



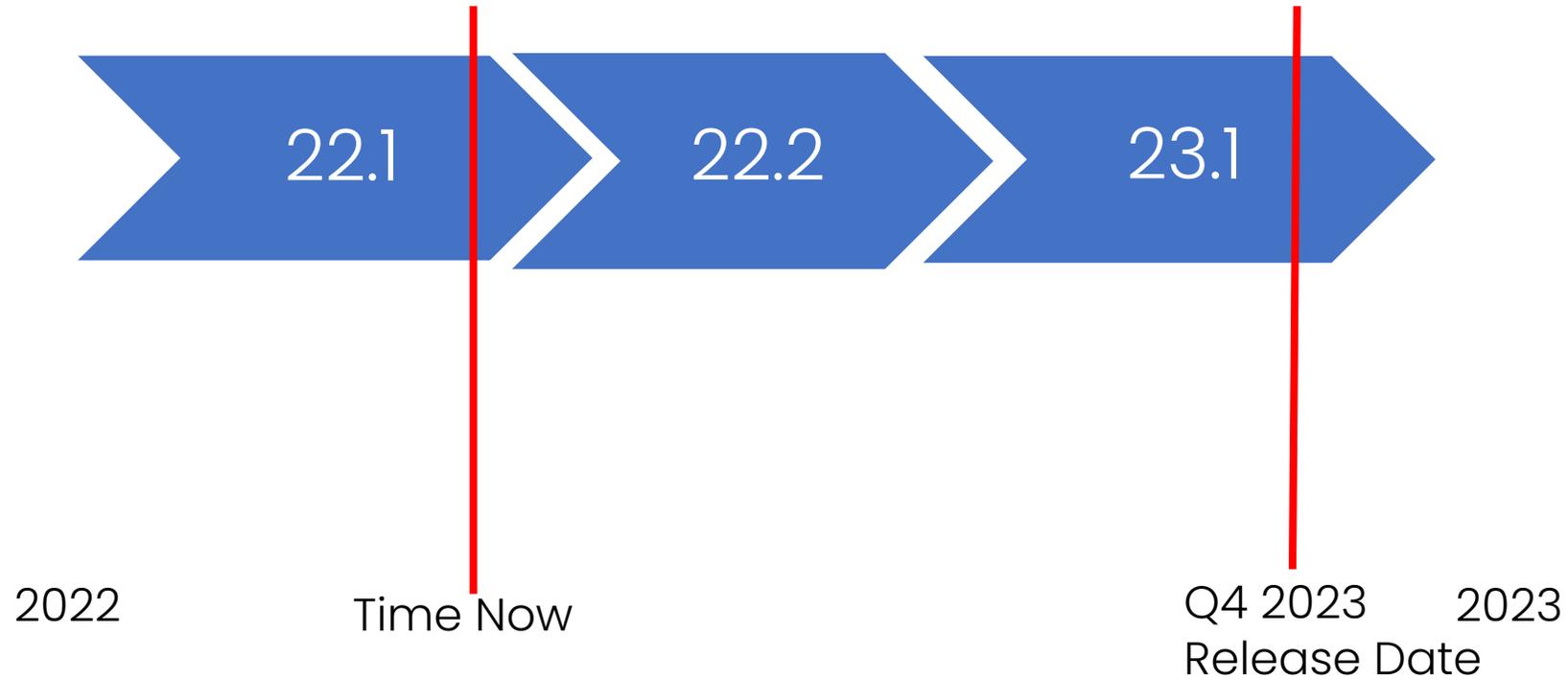
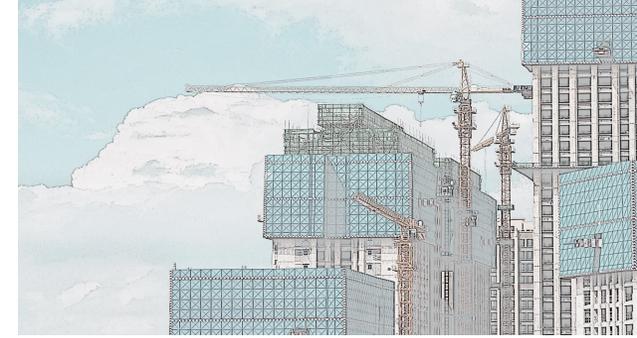
Safran Risk

