



Data Smart Services Capability

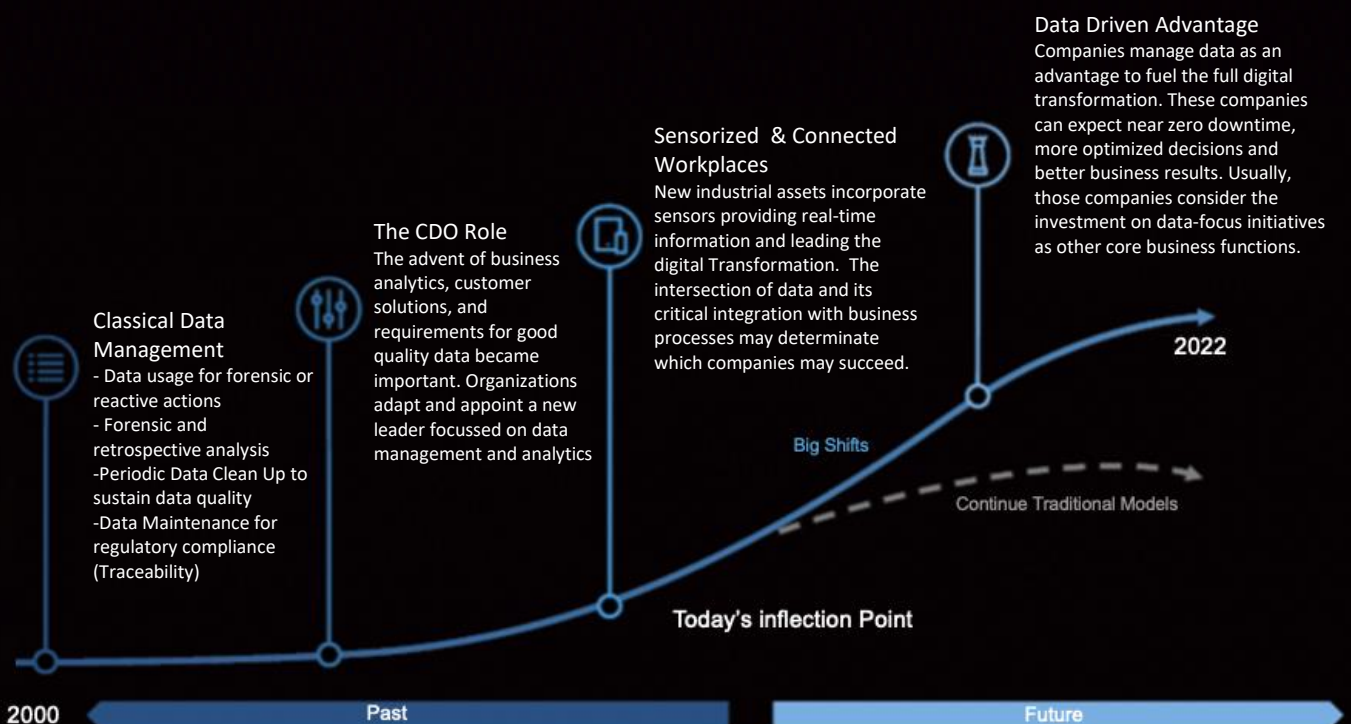
Building a strong office of the Chief Data Officer

From Data Management to Data Advantage

5G signifies a new industrial revolution. It's the transformation in how a business functions, turning it into one that communicates, analyses, and uses data to drive intelligent action.

To reap the business benefits driven by data, executives should shift their organization's operations from classic data management to a data advantage perspective that is connected across the enterprise.

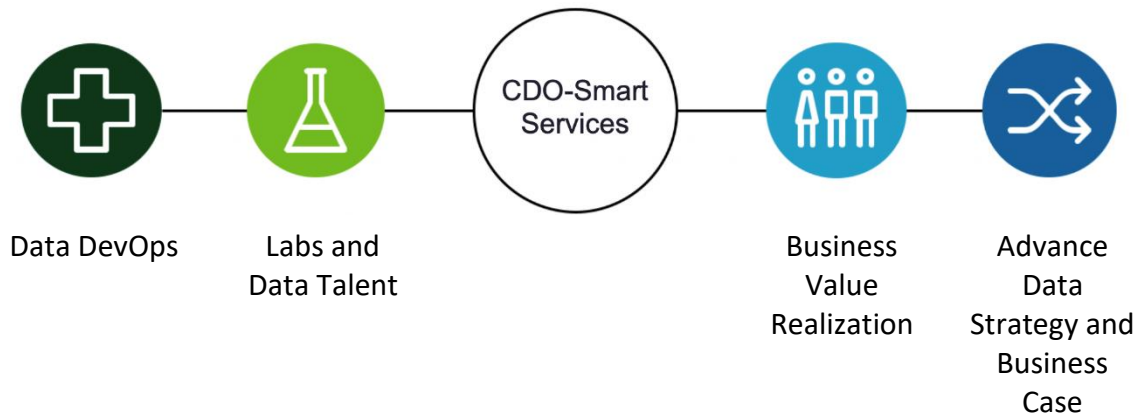
A strong data function led by an executive officer—the Chief Data Officer (CDO), in particular—is critical to enabling the data advantage perspective. Companies that don't address and adapt their operations will potentially disappear in the full 5G connected environment landscape.



