





People matter, results count.

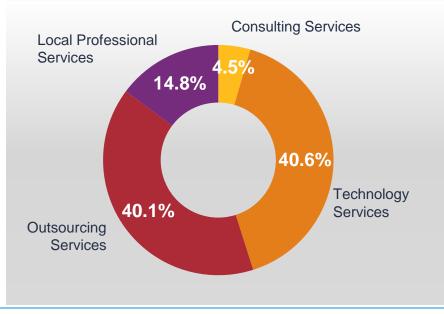
A strong Group (2013 full year)

Revenue 2013: €10,092 million

Operating margin	:	€857 million
 Operating profit 	:	€720 million
Profit for the year attributable		
to shareholders	1	€442 million

Net cash and cash equivalents : €678 million

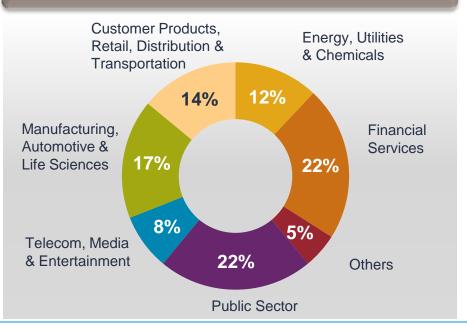
Revenue by business



Cap Gemini S.A." is a member of the CAC40, listed in Paris ISIN code: FR0000125338

Note: Our brand name is "Capgemini" but the name of our share on the stock exchange is "Cap Gemini S.A."

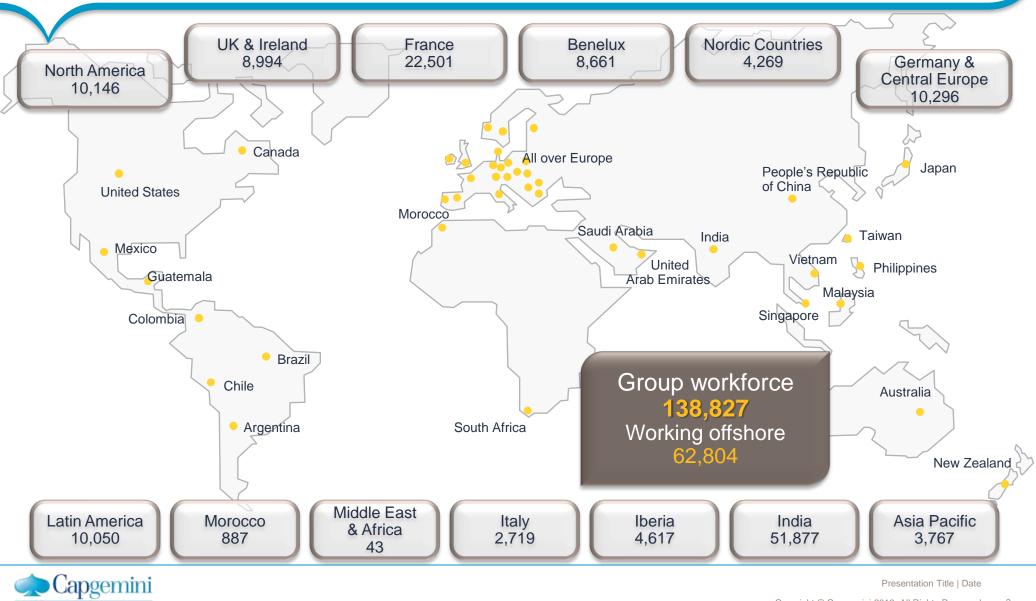
Revenue by industry





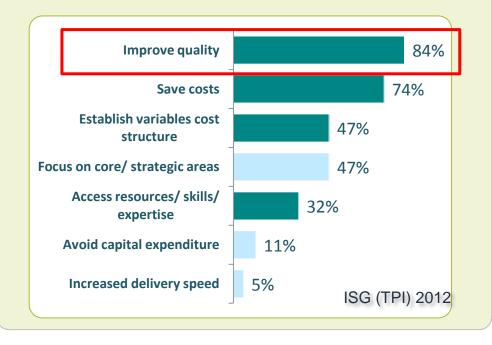
40+ countries and 120+ nationalities

(As of June 30, 2014)



Why is this important?

