

# Star Tek



## Initiative brief

💡 Readme

\* Required information

- Project details
- Phase 1:
  - Envision - High level initiatives
    - First, let's start with the Problem space
- Phase 2:
  - Strategize
    - My tasks


## Project details

<b>Phase</b>	<input type="checkbox"/> Envision <input checked="" type="checkbox"/> Strategize
<b>Status</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid yellow; padding: 2px;">IN PROGRESS</div> <div style="border: 1px solid blue; padding: 2px;">UNDER REVIEW</div> <div style="border: 1px solid green; padding: 2px;">APPROVED</div> </div> <div style="border: 1px solid red; padding: 2px; margin-top: 5px;">NOT APPROVED</div>
<b>Start Date</b>	<p><i>Enter the starting date of your initiative, by clicking on the calendar icon below - when you started to work on different step of the initiative</i></p> <p>02 Jan 2023</p>
<b>Initiative name</b>	<p>12160</p> <p><i>Up to investment by DT PMO</i></p>
<b>2.0 Scope / Deliverables</b>	<p>This is an extension of initiative 11764 Star Tek MVP. Following the success of the MVP, this initiative aims to deploy the use cases from the MVP that have already proven their worth to all Star Factory sites to be deployed in 2023. In parallel, we intend to add to the service offer by developing new use cases. These use cases will be brought by Business during the Star Factory deployment and respective roadmaps established.</p> <p>This accelerates data intensive projects, optimizes and accelerates deployment of Digital applications such as Eschbach, SeeQ, PI Vision, creating value from day 1. This standardization also contributes to DT providing better service. All applications connected to Star Tek are standard approved applications and all use-cases are easily reproduced in other sites thanks to the standardization.</p> <p>This initiative is closely linked to Star Factory program and takes into account, on its roadmap, other initiatives such as IT infrastructure modernization, Eschbach roll-out, PI Vision (replacing end of life product Process Book) roll-out, MES upgrade, in order to optimize deployment costs and resources from the DT side, as well as from the sites.</p> <p>Estimated budget - 5.5 million euros (includes 43 sites architecture deployment, SeeQ licensing costs for new sites, roll-out of existing use-cases, development of new use cases, study for new data sources to be included and study for the possibility of having a star tek ITAR version)</p> <p>You can find more information about the project and the value it has already created in the presentation <a href="#">here</a>.</p>
<b>Domain &amp; Product</b>	


## My tasks

- Enter your task here, using « @ » to assign it to a user and « // » to select a due date
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<b>Requested Domain Journey / Platform</b>	<input checked="" type="checkbox"/> Platf1- Data & Analytics & AI Platform <input checked="" type="checkbox"/> Platf2 A- Develop, Test & Deploy Platform <input checked="" type="checkbox"/> Platf2 B- Multi experience Platform <input type="checkbox"/> Platf2 C- Ent. Business Systems Platform <input type="checkbox"/> Platf3 A- Ecosystem Platform <input checked="" type="checkbox"/> Platf3 B- Hybrid & Cloud Platform <input checked="" type="checkbox"/> Platf3 C- Intelligent Asset Platform <input checked="" type="checkbox"/> Platf4- Info Security and Compliance Platform <input checked="" type="checkbox"/> Platf5- Workplace Platform  <input type="checkbox"/> Journ1- Digital Customer Journey <input checked="" type="checkbox"/> Journ2- Digital Ops & Corporate Enablement Journey <input checked="" type="checkbox"/> Journ3- Digital Employee Journey <input type="checkbox"/> Journ4- Prepare the Future & Connected Research Journey  <input type="checkbox"/> DTmng3- DT Enablement & Transformation
<b>Involved Domain Journey/ Platform</b>	<input checked="" type="checkbox"/> Platf1- Data & Analytics & AI Platform <input checked="" type="checkbox"/> Platf2 A- Develop, Test & Deploy Platform <input checked="" type="checkbox"/> Platf2 B- Multi experience Platform <input type="checkbox"/> Platf2 C- Ent. Business Systems Platform <input type="checkbox"/> Platf3 A- Ecosystem Platform <input checked="" type="checkbox"/> Platf3 B- Hybrid & Cloud Platform <input checked="" type="checkbox"/> Platf3 C- Intelligent Asset Platform <input checked="" type="checkbox"/> Platf4- Info Security and Compliance Platform <input checked="" type="checkbox"/> Platf5- Workplace Platform  <input type="checkbox"/> Journ1- Digital Customer Journey <input checked="" type="checkbox"/> Journ2- Digital Ops & Corporate Enablement Journey <input checked="" type="checkbox"/> Journ3- Digital Employee Journey <input type="checkbox"/> Journ4- Prepare the Future & Connected Research Journey  <input type="checkbox"/> DTmng3- DT Enablement & Transformation
<b>Initiative Ownership</b>	
<b>Digital Technology Partner</b>	<a href="#">Augusto Di Donfrancesco</a>
<b>Product Manager / Service Delivery</b>	<a href="#">Goujard, Filipa</a>
<b>Roadmap &amp; Key objectives</b>	

