

# Scaling Scrum with Nexus

#ScaledScrumIsStillScrum

*by Scrum.org – Improving the Profession of Software Delivery*



**Richard Hundhausen**

Professional Scrum Developer

Professional Scrum Trainer

Co-creator of the Nexus

[richard@accentient.com](mailto:richard@accentient.com) | [@rhundhausen](https://twitter.com/rhundhausen)

## Organizations want to scale Scrum

- Great results with small initiatives of one to three teams;
- Desire to gain similar benefits from larger initiatives; and,
- Looking for a straightforward approach that builds on their current knowledge and skills.



## What is Scaled Scrum

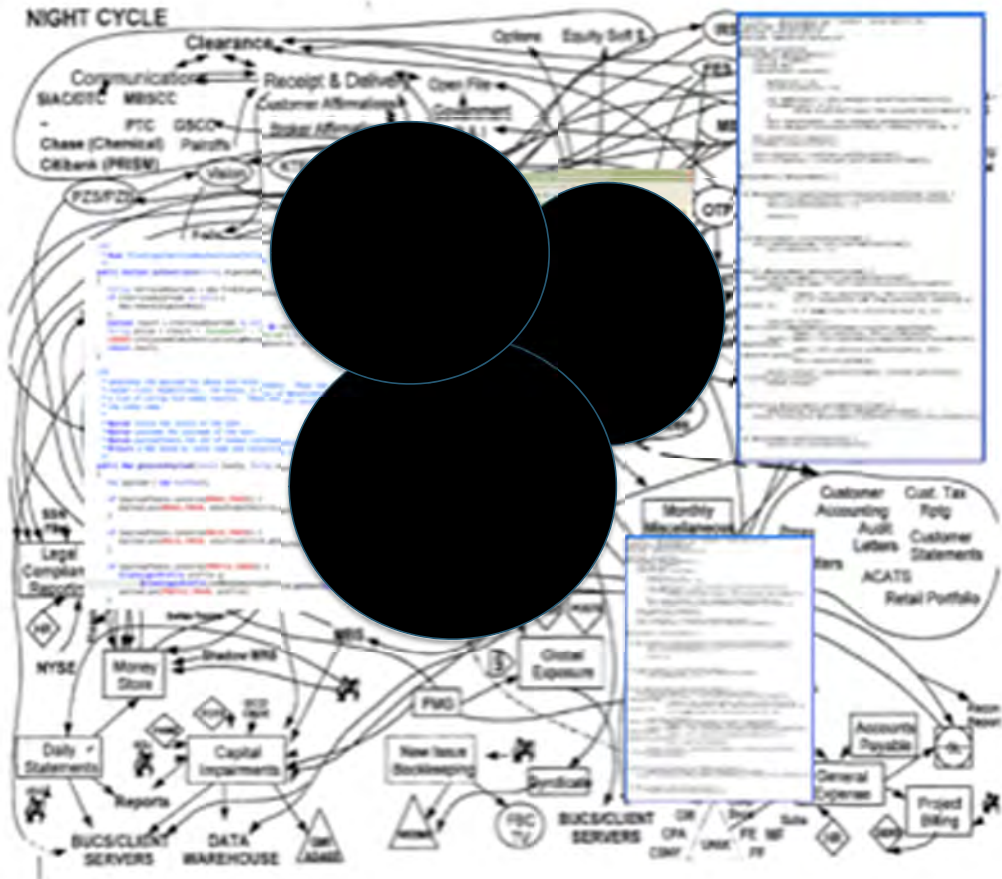
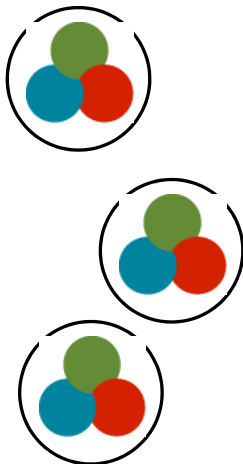
Number of Products\Team	>1	Painful	Portfolio Management
	1	Scrum	Scaled Scrum
		1-2	>2
		Number of Scrum Teams	