Short-term roadmap

Glenn Jarrad | Chief Technology Officer



Planned Major Release Cycle



Model Summary

Project Name: UAV Prototype
 Project Description: UAV Prototype
 Date: 26.10.22 14:03:02
 Number of Risks: 15
 Number of Activities: 27
 Number of Risk to Activity mappings: 67

Risks

Risk
Ash Cloud - Flight corridor closed due to ash cloud
Contractor Liquidation - Subcontractor enters liquidation
Design - Design specification change
ECommunication - External communication issues
Governance - Changes to legal governance
ICommunication - Internal communication issues
Merger or Acquisition - Organizational changes following merger or acquisition
Outsource - Outsource redefinition
Poor Flying Conditions - Unable to test due to poor weather conditions
Procurement Delays - Procurement process delayed
Strategic - Change in strategic direction
Testing Overrun - Late phase testing runs over schedule
U1 - Low Uncertainty - Low Estimate Uncertainty
U2 - Medium Uncertainty - Medium Estimate Uncertainty
U3 - High Uncertainty - High Estimate Uncertainty

Analysis Options

Number of Iterations: 1000
 Seed: 0
 Latin Hypercube: No
 Include Correlations: No
 Resource level after each iteration: No

Results Overview

Finish Date

Project	Det. Value	Probability	P20	P50	P80
Project	26.Sept.2015	2%	10.Nov.2015	27.Dec.2015	29.Feb.2016

Duration

Project	Det. Value	Probability	P20	P50	P80
Project	564d	2%	609d	656d	720d

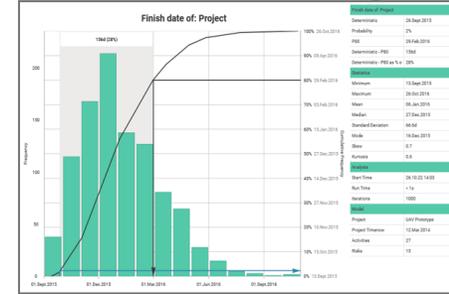
Start Date

Project	Det. Value	Probability	P20
Project	12.Mar.2014	100%	12.Mar.2014

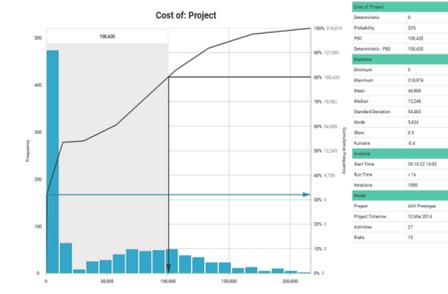
Cost

Project	Det. Value	Probability	P20	P50	P80
Project	0	32%	0	12,243	100

Finish date of: Project



Cost of: Project

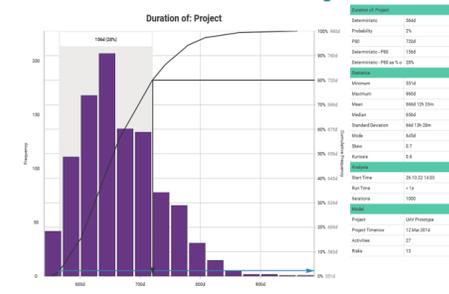


Activities driving finish date of Project



Activity	Duration (Days)
T0140 - Test specialist camera	200
R0130 - Final on site testing	150
A0200 - Overall design template	100
F0130 - Test GPS systems	80
T0110 - Test lens	70
D0100 - Design GPS system	60
A0130 - Locate subcontractors	50
D0120 - Design specialist camera lens	40
R0140 - Reconstruct on site	30
A0200 - Overall design template	20
R0110 - Re-assembly guidance	15
A0120 - Agree contract	10
A0110 - Prepare contract	10
C0100 - Assemble fuel system	10
F0130 - Fabricate fuel systems	10
C0100 - Connect fuel and engine systems	10
C0110 - Assemble engine components	10
F0100 - Fabricate camera lens frame	10

