7ª Conferência da Qualidade de Software e Serviços

CMMI Next Generation e DMM-Data Management Maturity Model

7ª Conferência da Qualidade de Software e Serviços

Antonio Braga - 7/Junho/16

Servicos Crest

- Historico
  - CMMI: 169 avaliacoes (DEV, SVC e ACQ)
    - Brasil, Portugal, China e USA
  - Cursos oficiais Introducao ao CMMI: 48
  - Cursos DMM – Visao Gerencial: 5
- Oferece
  - Avaliacoes SCAMPI C, B e A
  - Assessment DMM
  - Modelos CMMI: Development e Services
  - Treinamento
    - Introducao ao CMMI-Dev v1.3
    - Suplemento CMMI Services
    - Aprofundamento nas PAs de ML3
    - Curso DMM – Visao Gerencial

Algumas Empresas avaliadas oficialmente pela Crest (89)

- Altran Portugal
- Ambisig Sistemas – Dev (Portugal)
- Ambisis Sistemas – SVC (Portugal)
- Ação Sistemas
- Augur Intelligence Tech. (China)
- Bull
- CITS – Centro Int.Tec.Soft
- Chemtech
- Complex Informatica
- DBC Company
- Defferrari
- Digistar
- Easteq Group (China)
- Everluck (China)
- Foursys
- Geosystem
- GPTI
- G&P
- GSW (2008 e 2011)
- Ilegra
- Interact Solutions
- Johnson&Johnson

- Kaizen Sistemas
- LG Informática
- Message Informática
- MJV Informatica
- Montreal Informática (2007 e 2010)
- Neoway
- NTT Data
- Red&White IT Solutions
- Renovo Power Wiki (China)
- SCOPUS Tecnologia
- Sênior Sistemas (2008 e 2011)
- Shenzhen Fanwo (China)
- Sistran Informática (2009 e 2012)
- Synapsis Brasil
- Sysmap
- 7COMm
- Techpeople
- Teclogica (2009 e 2011)
- Unisys Transportation USA
- Unisys Brasil São Paulo
- ZCR Informática (2009 e 2012)
- Zhuhai Zhengcai (China)