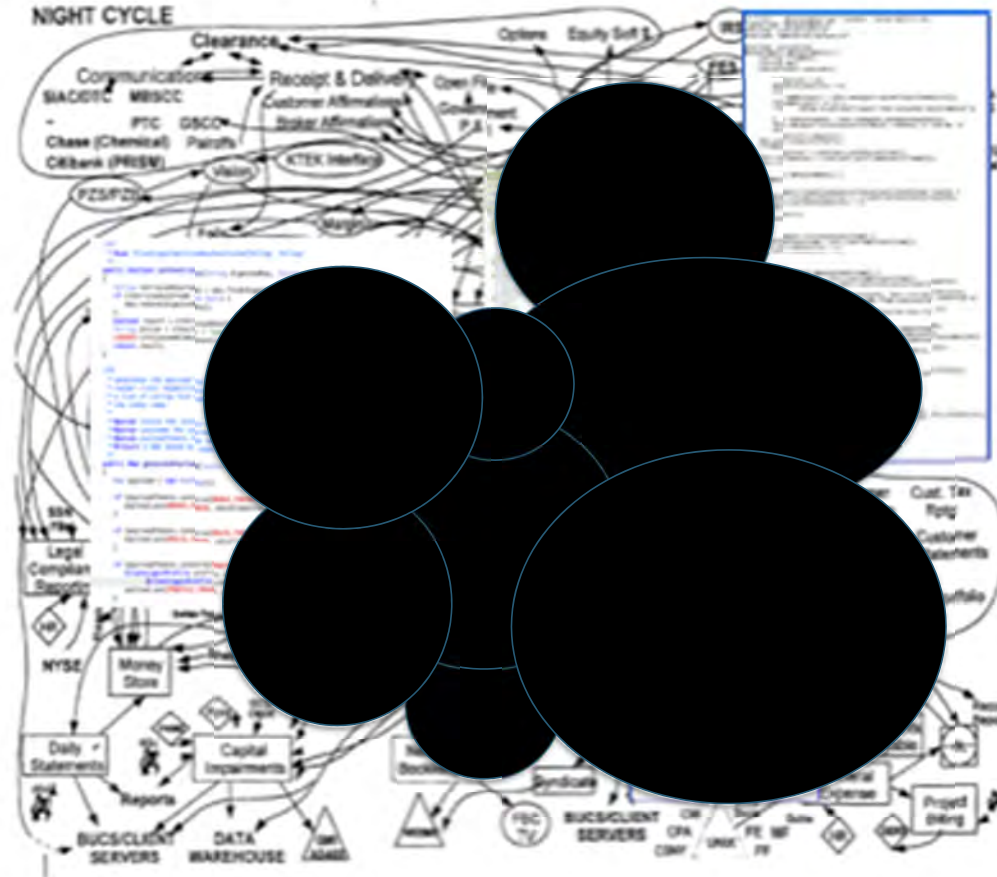
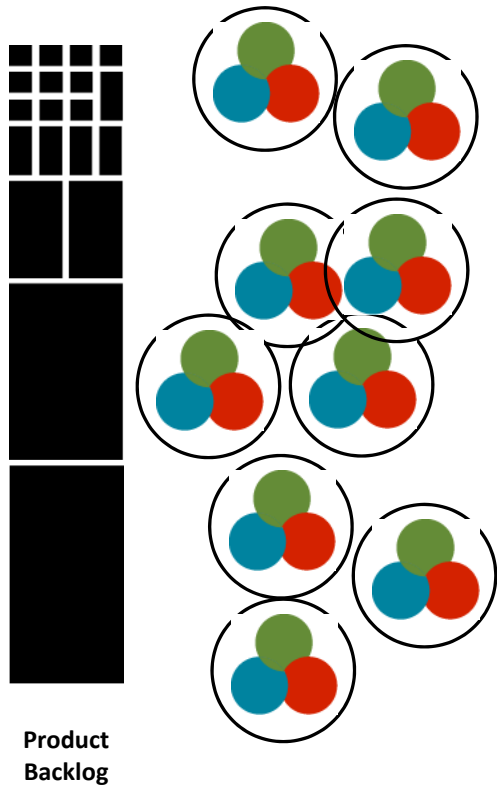
# Three Scrum teams doing work