Top 3 Reasons Why Clients are Undertaking Sourcing Transactions



"Basic Unit-level errors account for 92% of the total errors in the source code but these count for only 10% of the defects in production.

Bad coding practices at the system-level count for only 8% lead to 90% of the serious

reliability, security, and efficiency issues in production.^{11,12}

Meanwhile, **tracking the system-level programming errors** could **save more than half of the rework** during the building phases, while drastically decreasing the production incident rate"

OMG/SEI



Why Automate Structural Quality Control

Software « Blood Test »



Systematic use in software quality gates leading to **a reduction in re-work** effort

Enables middle management to test the quality of software developed

Estimation & Productivity

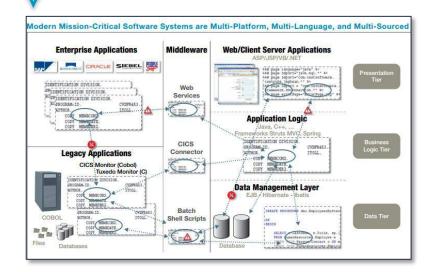


« Take care of the cows and not the cowboys »



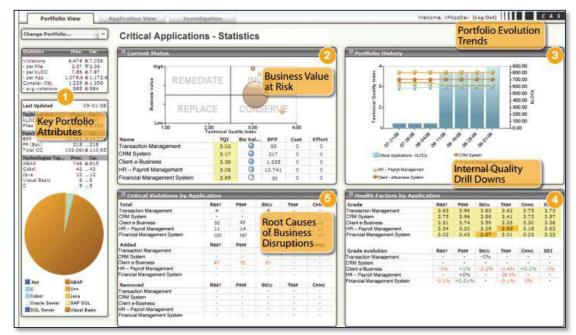
CAST Overview





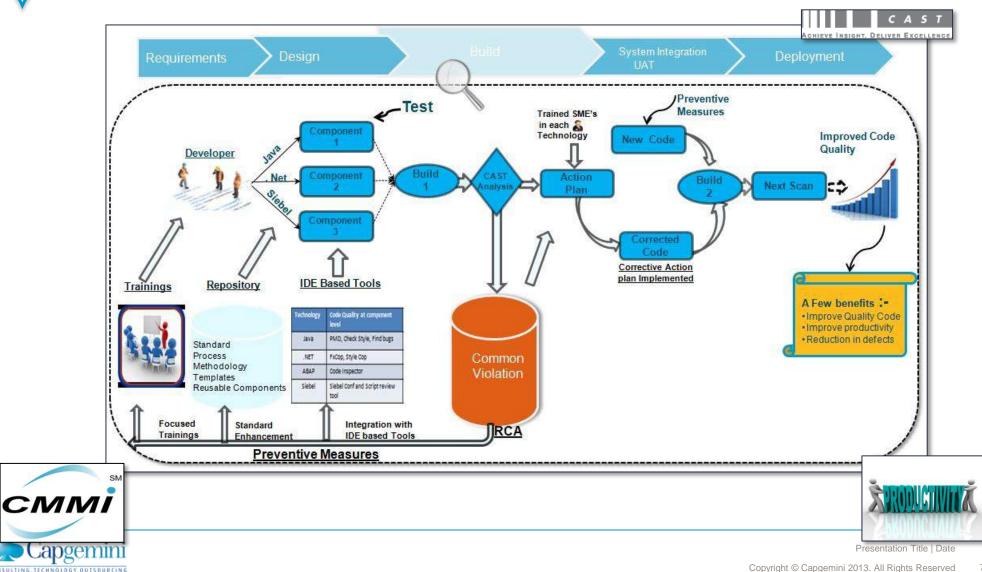
Oracle PL/SQL Sybase T-SQL SQL Server T-SQL IBM SQL/PSM	s	APPLICATION HEALTH		MANAGEMENT VISIBILITY		
C, C++, C# Pro C	IRIO			and a state	improve applications,	
Poolol CoCiS CiCiS Visual Basic Visual Basic ASP Net Java Java Java Javascript Visscript Visscript Piet Piet Powerfulder Poolefort SayDabap	TECHNICAL METRICS	Robustness Performance Security	Transferability	development teams and outsourcers		
	CHNI	APPLICATION SIZE		DRILL-DOWN TO ACTION		
	Ĩ	Technical Size	Functional Weight		Overview	
		-			Portfolio	
	TA	TECHNICAL INVENTORY			Applications Health factors Compliance	
Netweaver Tibco Business Objects Universal Analyzer	APPLICATION METADATA		Over 1000 rules and best		Objects Sub- metrics	
lor other languages	AP	Notes and the second se	practices	THE REAL PROPERTY I	Rules	

