL
Optimization	LEAD-ES60006ALL
Effectiveness	LEAD-ES60007ALL
Efficiency	LEAD-ES60008ALL
Reengineering	LEAD-ES60009ALL
Root Cause Analysis	LEAD-ES60010ALL
Transformation Benchmarking	LEAD-ES60011ALL
Innovation	LEAD-ES60012ALL
Alignment of Portfolio, Program & Project Management	LEAD-ES60013ALL
Innovation & Transformation Blueprinting & Implementation	LEAD-ES60014ALL
Transformation	LEAD-ES60015ALL
Digital Innovation & Transformation	LEAD-ES60016ALL
Industry 4.0 Innovation & Transformation	LEAD-ES60017ALL
Health Check	LEAD-ES60018ALL
Quickscan	LEAD-ES60019ALL
Organizational Assessment	LEAD-ES60020ALL
Product Innovation	LEAD-ES60021ALL
Innovation & Disruption	LEAD-ES60022ALL



## **Industry Standards Reference Content**

The LEADing Practice Industry Standards are set and collections of industry specific standards and reference content have been developed in collaboration between LEADing Practice and our Industry User Groups. They consist of organizations across all major industries today, and practitioners who have similar industry interest, goals, and/or concerns.

We currently have 10 Industry Standards that contain 52 sub-Industry Standards represented by Industry User Groups. Our extensive and powerful portfolio of Industry Standards are also packaged as 'Reference Content', readily available for implementation by any organization.

dustry Standards:	Reference Content #
1 Financial Services	
Central Bank	LEAD-IS10001
Commercial Bank	LEAD-IS10002
Insurance	LEAD-IS10003
Financial Markets	LEAD-IS10004
Real Estate	LEAD-IS10005
2 Industrial	
Aerospace & Defense	LEAD-IS20001
Automotive	LEAD-IS20002
Chemicals	LEAD-IS20003
Forestry & Paper	LEAD-IS20004
Metal & Mining	LEAD-IS20005
Construction & Materials	LEAD-IS20006
Electronics & Electrical Equipment	LEAD-IS20007
Manufacturing & Industrial Engineering	LEAD-IS20008
3 Consumer Packaged Goods	
Food	LEAD-IS30001
Beverage	LEAD-IS30002
Tobacco	LEAD-IS30003
Fashion & Apparel Goods	LEAD-IS30004
Retail	LEAD-IS30005
Travel & Hotel	LEAD-IS30006
4 Energy	
Oil & Gas	LEAD-IS40001
Alternative Energy	LEAD-IS40002



# **Industry Standards Reference Content**

dustry Standards:	Reference Content #
5 Public Services	
Defense	LEAD-IS50001
Finance & Treasury	LEAD-IS50002
Customs & Border Services	LEAD-IS50003
Foreign Affairs & Trade	LEAD-IS50004
Health	LEAD-IS50005
Agriculture & Food	LEAD-IS50006
Labor & Social Services	LEAD-IS50007
Energy & Natural Resources	LEAD-IS50008
Education	LEAD-IS50009
Environment	LEAD-IS50010
Tourism	LEAD-IS50011
Transport & Infrastructure	LEAD-IS50012
Justice	LEAD-IS50013
Culture	LEAD-IS50014
Local Government	LEAD-IS50015
5 Healthcare	
Health Care Equipment & Services	LEAD-IS60001
Pharmaceuticals	LEAD-IS60002
Life Science & Biotechnology	LEAD-IS60003
7 Utilities Electricity Utilities	LEAD-IS70001
Gas, Water & Multiutilities	LEAD-1570001
Power Producers	LEAD-IS70002
8 Transportation	
Airline	LEAD-IS80001
Railways	LEAD-IS80002
Shipping	LEAD-IS80003
Postal	LEAD-1S80004
Logistical Service Providers	LEAD-IS80005
9 Communication	
Media & Entertainment	LEAD-IS90001
Telecommunication	LEAD-IS90002
Publishing	LEAD-IS90003
O High Tech	LEAD 1010001
Software & Services Technology, Hardware & Equipment	LEAD-IS10001 LEAD-IS10002



## **Contact Us**

We trust this information has provided a useful overview of our Enterprise and Industry Standards product portfolio.

If you would like to know more about Enterprise and Industry Standards, please visit our website at www.leadingpractice.com where you can sign up for a live introduction to our standards.

You can also contact us by sending an email to info@leadingpractice.com.

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