Product Backlog

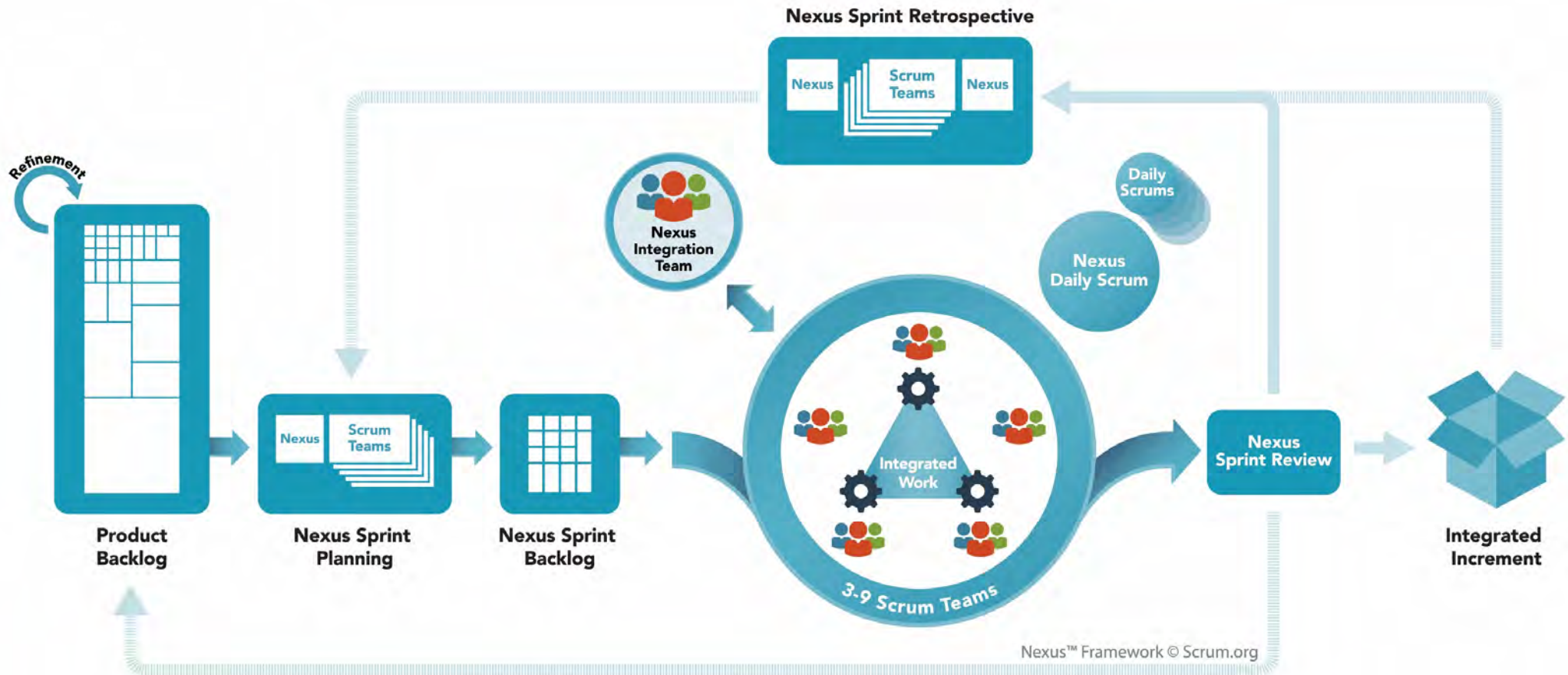


# Nine Scrum teams doing work





# The Nexus Framework from Scrum.org



# Nexus Roles, Events and Artifacts

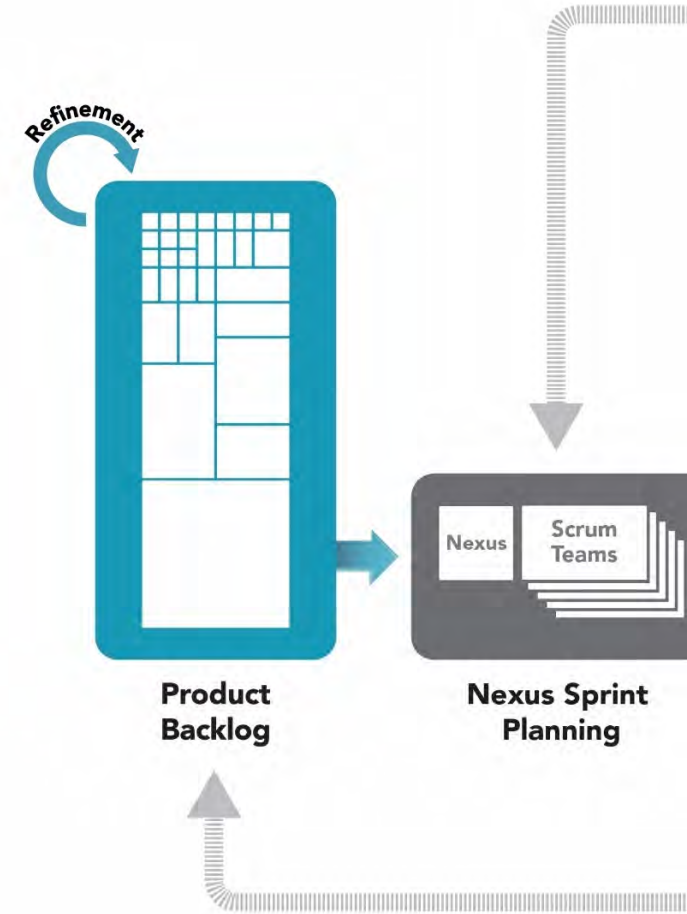
Roles	Events	Artifacts
Development Teams	The Sprint	Product Backlog
Nexus Integration Team*	Nexus Sprint Planning*	Nexus Sprint Backlog*
Product Owner	Sprint Planning	Sprint Backlog
Scrum Master	Nexus Daily Scrum*	Integrated Increment
	Daily Scrum	
	Nexus Sprint Review*	
	Sprint Retrospective	
	Nexus Sprint Retrospective*	
	Refinement	