CMMI – Next Generation

Objetivos

    Aumentar a adocao do modelo CMMI no Mundo

    Aumentar o retorno que o CMMI gera as organizacoes

9% Average Annual Growth

TOTAL APPRAISALS
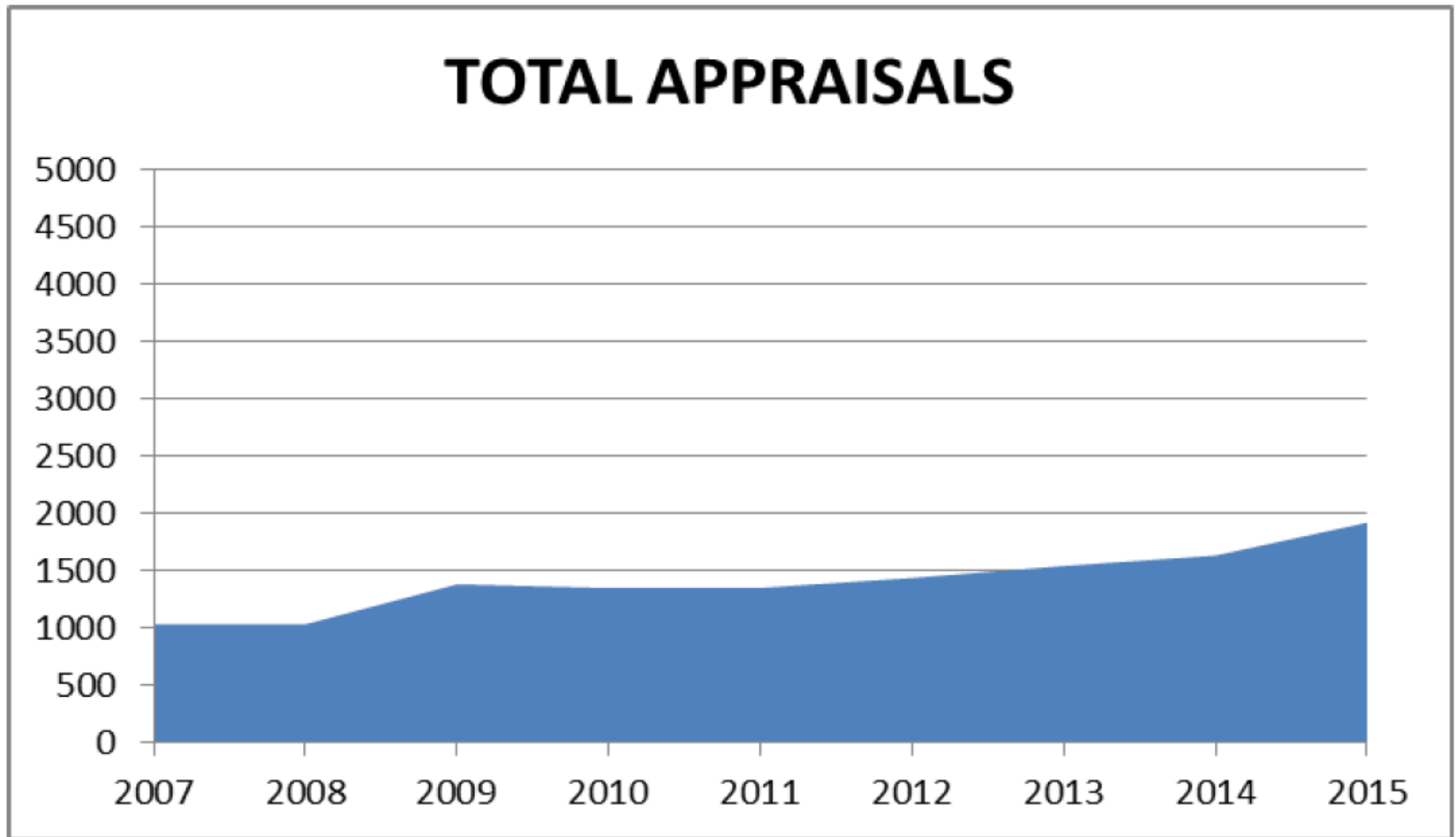
CMMI is Sought After Globally

