



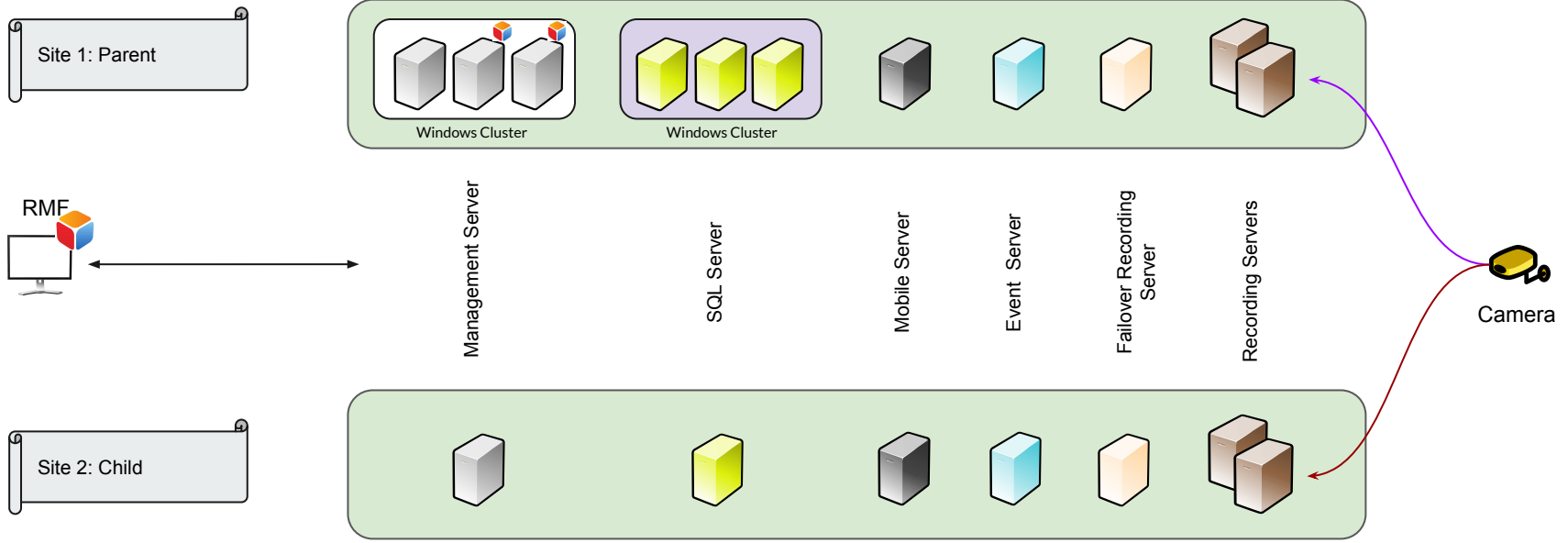
Failure Mitigation

Vega Systems Inc.