\*Nexus specific



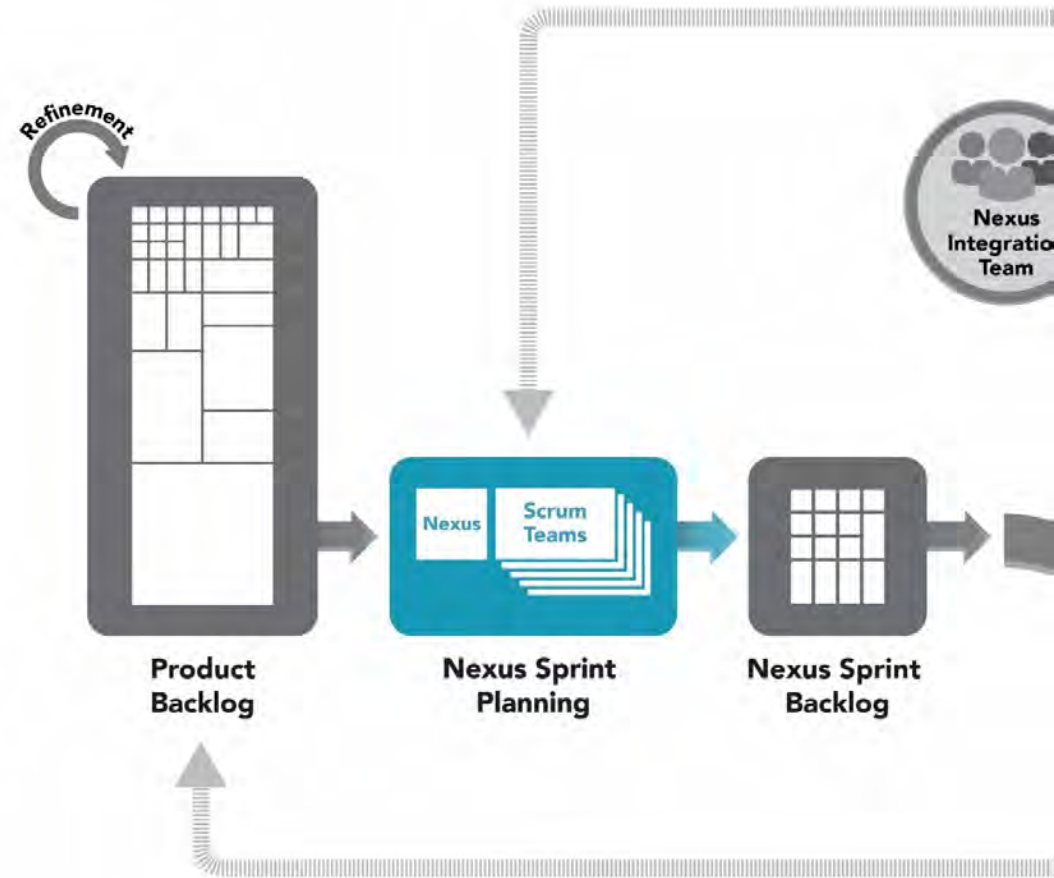
# Product Backlog Refinement

- Conduct regular refinement meetings
- Run these as time-boxed events
  - Reduces big batches
  - Smoother transition across releases
  - Time to consider the problem and solution
  - Talk with SME's outside the Development Team
  - Allows dependencies to be discovered earlier