CAST AIP is a STATIC source code analyzer. It has support for 28+ technologies. CAST parsers read and semantically understand source code across all tiers of a complex business application – GUI, Logic and Data layers. The source code is converted to meta-data and is stored in a Knowledge Base (which runs on most common databases). CAST engines analyze the metadata and apply 1200+ rules and best practices to work out the Technical Quality of the Application. CAST AIP checks compliance to industry best practices on code quality standards, architectural and coding best practices.

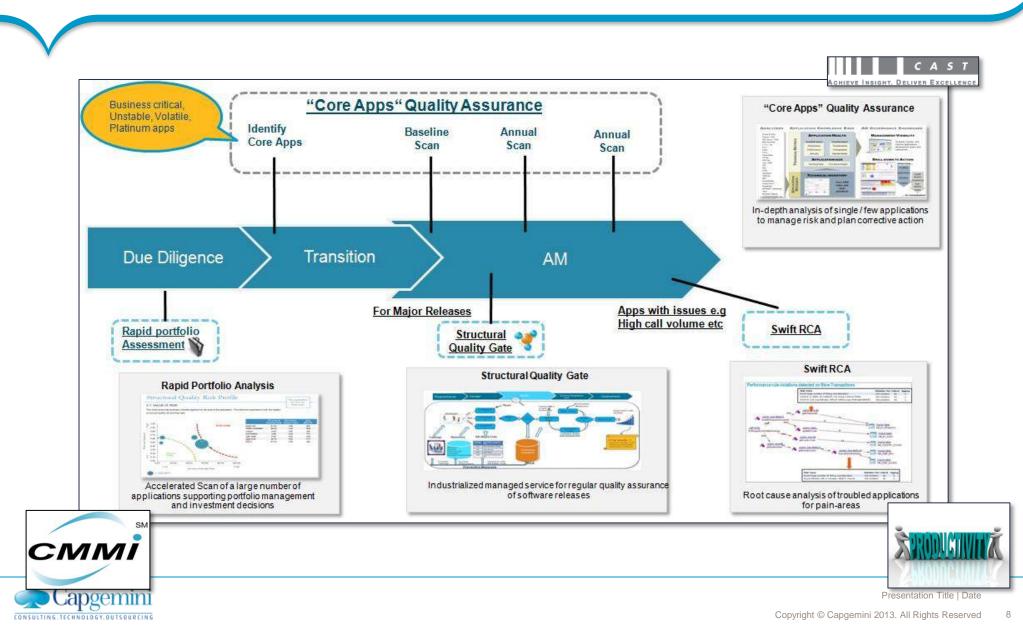




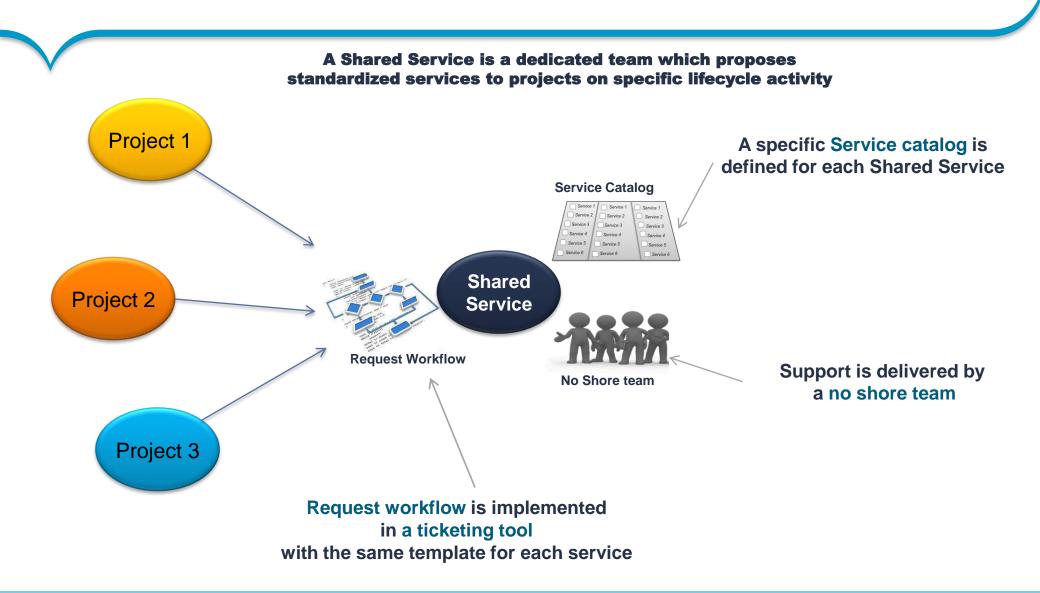
How do we do it? Software Quality Assurance in "BUILD" (AD) projects