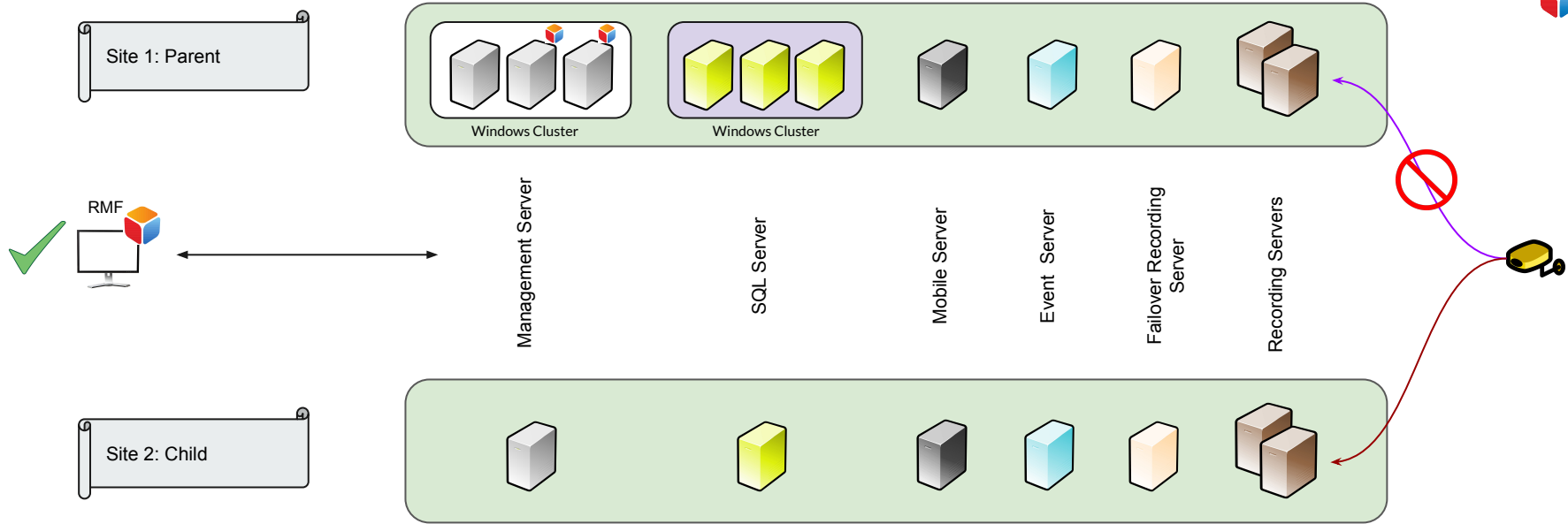
For RMF 5.2.0

03/16/2023

<https://www.vega25.com/rmf>

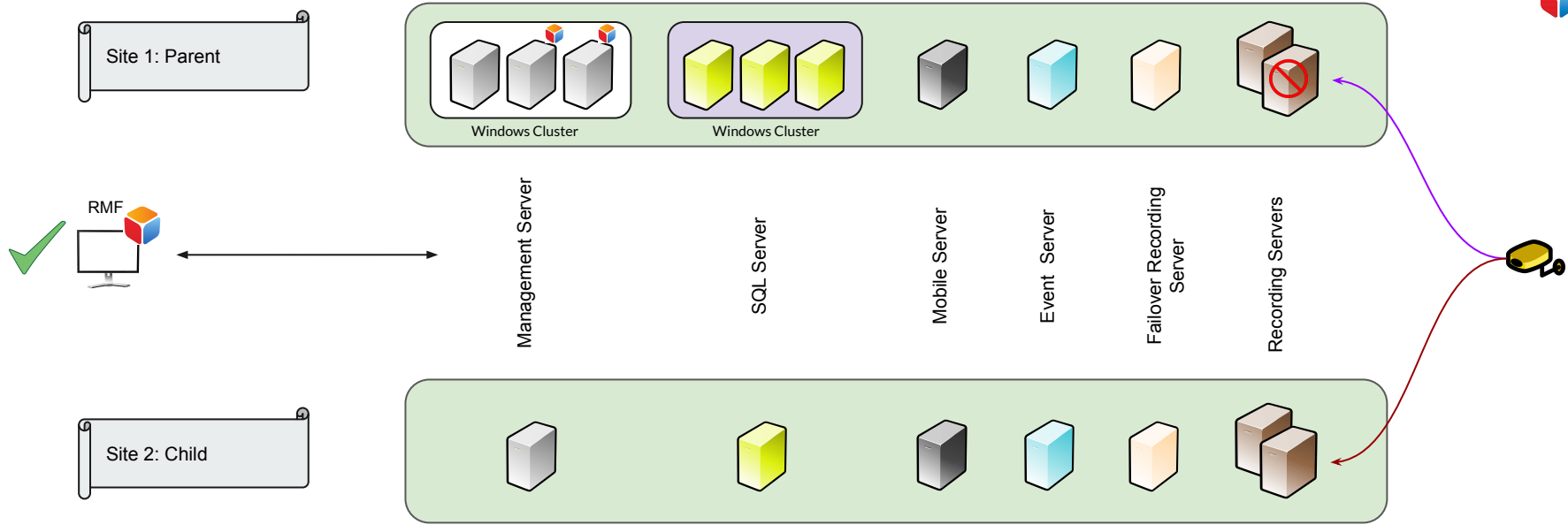


RMF: XProtect Federation Configuration



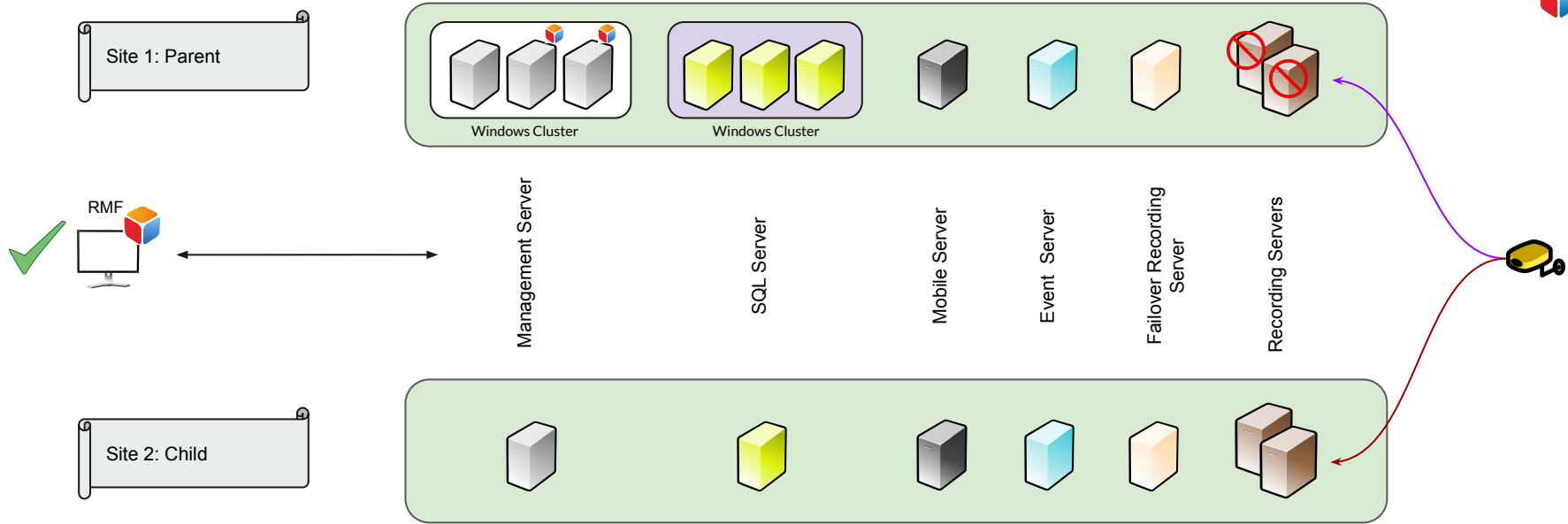