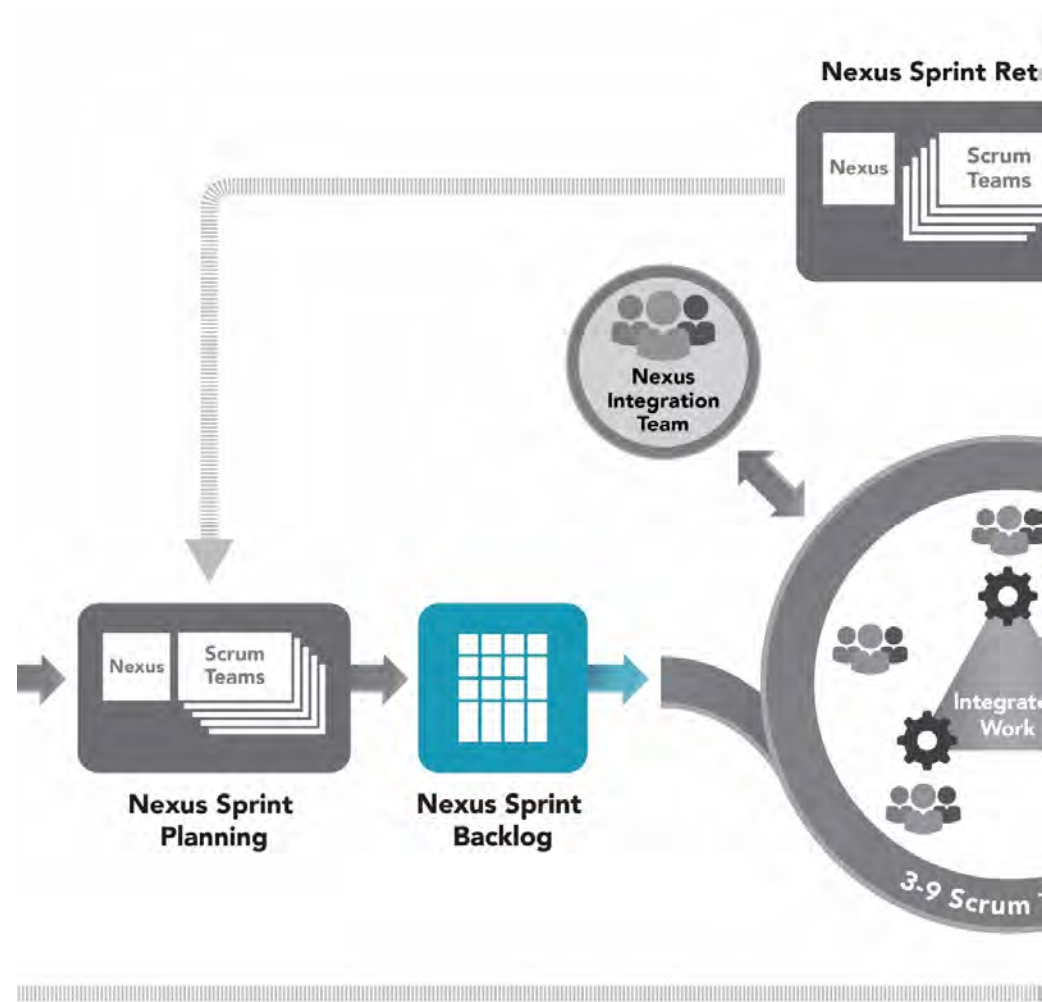
# Nexus Sprint Planning

- Purpose
  - To coordinate and align all Scrum Teams
  - To create plan(s) for the Sprint
  - To identify and manage in-Sprint dependencies



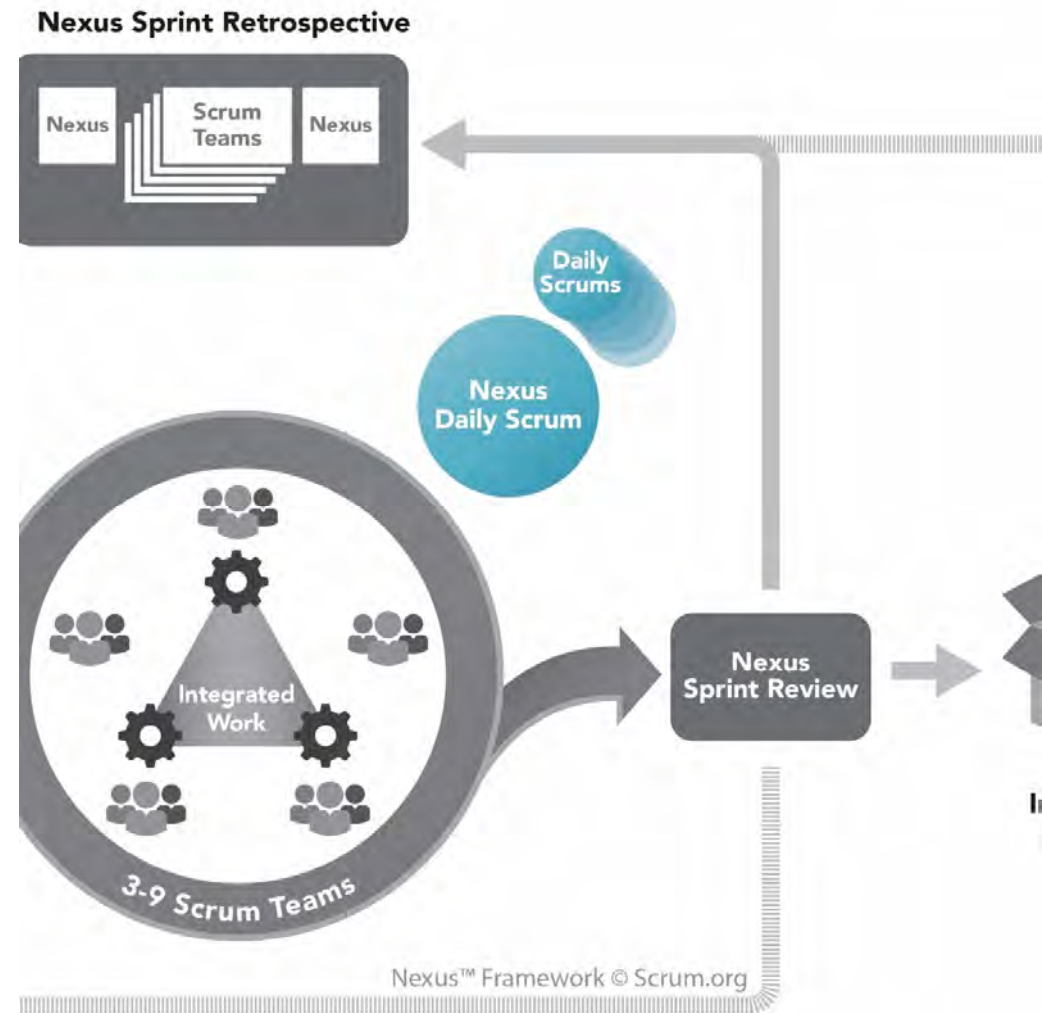
# Nexus Sprint Backlog

- Purpose
  - To provide visibility and transparency into any and all dependencies that exist during the Sprint
- Potentially a mechanism to view all the Product Backlog Items included in the Sprint