TOTAL APPRAISALS IN 2020
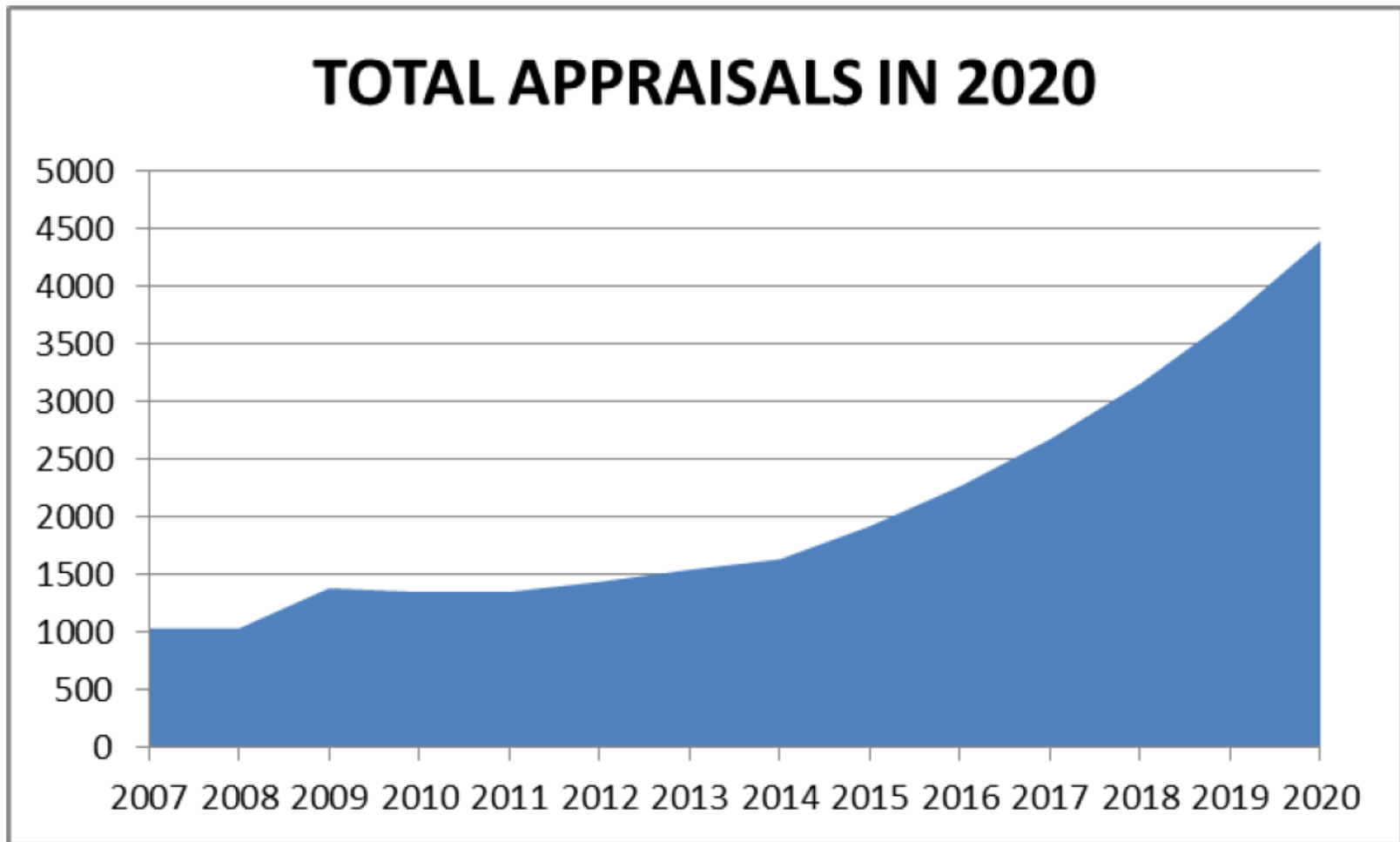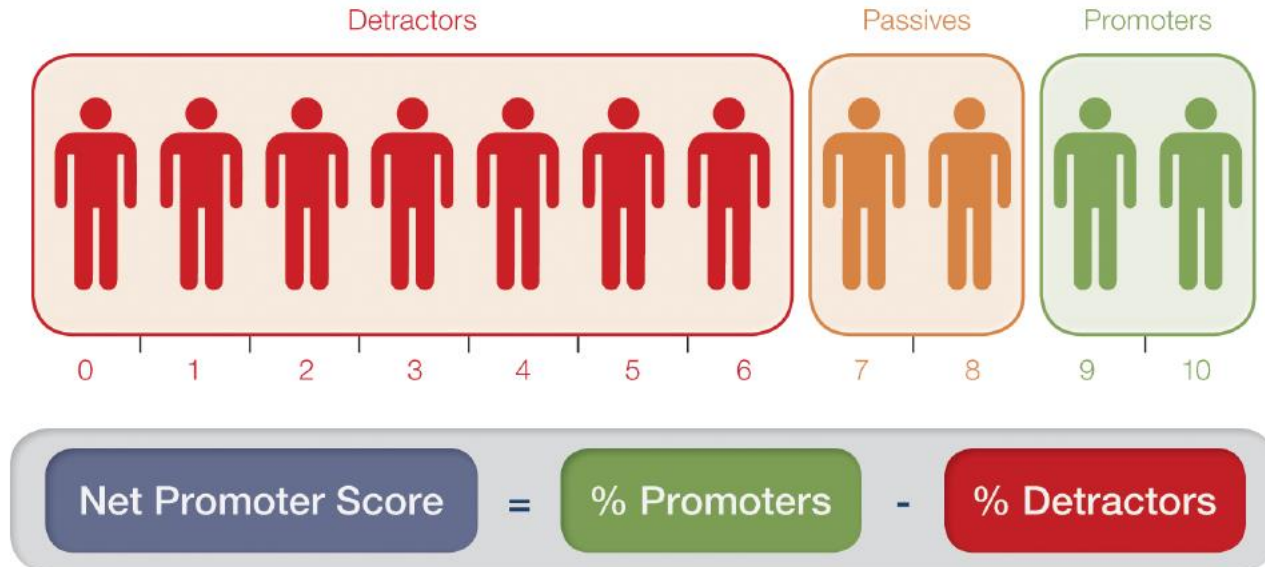
Manage the key capabilities that drive my unique business