How do we do it? Software Quality Assurance in "RUN" (AM) projects

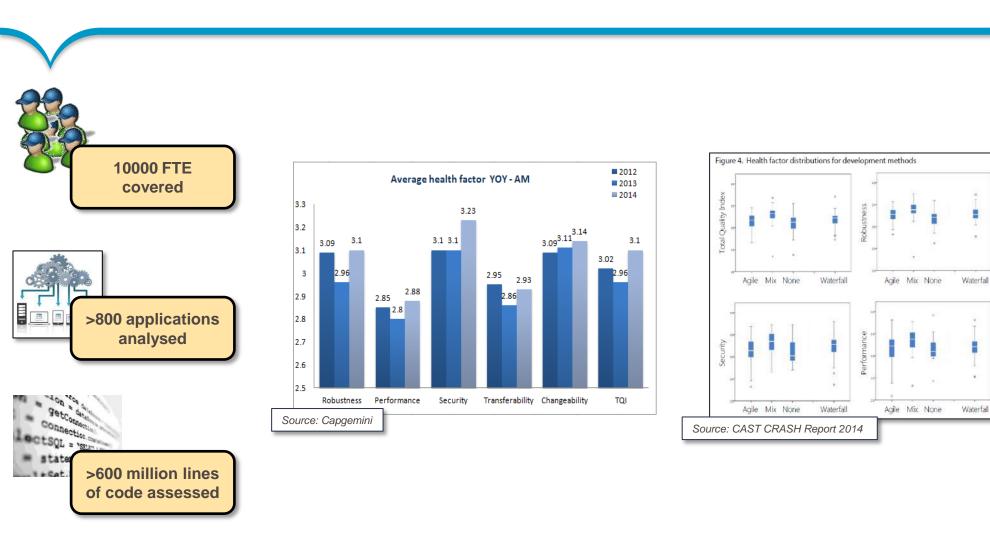


Shared Services Deployment was a Critical Success Factor





Findings





Beyond Software Quality towards *Productivity*

$$Productivity = f(O_q, O_{v,}, C)$$
where,
$$O_q = Quality of the Output produced, O_v = Volume of Output produced,$$

$$C = Cost of producing the Output$$

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It must be simple to understand

The cost of capturing the necessary data to calculate it should be minimal

It should not be open to multiple interpretations

The calculation should be automated

Ideally, it should be based on an external industry benchmark



What could be a Productivity calculation?