Failure Mode 1: Failures of streams, NVR's ok

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



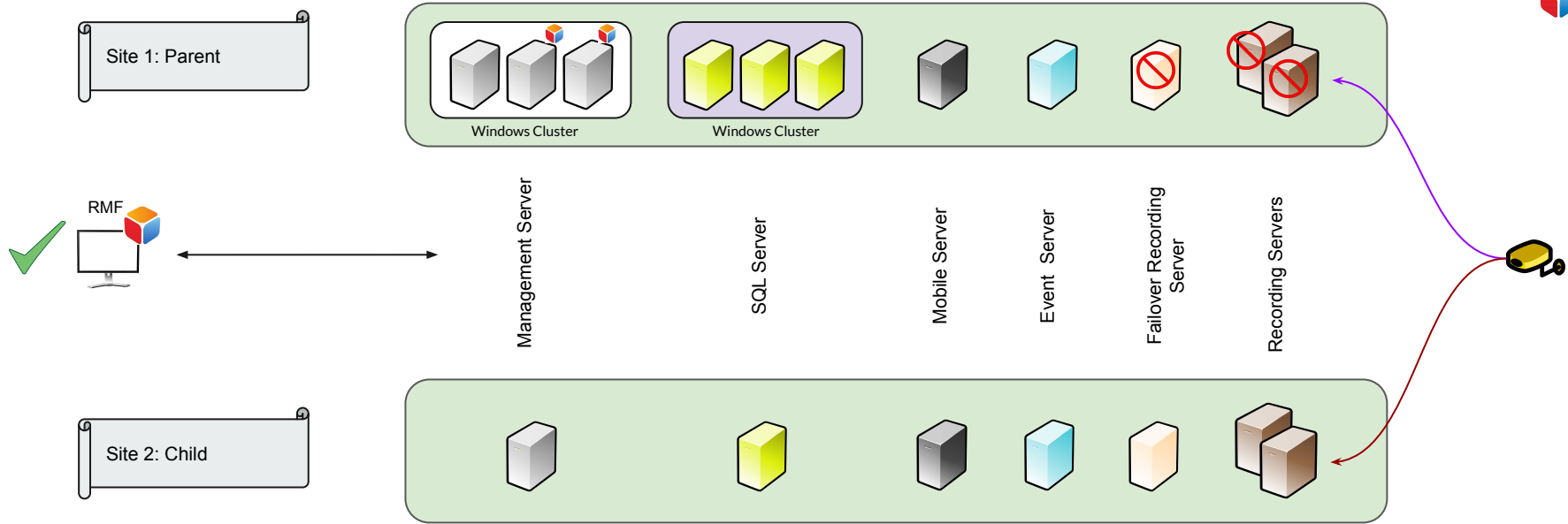
Failure Mode 2: Failure of one Parent NVR