Rapidly improve my business

Lower the total cost of ownership

Truly demonstrate the capability of my organization and ensure a focus on continuous improvement

Manage the key capabilities that drive my unique business	• Integrated Model • Adopt by Capability Area • Security Management & Safety Management • Methodology and Industry Guidance
Rapidly improve my business	• Easy to Understand model • Five step improvement path • Online Body of Knowledge with Implementation direction & tools • Certified CMMI Professional and Certified CMMI Consultant
Lower the total cost of ownership	• Virtual Instructor Led Training • Appraisals with Random Sampling
Truly demonstrate the capability of my organization and ensure a focus on continuous improvement	• More Frequent Appraisals • Institutionalization Practice Areas • Performance Practices • Performance Appraisal Report • KPI Benchmarking Database

Market Need	Proposed Solution	Opportunity Identification		Solution Concept		Solution Prototype		Solution Development & Integration	
		Identification	Verification	Concept	Verification	Design	Verification & Validation	Development & Integration	Verification & Validation
Manage the key capabilities that drive my business	Integrated Model	green	green	green	green	green	yellow		
	Adopt by Capability Area	green	green	green	green	green			
	Security and Safety Management Practice Areas	green	green	green	green	green	yellow		
	Methodology Specific Guidance	green	green	green	yellow	green	yellow		
	Industry Specific Guidance	green	green	green	green	green			
Rapidly improve my business	Easy-To-Understand Model	green	green	green	green	green	yellow		
	5 Step Improvement Path for each practice area	green	green	green	green	green	yellow		
	Online Body-of-Knowledge	green	green	green	yellow	yellow			
	Implementation Directions and Tools	green	green	green	yellow	green			
	Certified CMMI Professional	green	green	green	green	green	yellow		
	Certified CMMI Consultant	green	green	green	green	yellow			
Lower the total cost of ownership	Virtual Instructor Led Training	green	green	green	green	green	yellow		
	Appraisals with Random Sampling	green	green	green	green	green			
Truly demonstrate the capability of my organization and ensure a focus on continuous improvement	More Frequent Appraisals	green	yellow	green	green	green	yellow		
	Institutionalization Practice Areas	green	yellow	green	yellow	green	yellow		
	Performance Practices	green	yellow	green	green	green	yellow		
	Performance Appraisal Report	green	yellow	green	green	green			
	KPI Benchmarking Database	green	yellow	green	green	yellow			

How will we solve this problem?

CAPABILITY AREAS

Capability Area	Practice Areas
Ensuring Quality	Requirements Development and Maintenance
	Process Quality Assurance
	Verification and Validation
	Peer Review
Engineering and Developing Products	Technical Solution
	Product Integration
Delivering and Managing Services	Service System Transition
	Strategic Service Management
	Service Delivery
Selecting and Managing Suppliers	Solicitation and Supplier Agreement Development
	Agreement Management
	Acquisition Technical Management
Planning and Managing Work	Estimating
	Planning
	Monitor and Control
	Capacity and Availability Management
Managing Disruption	Risk Management
	Incident Resolution and Prevention
	Continuity
Managing the Workforce	Compensation and Rewards
	Staffing and Workforce Management
	Career and Competency Development
	Organization Training
	Empowered Work Groups
Improving Performance	Performance Management
	Process Management
	Process Asset Development
Supporting Implementation	Measurement and Analysis
	Causal Analysis and Resolution
	Decision Analysis and Resolution
	Configuration Management
	Communication and Coordination
Safety and Security	Safety
	Establish Security Management Program