Thingbook's CDO-Smart Services

Thingbook CDO Smart Services, is a turnkey set of services that puts the people and technology in place to immediately assess, prioritize, and address transformational data issues in your organization.

The data transformation path to success:



The Critical Role of CDO Leadership

The CDO role is quickly transforming and emerging as a critical enabler among the leadership team. CDOs are tasked with enhancing executive decision making, improving operational efficiency, and empowering innovation.

A successful office of the CDO needs:

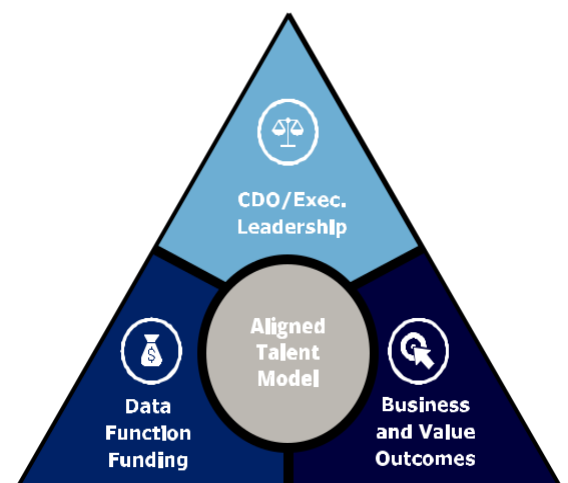
- Executive-level alignment
- New talent model support
- A leader who can deliver as an Operator, Catalyst, Technologist, and Strategist

Big Shift in Data Strategy to Accelerate

Having data is no longer an advantage; the data advantage perspective comes with effectively managing your data and leveraging it as a primary business driver.

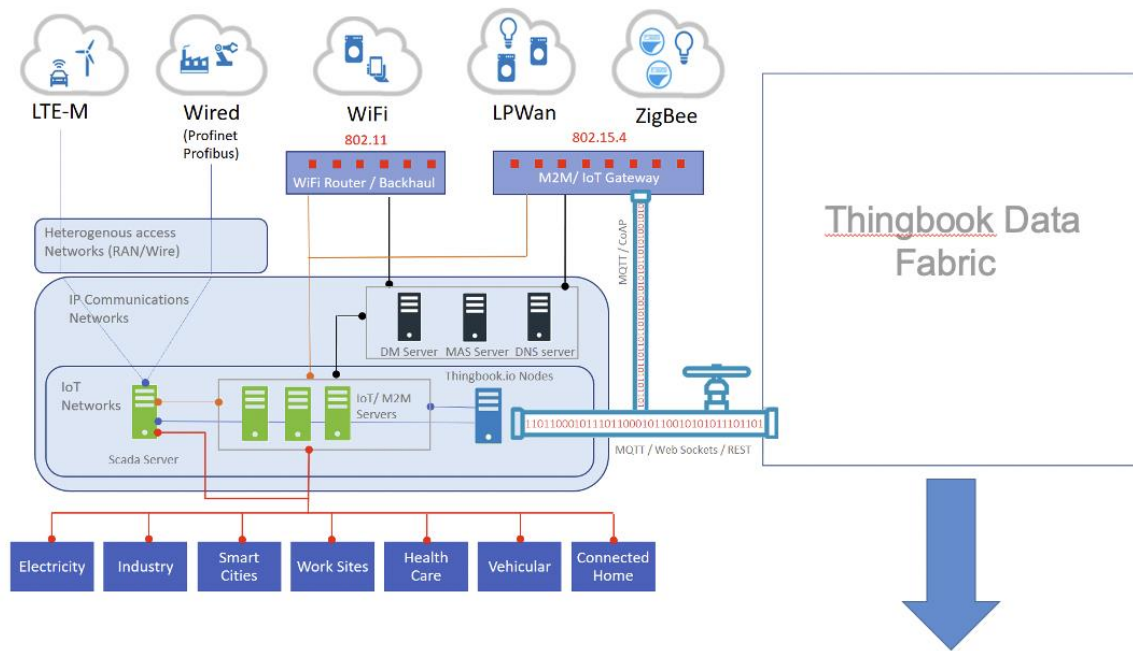
Key shifts can help accelerate business through a data advantage perspective:







- Allocate approximately 10% of IT and/or CapEx, OpEx spend
- Appoint a CDO and empower the office of the CDO to unction in a way that manages and monetizes data
- Establish a data business value map
- Manage spend on data to enable business outcome



Thingbook Technology Enablement (Data Fabric)

The CDO role is unique to your organization’s needs, and our CDO-Smart Services leverage the power of 20 years of experience with the market leaders Intelligent Data Platforms, to support the strategy and process-related functions specific to your business.