Duration of: Project

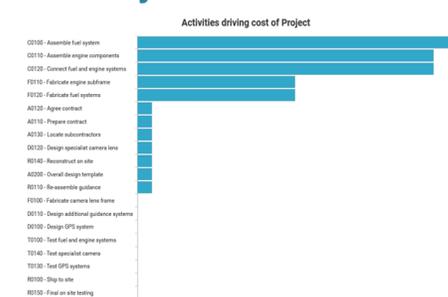


Risks driving finish date of Project



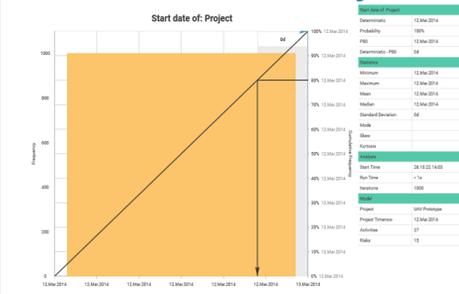
Risk	Impact (Days)
Ash Cloud	1800
Testing Overrun	1500
ECommunication	1200
Procurement Delays	1000
Merger or Acquisition	800
Governance	700
Strategic	600
Outsource	500
Communication	400
Design	300
U2 - Medium Uncertainty on F0100 - Fabricate engine subframe	200
U2 - Medium Uncertainty on D0100 - Design GPS system	150
U1 - Low Uncertainty on R0130 - Re-assembly fuel systems	100
U1 - High Uncertainty on T0110 - Test lens	100
U2 - Medium Uncertainty on F0120 - Fabricate fuel systems	100
U1 - Low Uncertainty on A0120 - Agree contract	100
U1 - Low Uncertainty on C0100 - Assemble fuel system	100
U2 - Medium Uncertainty on F0100 - Fabricate camera lens frame	100
U1 - Low Uncertainty on R0150 - Final on site testing	100

Activities driving cost of Project

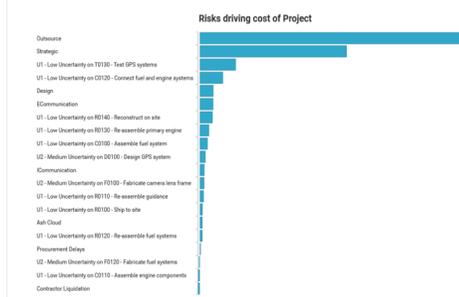


Activity	Cost
C0100 - Assemble fuel system	1800
C0110 - Assemble engine components	1500
C0120 - Connect fuel and engine systems	1200
F0130 - Fabricate engine subframe	1000
F0100 - Fabricate fuel systems	800
A0100 - Agree contract	700
A0110 - Prepare contract	600
A0130 - Locate subcontractors	500
D0120 - Design specialist camera lens	400
R0140 - Reconstruct on site	300
A0200 - Overall design template	200
R0110 - Re-assembly guidance	150
F0100 - Fabricate camera lens frame	100
D0110 - Design additional guidance systems	100
D0100 - Design GPS system	100
T0100 - Test fuel and engine systems	100
T0140 - Test specialist camera	100
C0100 - Connect fuel and engine systems	100
R0100 - Ship to site	100
R0150 - Final on site testing	100