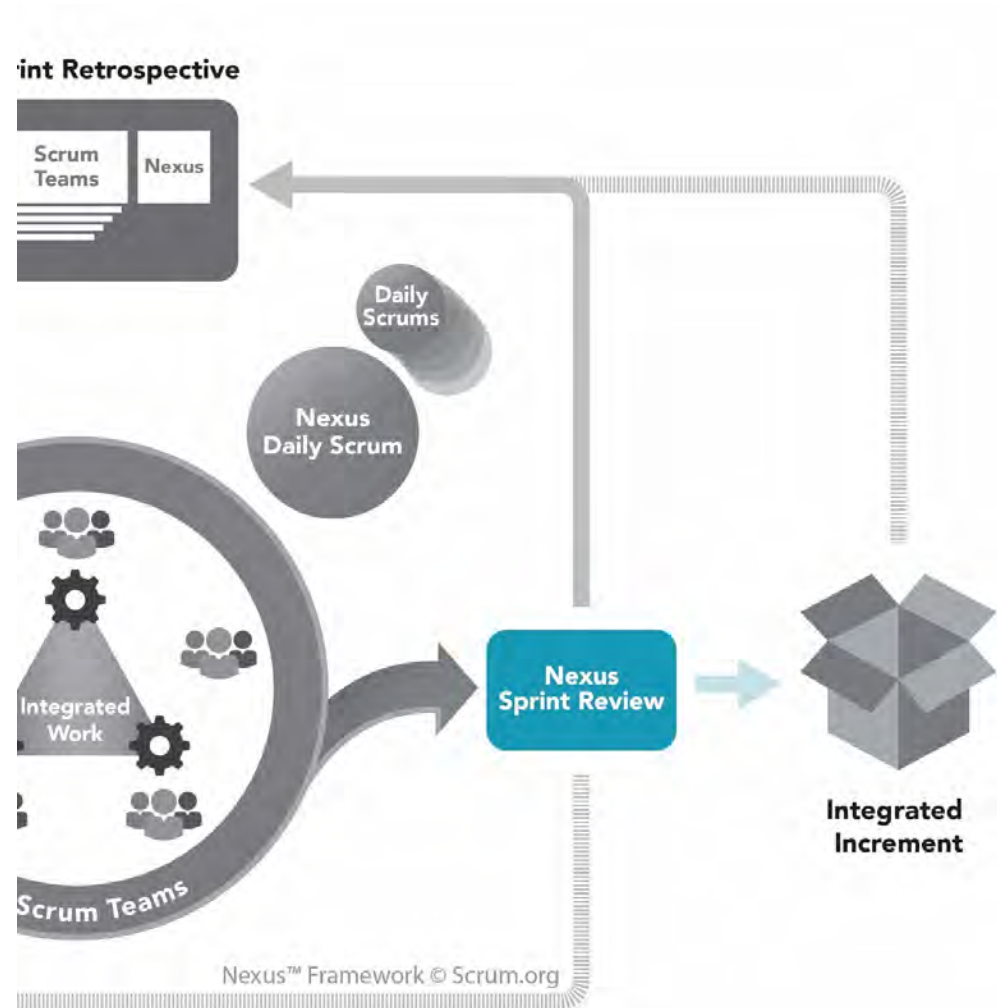
## Nexus Daily Scrum

- Purpose
  - Make integration issues transparent
- The output of the Nexus Daily Scrum serves as input to each individual team's Daily Scrum so they can plan their next day's work