PRACTICE AREAS
Continuous Representation

Anticipated Timing

	2016			2017					TBD	
	Q2	Q3	Q4	Q1	Q2	Q3	Q4			+ 6 mos
Model - Normative Material	↻								☑〉	
Model - Informative Material			↻	↻	↻				☑〉	
Appraisal Method						↻			☑〉	
Next Generation Upgrade Training						↻			☑〉	
Instructor Upgrade Training						↻			☑〉	
Lead Appraiser Upgrade Training							↻		☑〉	
Next Generation Systems							↻		☑〉	
Next Generation Training									☑〉	
Go To Market: LAUNCH									☑〉	
Appraisals Accepted										☑

DMM
Data Management Maturity Model

Melhores praticas para Gestao de Dados.

Modelo sendo traduzido para Portugues.

Guided Navigation to Lasting Solutions - The Data Management Maturity Model

Reference model framework of foundational data management capabilities – measurement tool for organizations to evaluate capability maturity, identify gaps, and incorporate guidelines for improvements

Developed by CMMI Institute with corporate sponsors - Booz Allen Hamilton, Lockheed Martin, Microsoft Corporation, and Kingland Systems

From initial content created from contributions of many experts, it was enhanced, refined and structured the DMM to leverage the strengths and proven approach of CMMI

Activity based, evidence tested - not an encyclopedia or compendium

DMM Assessments conducted for: Microsoft Corporation; Fannie Mae; the Federal Reserve System Statistics Function; and the Ontario Teachers Pension Plan; Freddie Mac, Neoway, Securities and Exchange Commission; Treasury, Office of Financial Research; and CISCO.