Start date of: Project

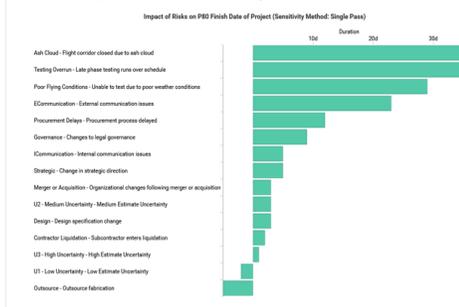


Risks driving cost of Project

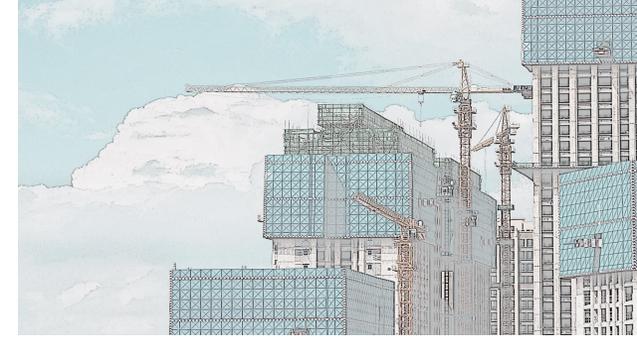


Risk	Impact (Cost)
Outsource	1800
Strategic	1500
U1 - Low Uncertainty on T0130 - Test GPS systems	1200
U1 - Low Uncertainty on C0120 - Connect fuel and engine systems	1000
Design	800
ECommunication	700
U1 - Low Uncertainty on R0140 - Reconstruct on site	600
U2 - Medium Uncertainty on R0130 - Re-assembly primary engine	500
U1 - Low Uncertainty on C0100 - Assemble fuel system	400
U2 - Medium Uncertainty on C0100 - Design GPS system	300
Communication	200
U2 - Medium Uncertainty on F0100 - Fabricate camera lens frame	150
U1 - Low Uncertainty on R0110 - Re-assembly guidance	100
U1 - Low Uncertainty on R0150 - Ship to site	100
Ash Cloud	100
U1 - Low Uncertainty on R0120 - Re-assembly fuel systems	100
Procurement Delays	100
U2 - Medium Uncertainty on F0130 - Fabricate fuel systems	100
U1 - Low Uncertainty on C0110 - Assemble engine components	100
Contractor Liquidation	100

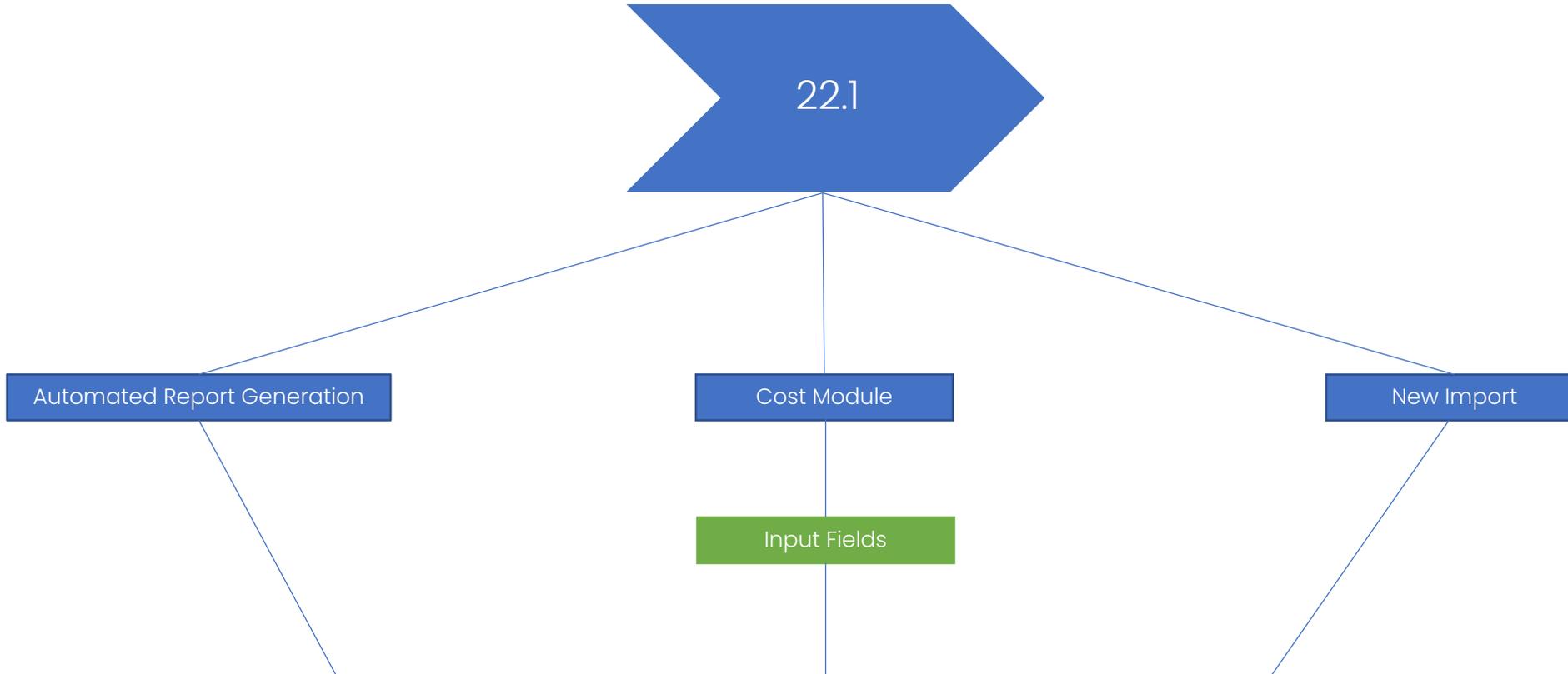
Impact of Risks on P80 Finish Date of Project (Sensitivity Method: Single Pass)