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



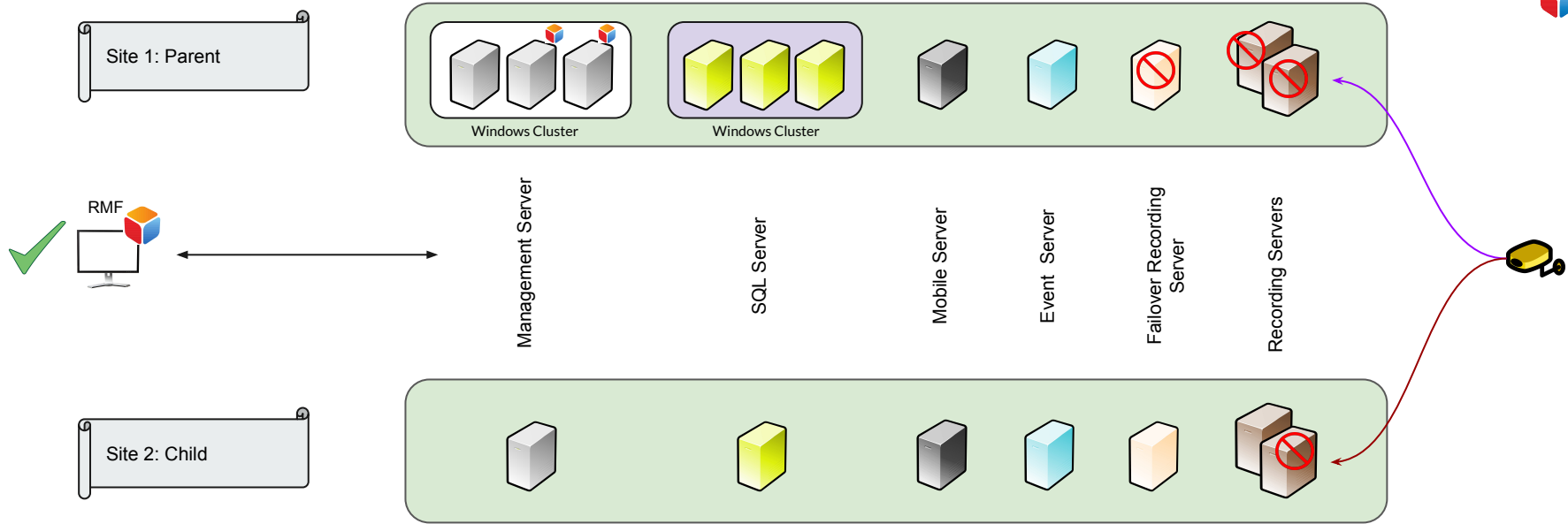
Failure Mode 3: Failure of all parent NVR's

