



## Management Summary



✓ CM2 is Agile

✓ It is not the WHAT that makes it AGILE - It is the **HOW-TO** 

✓ CM2 provides the How-To's for Sustainable Agile

This is all to remember ses it

## What is Agile?



Adjective: Able to move quickly and easily (Oxford English Dictionary)

From now on we're going to change how we do things here.
We need to be Agile!



What does it mean?



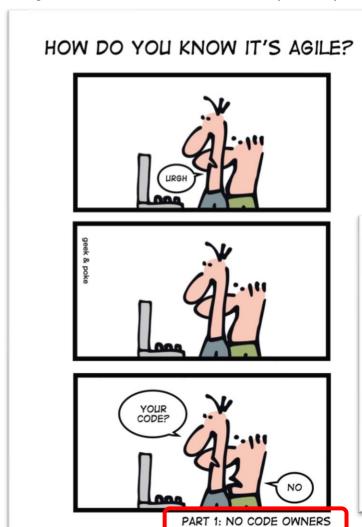
Nothing really changes except that now managers, designers and architects have an excuse for changing the requirements on Fridays at 4 PM.

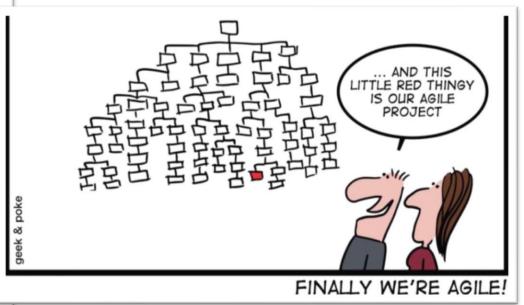


## What is Agile?



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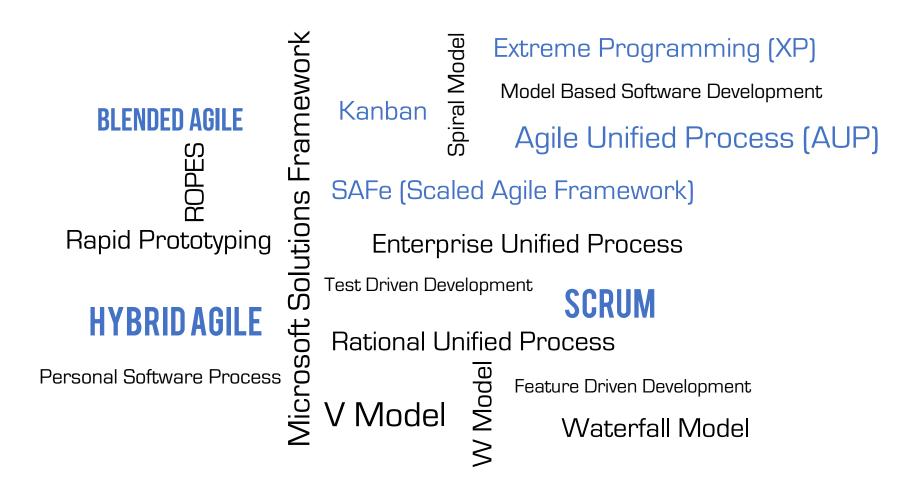