Risk	Impact (Days)
Ash Cloud - Flight corridor closed due to ash cloud	300
Testing Overrun - Late phase testing runs over schedule	250
Poor Flying Conditions - Unable to test due to poor weather conditions	200
ECommunication - External communication issues	150
Procurement Delays - Procurement process delayed	100
Governance - Changes to legal governance	80
Communication - Internal communication issues	70
Strategic - Change in strategic direction	60
Merger or Acquisition - Organizational changes following merger or acquisition	50
U2 - Medium Uncertainty - Medium Estimate Uncertainty	40
Design - Design specification change	30
Contractor Liquidation - Subcontractor enters liquidation	20
U3 - High Uncertainty - High Estimate Uncertainty	15
U1 - Low Uncertainty - Low Estimate Uncertainty	10
Outsource - Outsource fabrication	10

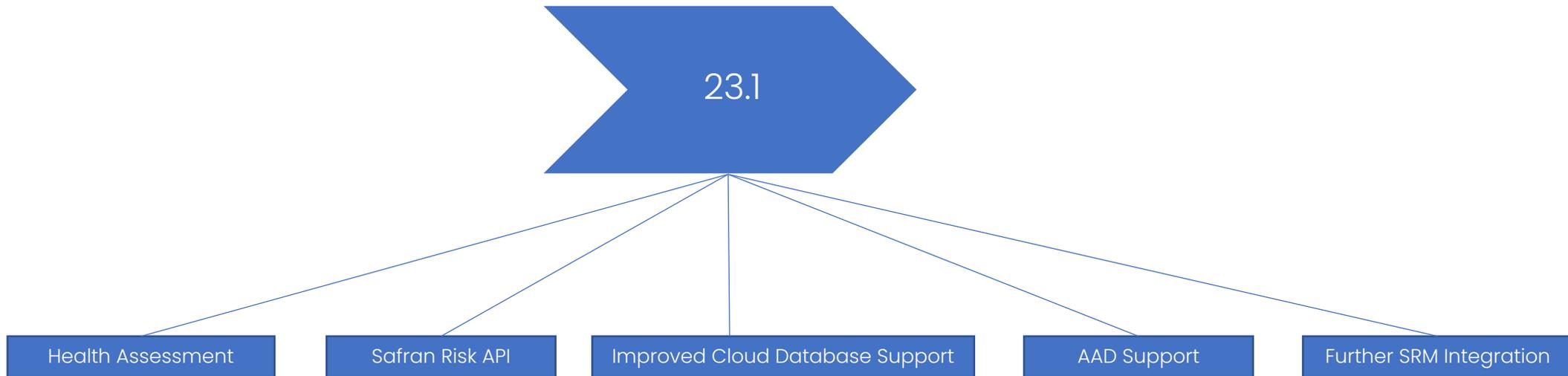
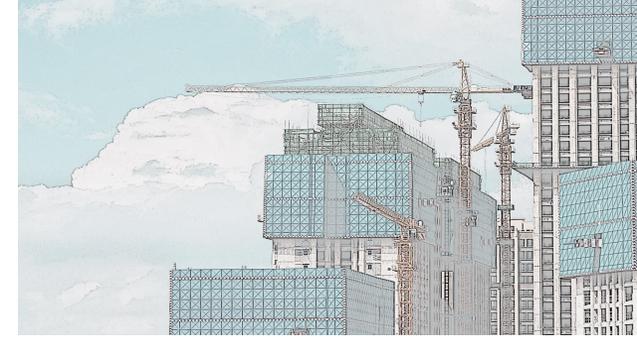