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



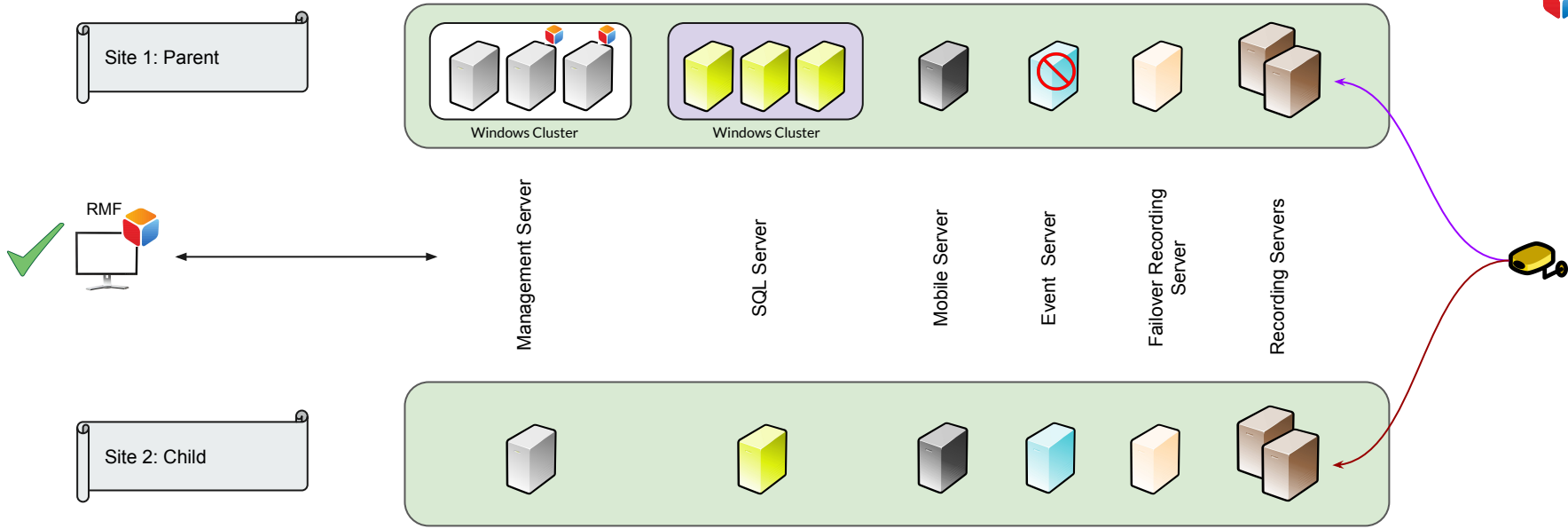
Failure Mode 4: Failure of all parent NVR's and parent failover NVR

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



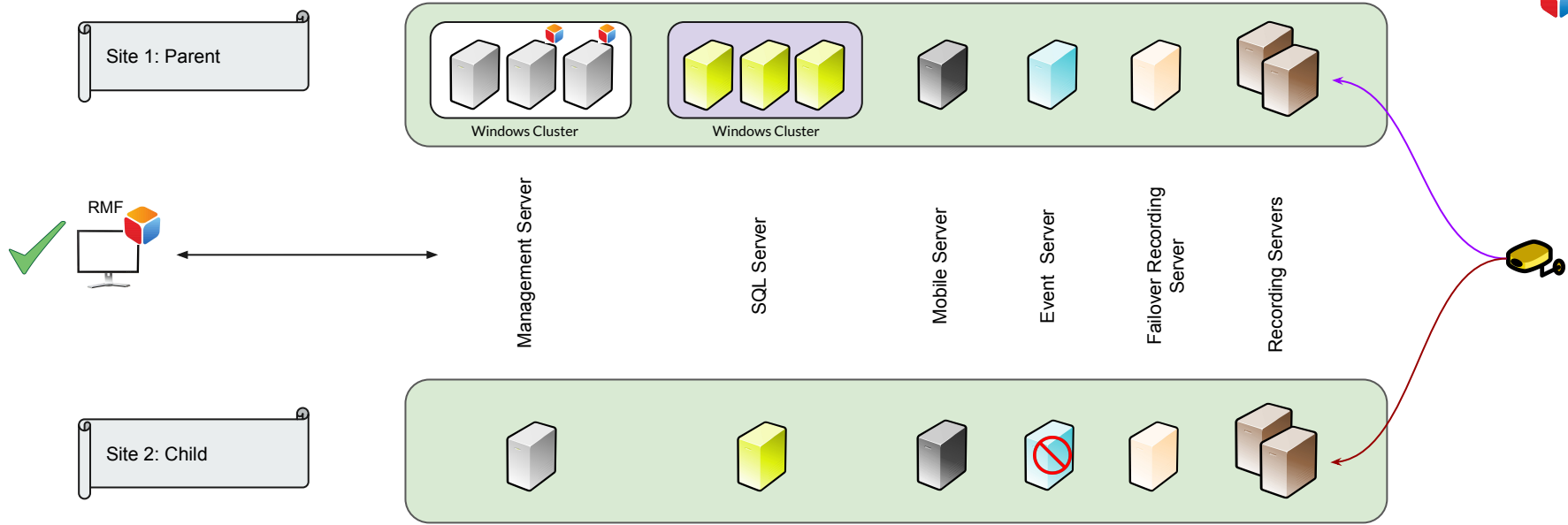
Failure Mode 5: Failure of all parent NVR's, parent failover NVR and a child site NVR