GALILEO Data Input & Anonymization	TURING Workflow orchestration			PICASSO Data Output	
Data Input REST Messaging OBBC/JDBC Profinet / Profibus Python / Java / C# Libraries	Unsupervised Anomaly Detection	Root Cause Analysis	Time Series Forecasting	Supervised Learning Models Repository	Result Consumption REST Messaging
Technology Stack					
					
					
					
 Ad-hoc Integrators	 REST API  kafka				

Thingbook CDO-Smart Services Core Functions

CDO Organization

Organizations without a discreet CDO function have the responsibilities disaggregated and dispersed. Thingbook CDO-Smart Services conducts a need assessment and butts together a business case with executive and board level collateral for the need for a CDO. Thingbook CDO-Smart Services will design the organization, define roles and responsibilities, operating models showing how the CDO works with the broader organization and how the office and role of the CDO will evolve and mature.

Enterprise Data Strategy and Business Case Generation

Crafting and executing the data strategy for your organization is a vital remit of the CDO and critically important to your business. Thingbook CDO-Smart Services will craft a business aligned data strategy which supports and enables your current business ambitions, resolves pain points and unlocks latent innovation potential. The strategy is presented and aligned with your stakeholders to bring all constituents into agreement. Thingbook CDO-Smart Services creates business cases for a data strategy to garner investment and priority from leadership/boards. With an appropriate data strategy in place, Thingbook CDO-Smart Services will plan, execute and manage the implementation of the strategy and drive adoption through pervasive change management.

Transformation Advisory

The CDO is intricately involved in digital and other transformations, since most require data, analytics and business logic changes. Thingbook CDO-Smart Services provides transformation strategy and business case creation services, creating buy in and funding from your executives and boards. Thingbook CDO-Smart Services will design and plan your transformation, crafting the future state of your technology, process and organizational elements, drive vendor selection, program and project manage your transformation and implement a turn key change management program.

Data Security and Compliance

In today's regulatory and privacy focused realities, the CDO becomes the critical office where responsibility for compliance lies. The office is required to coordinate with technical, risk management, legal and security teams. Thingbook CDO-Smart Services performs assessments for the various industry and regulatory (privacy, security, governance, security) protocols and designs and implements full programs to bring you into compliance. Thingbook CDO-Smart Services uses penetration tests and other toolsets to assess your data and cyber security, and reviews your data and information governance policies, designs and implements turnkey programs to bring you to your desired level of security and governance.

Enterprise Data Management

Modern chief data offices are responsible for the enterprise data management functions across their companies. Thingbook CDO-Smart Services designs operating models for data management, and creates future state data architectures with the required technological needs. Analytics is a large part of data management, Thingbook CDO-Smart Services creates KPIs and business measurement metrics, leading to analytics strategy, implementation and operationalization. Thingbook CDO-Smart Services designs data quality programs, taking clients to the required quality standards for their analytical and operational ambitions. Thingbook CDO-Smart Services designs data driven decisioning and robotic process automation which leverage both data and metadata to increase efficiencies.

Data Technology Design and Implementation

Companies are now developing "data lakes" to bring together and unify their data with a common syntax. Data warehouses of the past were specific to applications and business units, making cross-

application, or cross-business analyses difficult. Data lakes unify this data providing a single view of the truth across the enterprise, enabling analytics, machine learning and employee-empowered analysis. Thingbook CDO-Smart Services can help companies design their data technology strategy and architecture, roadmap the implementation and oversee implementation.

Industry IT Expertise

Our Technology Transformation team has deep industry expertise to complement our technology skills. Our professionals have executive level IT and industry expertise. Working side-by-side with management, boards of directors and investors, we help align IT initiatives with critical priorities, striking a balance between short-term and long-term goals. Our approach is to leverage our industry strength and IT expertise. Our Technology Transformation professionals understand our clients' challenges, opportunities and competitive landscapes.

Let's get started:

www.thingbook.io

EMEA: +353 83 474 5787

Americas: +52 55 6840 4178

info@thingbook.io