## **Development Model Confusion**



There is not just one Agile Model



## **Quick Survey**

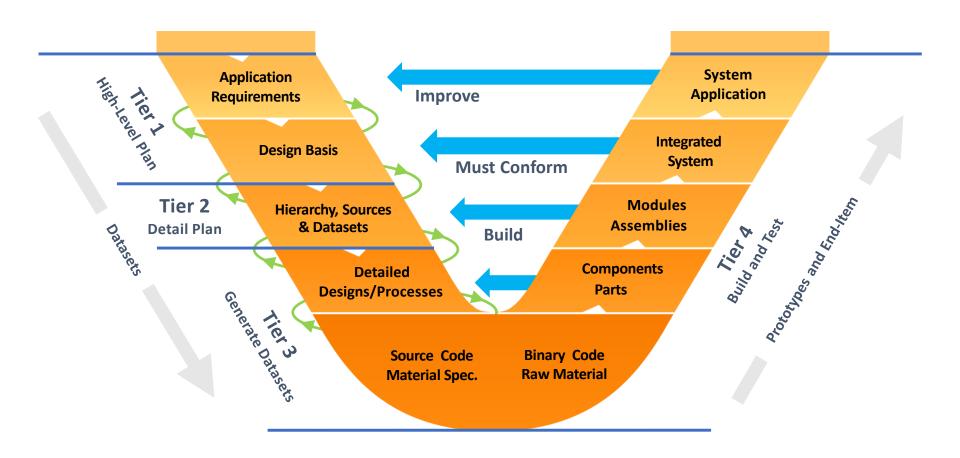


- Have you every heard of Agile?
- Is your organization using Agile?
  - Only for Software?
  - Software and Hardware?
- Is Agile the same as CM2?
- Is CM2 Agile?



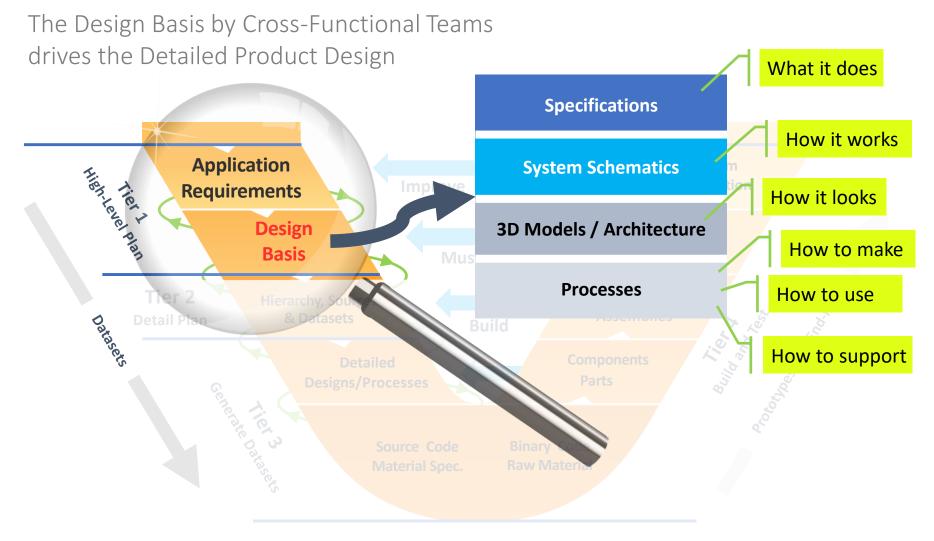


The CM2 Development Model (Combination of several models)



**V Model – Spiraling – Concurrent Engineering ... Is this Agile?** 

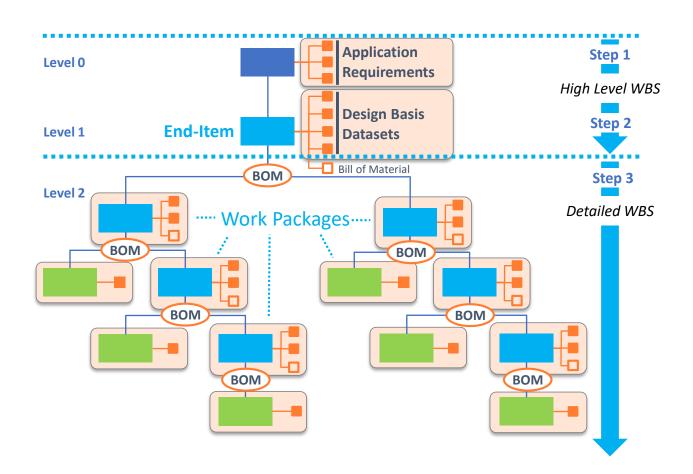




To know what to do before going into the Details ... Is this Agile?