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



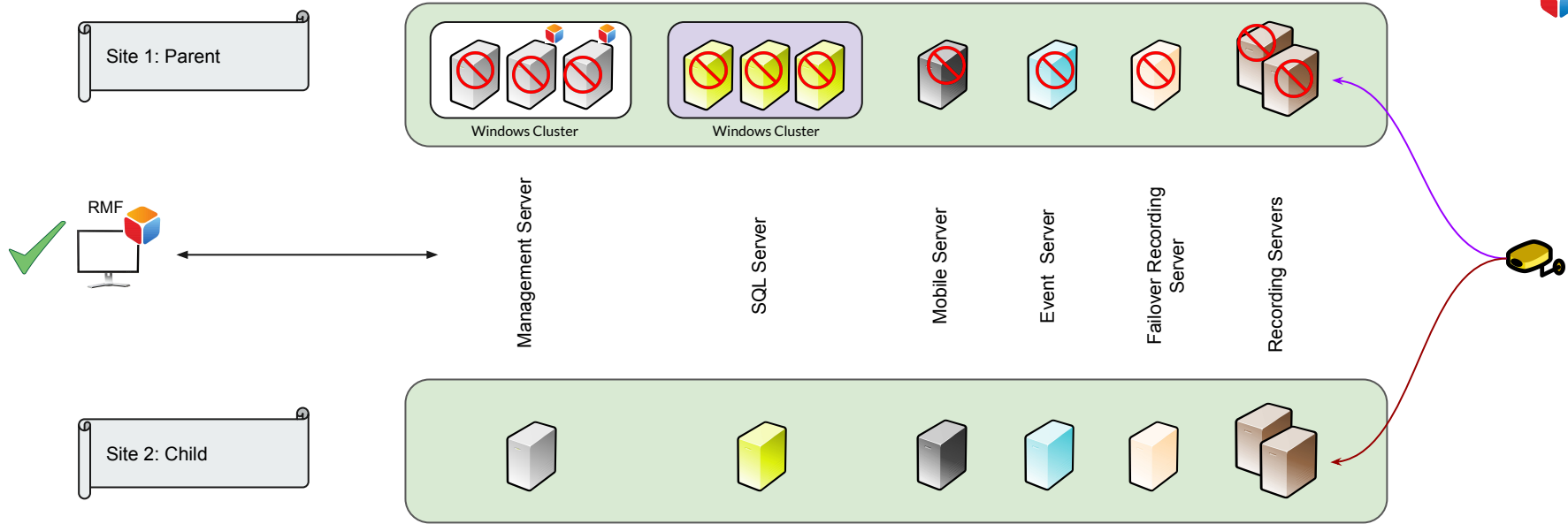
Failure Mode 6: Failure of the Parent Event Server