Demo Breaks



Come and see Fred Demo these three features in the breaks today and tomorrow

Release 23.1.0





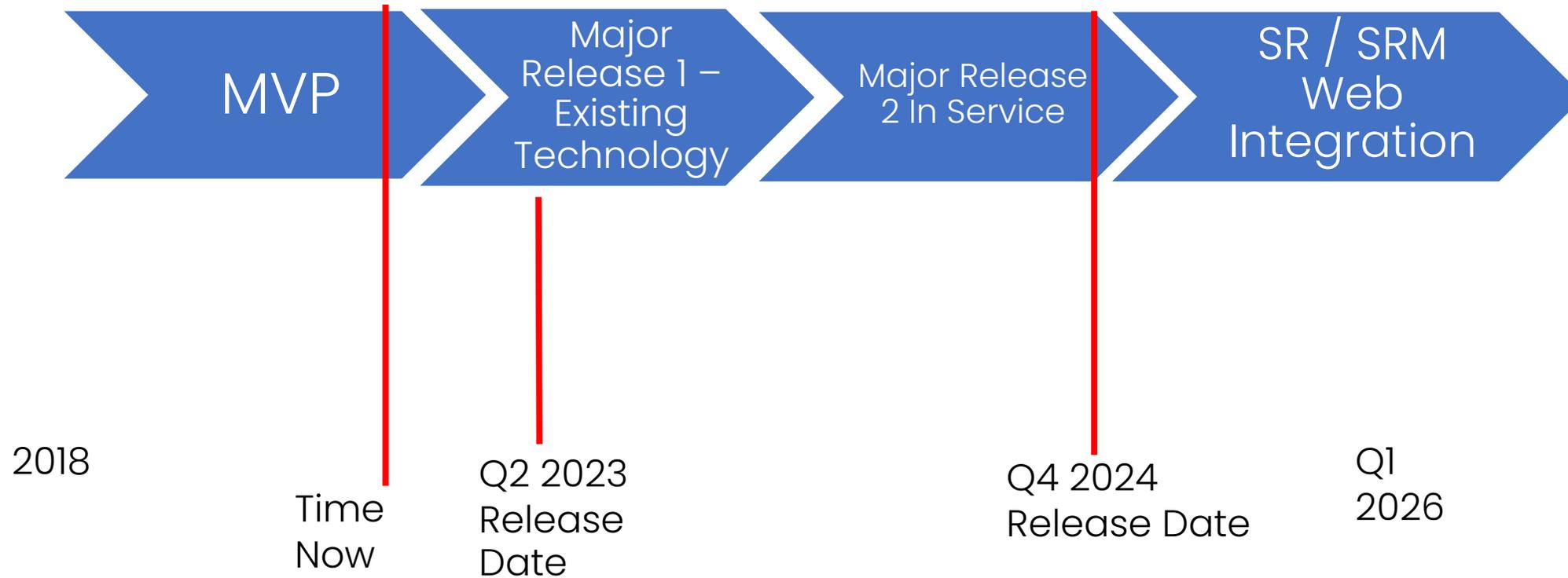
Safran Risk Manager

Short-term roadmap

POWERHOUSE

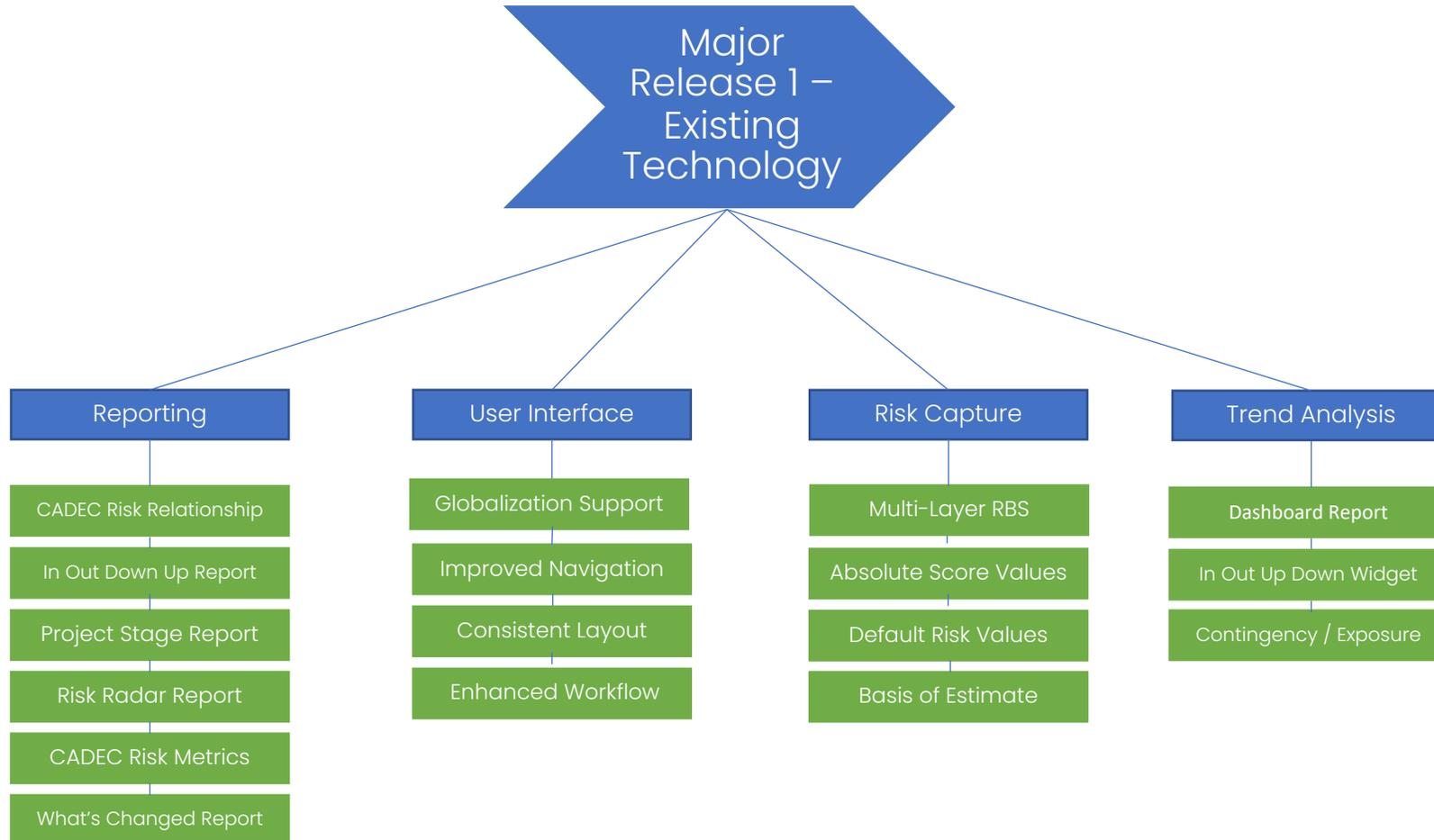


Planned Major Release Cycle





Major Release 1 (23.1)





Major Release 2



JDM DEVELOPMENT Web 3 Technology



Powerful
mobile
capability



More charting
capability



Updated user
interface



Thank you.

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