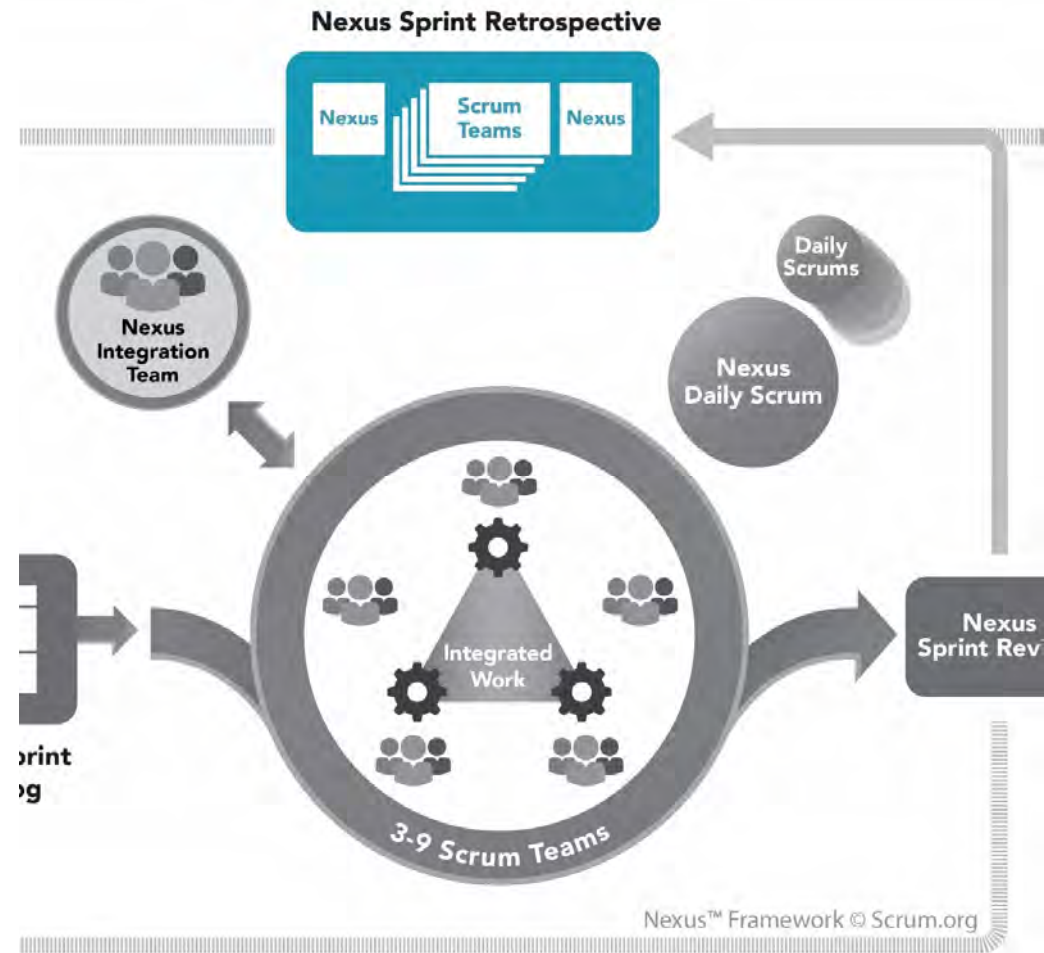
# Nexus Sprint Review

- Purpose
  - Get feedback on the Integrated Increment



# Nexus Sprint Retrospective

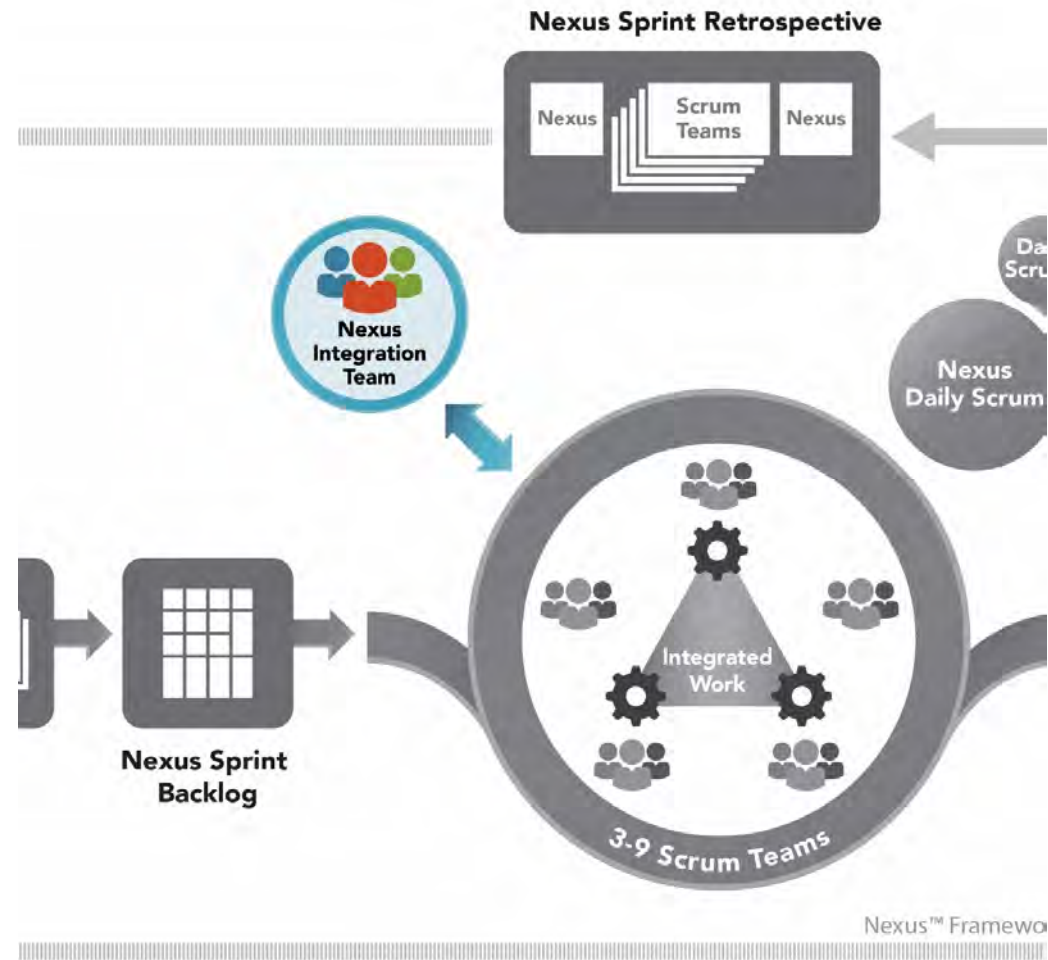
- Purpose
  - Allows for shared challenges to be addressed via bottom-up intelligence
- Three parts:
  1. Representatives from each Scrum Team meet to identify shared challenges
  2. Scrum Team Retrospective
  3. Representatives from each Scrum Team meet to discuss any actions needed for shared challenges