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



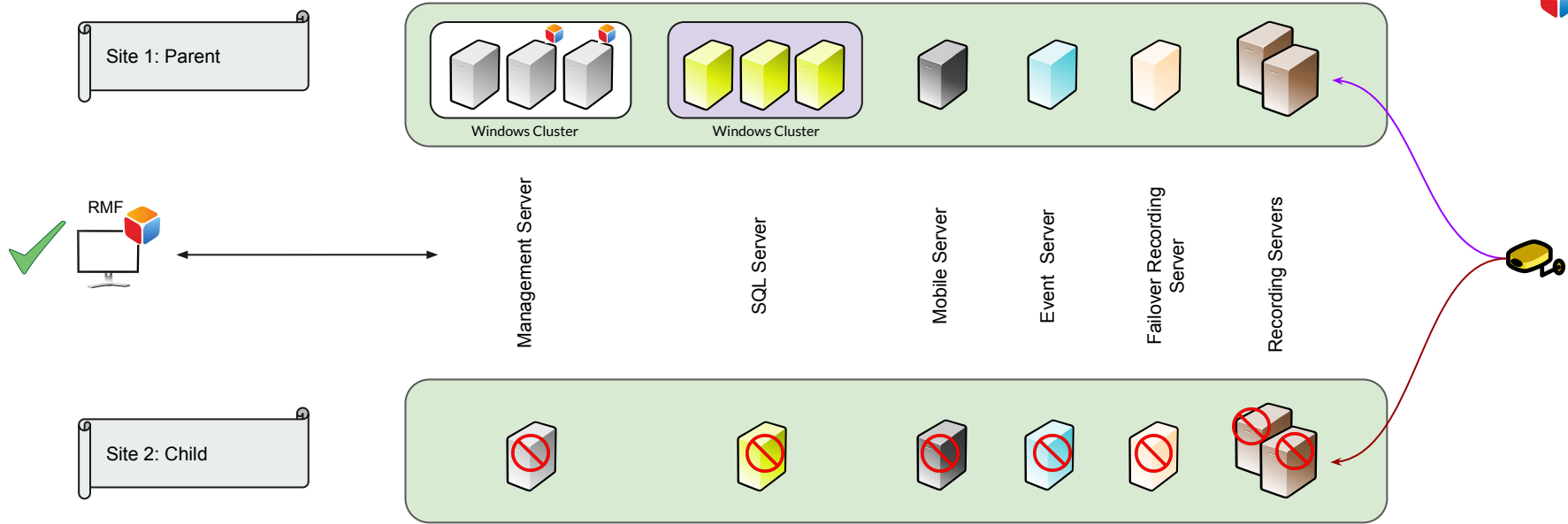
Failure Mode 7: Failure of the Child Event Server

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



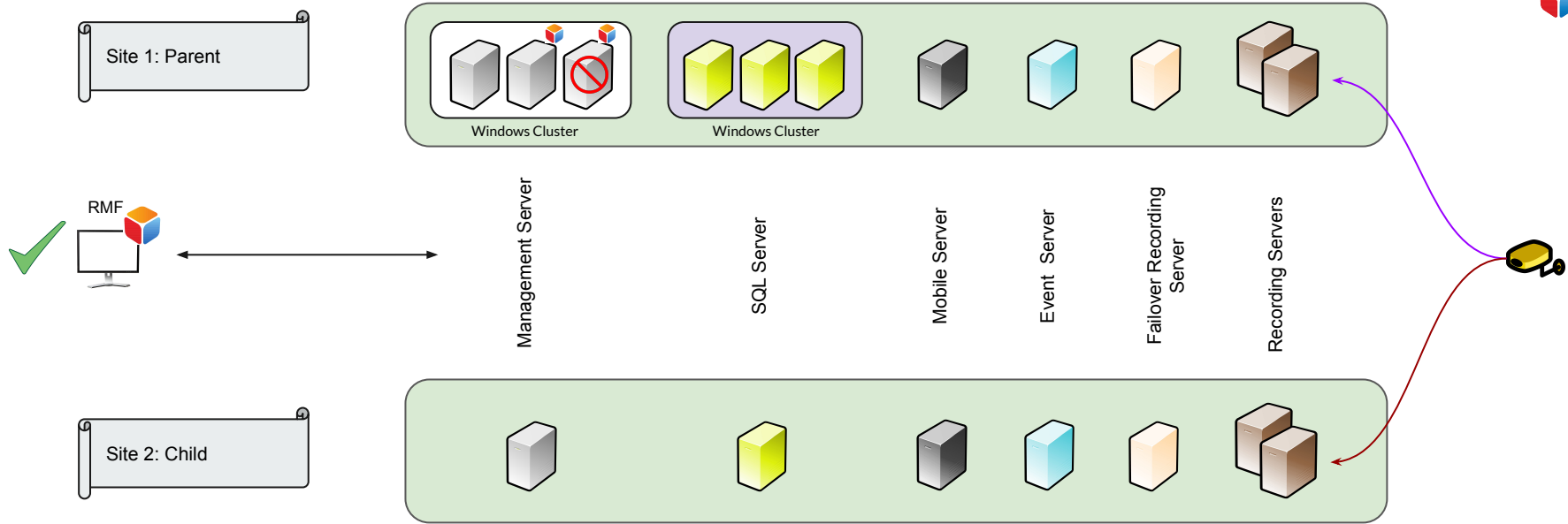
Failure Mode 8: Failure of the Parent Site