Tier 2: Detailed Plan to define Work Packages



Breaking work into smaller pieces ... Is this Agile?



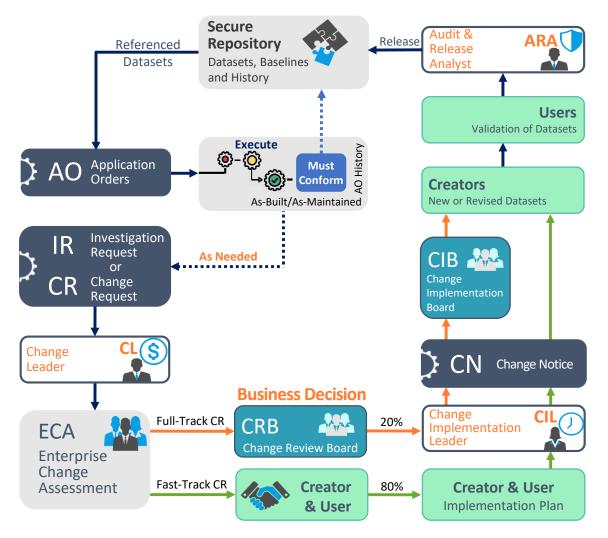
Use of CM2 Baselines for Team Collaboration

	CM2 Baseline															
	ID No. 9012						Date 15/Sep/yy									
	Items						Datasets							Changes		
	Hierarchy & Quantity		,	Number	Name	T Y p	Number	R e v	Release Effective Date Date			CN	A / D	Effectivity	CN	
1	1			9012	Wind Turbine	FS	9012	В	30/Aug/yy	01,	/Sep/yy	00100				
						SS	9012	С	30/Aug/yy	01,	/Sep/yy	00100				
						3D	9012	В	30/Aug/yy	01,	/Sep/yy	00100				
						PP	9012	В	30/Aug/yy	01,	/Sep/yy	00100				
						ВМ	9012	В	30/May/yy	01,	/Sep/yy	00255				
	1			1234	Rotor Assembly	AD	1234	В	30/Jul/yy	01/	/Aug/yy	00255				
						PP	1234	С	30/Jul/yy	01/	/Aug/yy	00255				
						ВМ	1234	С	30/May/yy	01/	/Aug/yy	00255				
		3		4321	Blade	DD	4321	Α	30/Jun/yy	01	./Jul/yy	00255				
						PP	4321	Α	30/Jun/yy	01	./Jul/yy	00255				
						BM	4321	Α	30/May/yy	01	./Jul/yy	00255	D	01/Nov/yy	00300	
						ВМ	4321	В	01/Oct/yy	01/	/Nov/yy		Α	01/Nov/yy	00300	
			1	8901	Composite	MS	8901	Α	30/May/yy	01,	/Jun/yy	00255	D		00300	
			1	8902		MS	8902	Α	30/Sep/yy	01	/Oct/yy		Α		00300	
		1		9880	Rotor Hub	DD	9880	Α	30/Jun/yy	01	./Jul/yy	00255				
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			1	8902		MS	8902	Α	30/Sep/yy	01,	/Oct/yy		Α		00300	
	Level				<b>Y</b> Work Packa	Work Package Schedule										

Providing visibility of what's going on ... Is this Agile?



Use of The CM2 Change Process with Fast-Track for all Projects



Being fast and efficient on implementing packages and changes ... Is this Agile?