DMM – Data Management Maturity Model
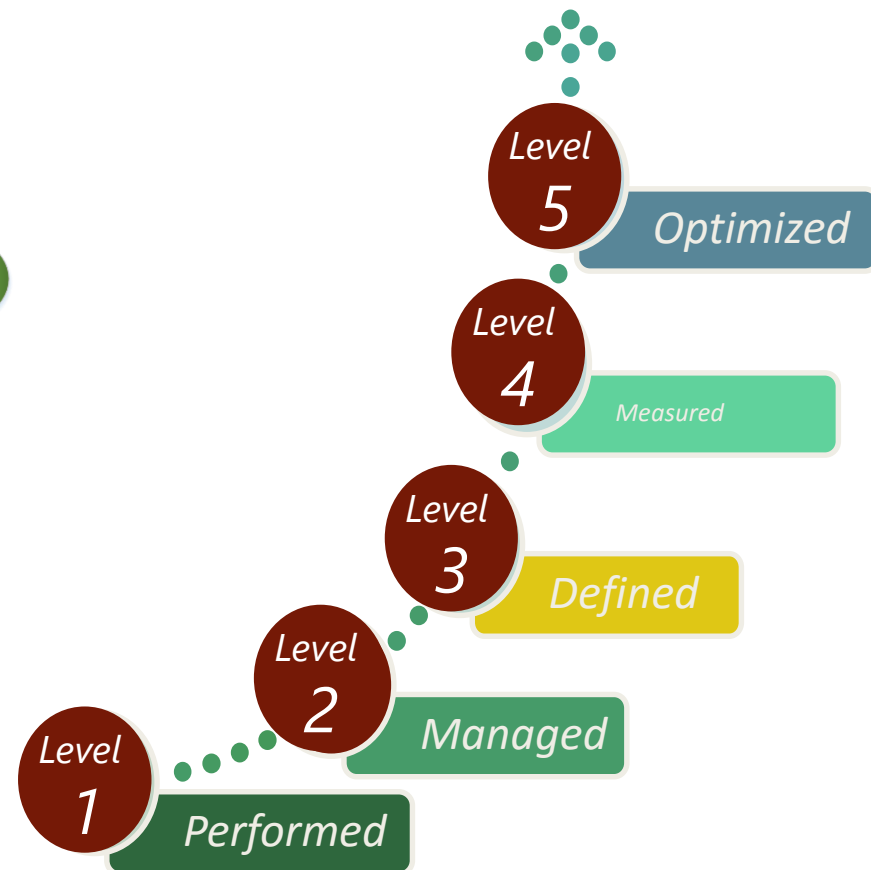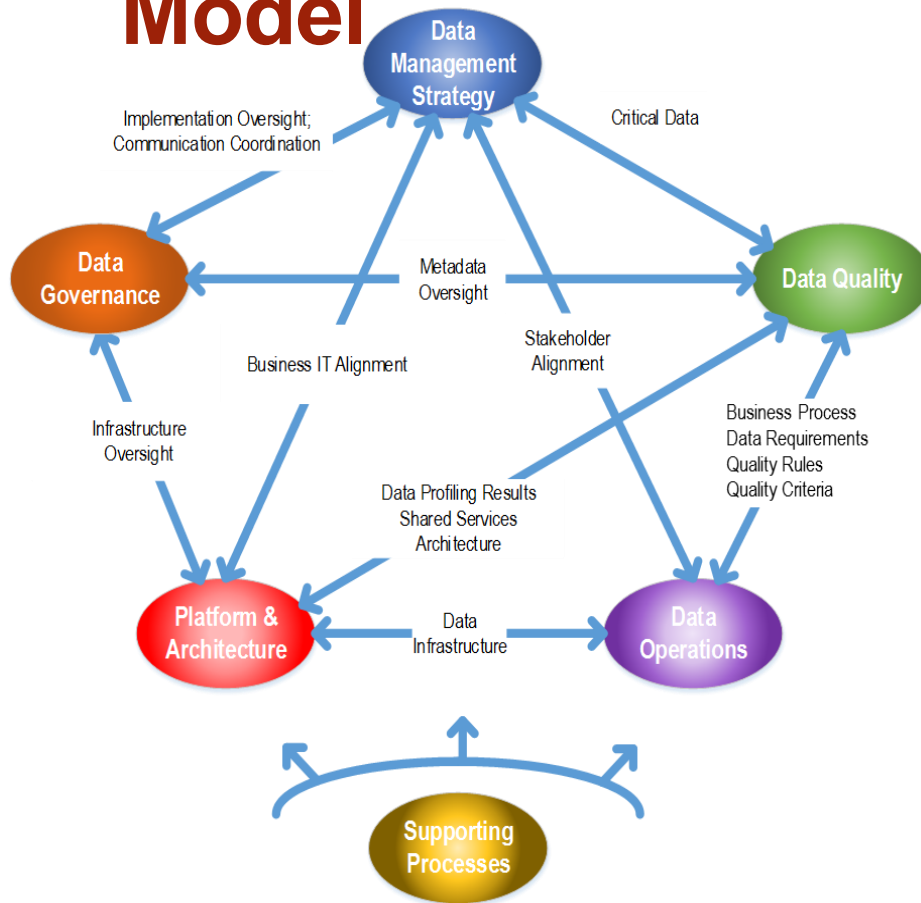
What's in the Model?

▸ *25 Process Areas*

- *Purpose – Introduction - Goals – Questions - Capability Level Criteria – Work Products*

- *Policies – Processes – Standards – Governance – Metrics – Enabling Technology – Implementation Tips*

▸ *300+ Practice Statements*

▸ *300+ Work Products*

Data Management Strategy	Data Management Strategy
	Communications
	Data Management Function
	Business Case
	Program Funding
Data Governance	Governance Management
	Business Glossary
	Metadata Management
Data Quality	Data Quality Strategy
	Data Profiling
	Data Quality Assessment
	Data Cleansing
Data Operations	Data Requirements Definition
	Data Lifecycle Management
	Provider Management
Platform & Architecture	Architectural Approach
	Architectural Standards
	Data Management Platform
	Data Integration
	Historical Data, Archiving and Retention
Supporting Processes	Measurement and Analysis
	Process Management
	Process Quality Assurance
	Risk Management
	Configuration Management

Data Management Maturity One-Page Notional Organization

Grato pela atencao

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