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✗		



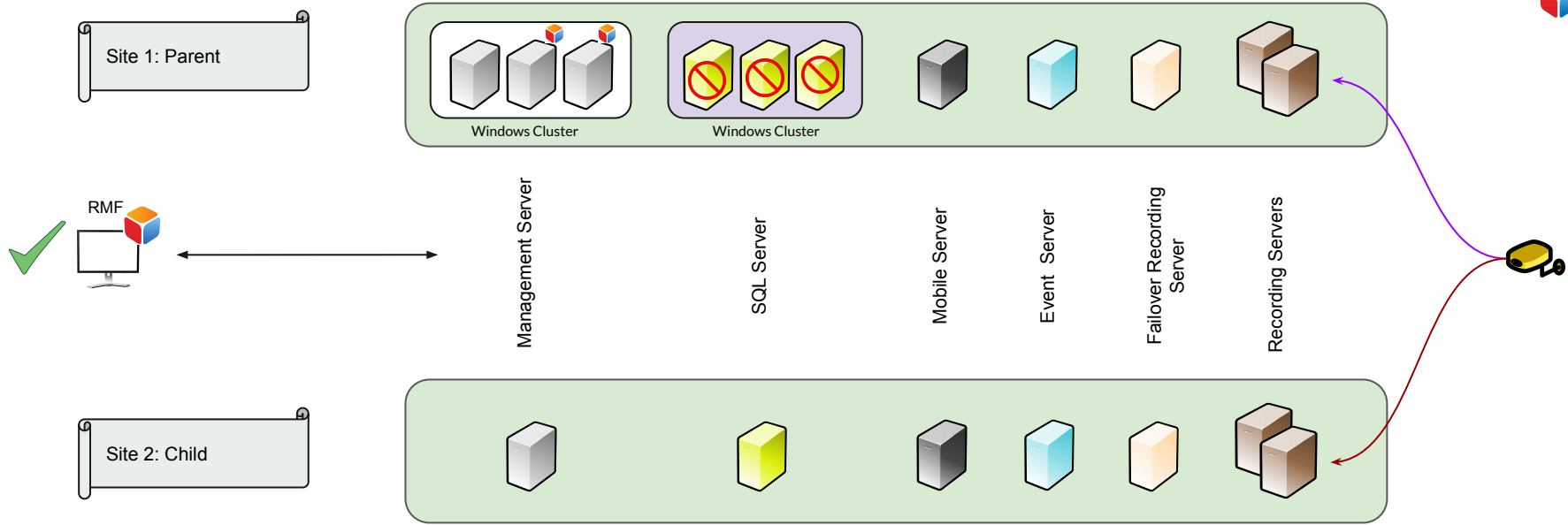
Failure Mode 9: Failure of the Child Site

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



Failure Mode 10: Failure of the parent site “active” Management Server node

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		



Failure Mode 11: Failure of the parent site SQL Server

Live View Switching to Child Site	✓	PTZ movement	✓	Bookmark Retrieval	✓
Playback Switching to Child Site	✓	PTZ Preset	✓		
ToolBar support	✓	Alarm from Child Site	✓		