## Agile Product Development



The Agile Manifesto with 12 Principles

- Customer satisfaction by rapid delivery of useful software
- Welcome changing requirements, even late in development
- Working software is delivered frequently (weeks rather than months)
- Working software is the principal measure of progress
- Sustainable development, able to maintain a constant pace
- 6 Close, daily co-operation between business people and developers

Face-to-face conversation is the best form of communication

Projects are built around motivated individuals, who should be trusted

THE AGILE MANIFESTO
IS BASED ON

Continuous attention to technical excellence and good design

12

**PRINCIPLES** 

Simplicity - the art of maximizing the amount of work not done - is essential

Self-organizing teams

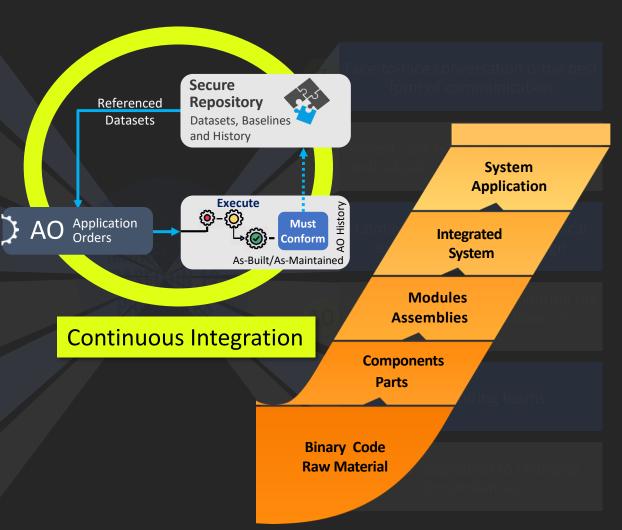
Regular adaptation to changing circumstances

## Agile Product Development with



Continuous Integration using Application Orders

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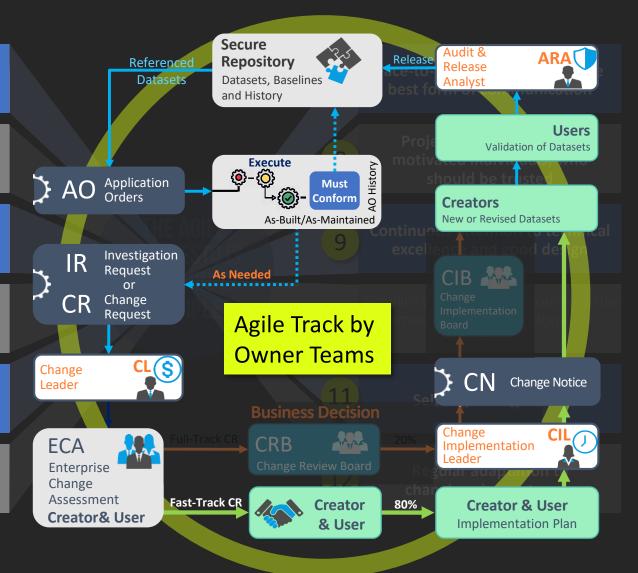


# Agile Product Development with CM2



Fast-Track and Creator/User Teams or Cross-Functional Team

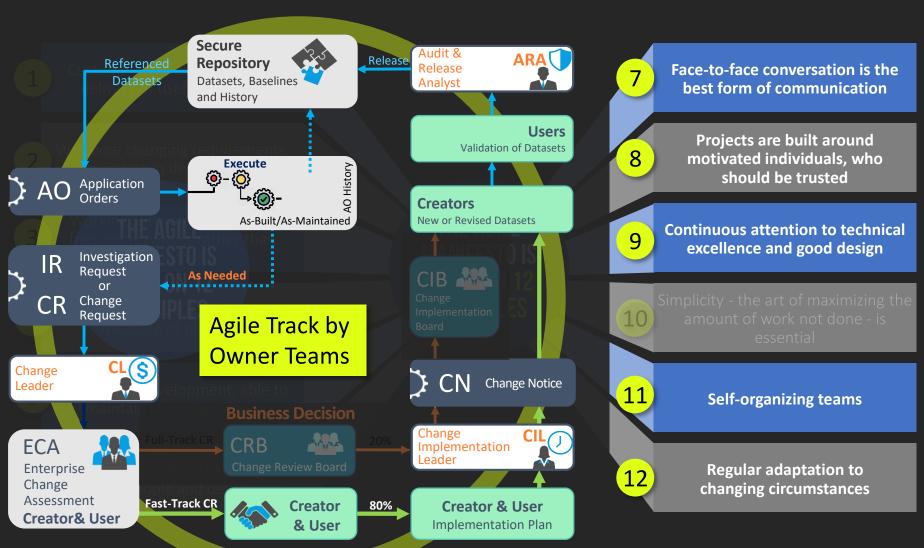
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# Agile Product Development with