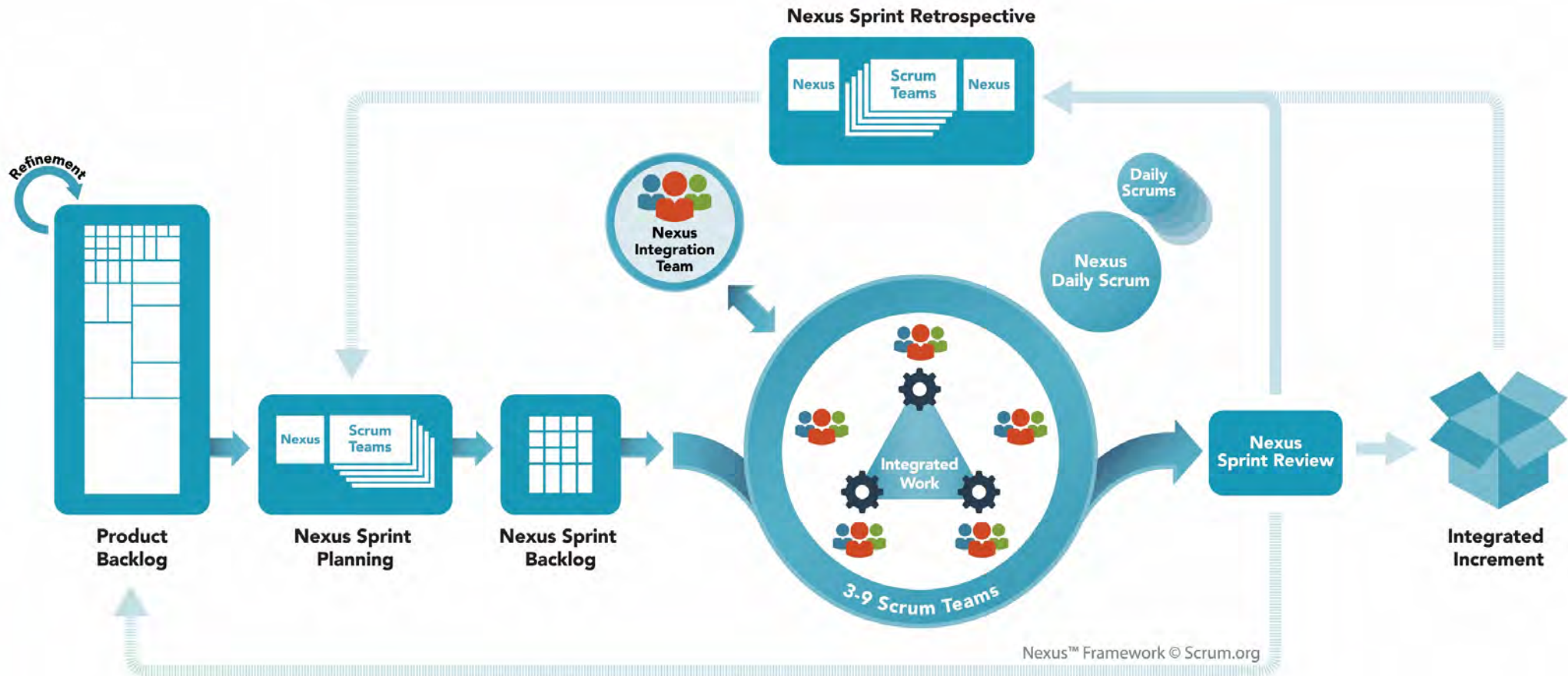
## The Nexus Integration Team

- The Nexus Integration Team is a Scrum Team.
  - Accountable for overall Nexus
- Members may be full or part time.
  - **Membership in the Nexus Integration Team takes precedence**
- Composition may change between Sprints.





# The Nexus Framework from Scrum.org



<https://www.scrum.org/resources/online-nexus-guide>

**Done ( ) ;**

(thank you)

richard@accentient.com | @rhundhausen 