CM2 Baselines used for transparent and efficient Team Collaboration

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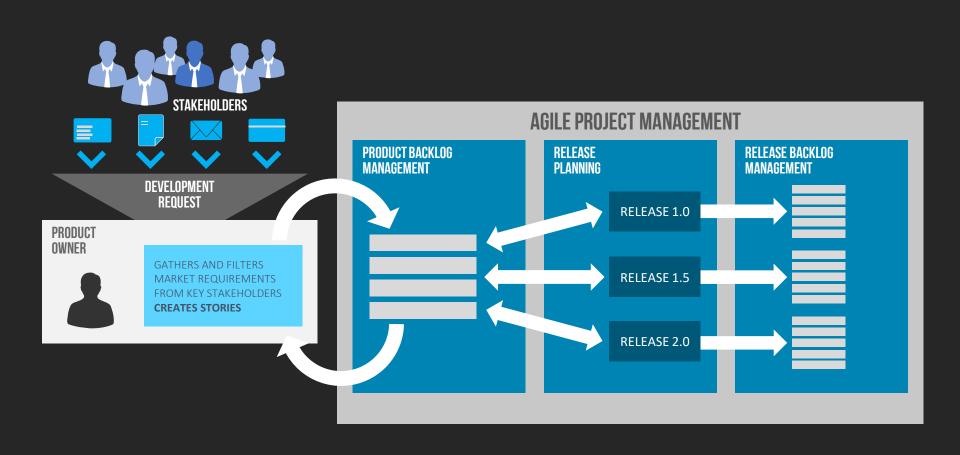
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# Agile Product Development



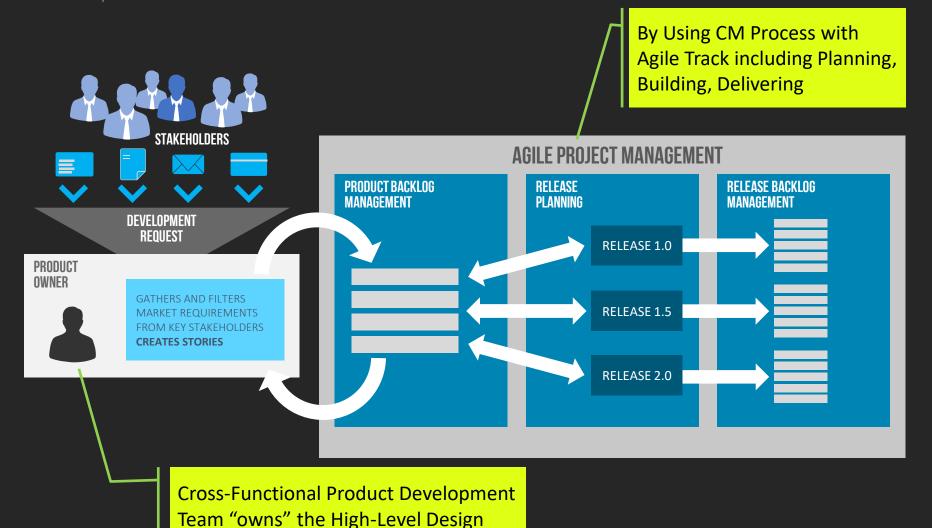
**Development Process** 



# Agile Product Development with CM2



**Development Process** 



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**Thank You** 