<b>Roadmap</b>	<p>Access the defined priorities</p>  <p>The roadmap will follow Star Factory's roadmap.</p>
<b>2023 Digital Technology Key objective</b>	Protect & Enhance the Business - deliver digital roadmap
<b>Priority</b>	P1

## Phase 1: Envision - High level initiatives

 **Do**

- Create Envision brief if the initiative is part of the validated roadmap
- Highlight roadmap value
- Request a budget for Strategize if you need one
- [Security scoring](#)
- [RADAR/SENTRI](#)

 **Don't**

- Request platform resources if the business capability is already identified and clear
- Write portfolio epics, epics and user stories
- Identify squad resources

## First, let's start with the Problem space

### 1.1. Reason

\* **Why is this initiative proposed today?**

The MVP was a success, not only in its value creation for Business but also for the possibilities it opens to accelerate data intensive projects and applications deployments. Star Tek is one of the enablers for Star Factory.

### 1.2. Benefits

What are the new capabilities expected?

What will it replace? Is it a new solution or an existing one?

### 1.3. Target users

Who are the future users?

All group sites

What is the number of users impacted?

## What about the Business Needs?

### 1.4. Value proposition

What is the value of the initiative?

### 1.5. Business goals

How does the product / deliverable align with the business goals?

### 1.6. Challenges

Are there any challenges in developing the product?

### 1.7. Business metrics

How will we measure success?

### 1.8. Cybersecurity

Please duplicate [this template](#) in [this folder](#). Then, for the envision phase, answer to the 7 high-level questions in the "Security Scoring" sheet. These questions will help the SIP team to determine the level of cybersecurity & compliance support you will need. Please contact the team by email: [@SIP\\_team@solvay.com](mailto:@SIP_team@solvay.com)

### 1.9. Up to investment

What is the coherent time to commit on the initiative?\*

Estimated Delivery phase start date*	Estimated Delivered end Quarter*
02 Jan 2023	Q4 2023

What is the coherent money to commit on the initiative?\*

	2023 (in K€)*	2024 (in K€)*	2025 (in K€)
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Estimated size of investment (high level)	5.5	3	
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What is the coherent run and build commit on the initiative?

Estimated run costs (estimation high level) - on 10Y (if already known)	Type of savings expected /year for DT (Ex: Contracts, FTE, ...)
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## 1.10. Resources

What skills and talents do we need?

CLERC, Romain Bruyere, Florent David GENET Fadi BECHARA Thierno Gueye Natalie Wittick @sebastien ladouce @michele Albiccochi @michael Boucherat

## 1.11. Methodology to apply (refer for Accolade)

Do you think if your initiative is compatible with a waterfall approach with an agile approach?

- Agile model
- Waterfall model
- I do not know at this stage

If the initiative will be done in Agile methodology, please contact during the strategize phase [Nicolas LOVAGNINI](#)

## Phase 2: Strategize

### Do

- Identify portfolio epics and epics within each portfolio epics
- Create a document / slide / spreadsheet to build your epics and put a link in the brief
- Estimate experts and budget by portfolio epics or by increment
- Show SMART KPI (Specific, Measureable, Achievable, Relevant, and Time-Bound)
- Evaluate the impact on Solvay One Planet objectives

### Don't

- Identify squad resources (naming)
- Write user stories

Now, we can move on to the Solution space

## 2.0 Scope / Deliverables

What is the scope (technical, functional & organizational) / deliverables foreseen?

- Deployment of the Star Tek infrastructure ("1 tag connexion") to all Star Factory sites
- Deployment of existing use cases
- Addition of new data sources to Star Tek (SAP, ELN,...)
- Development of new use cases according to site needs and star factory prioritization
- Study of the possibility to have an ITAR compliant Star Tek  
[Brief Presentation](#)

## 2.1. Actions to complete

Mandatory actions * (please contact them together if possible)		
Description of the action / task	Contact	Document & examples (please make your own copy and insert new link here)
Contact each relevant pool lead to book resources in the capacity planning tool  <input checked="" type="checkbox"/> check once done to inform the contact ARPIN, Florine 06 Jan 2023	<a href="#">ARPIN, Florine</a>	Complete <a href="#">Capacity planning tool</a>
Complete Accolade  <input checked="" type="checkbox"/> check once done to inform the contact Claire Bazin 06 Jan 2023	<a href="#">Claire Bazin</a>	Complete <a href="#">Accolade</a>
Review with Enterprise Architect the actual solution answering the objective  <input checked="" type="checkbox"/> check once done to inform the contact Françoise BERGAME 06 Jan 2023	<a href="#">Françoise BERGAME (Structure)</a>	Complete Architecture Impact Analysis (AIA)  <a href="#">ARB &amp; AIA</a>
Check you have confirmed the involvement of each platform		Revert to SDM of each Platform
Identify security needs (Confidentiality, Integrity, Availability) and define security measures to be implemented by the initiative team  <input checked="" type="checkbox"/> check once done to inform the contact Benjamin POISSONNET 06 Jan 2023	<a href="#">Benjamin POISSONNET</a>	Complete " <a href="#">SIP Support tool</a> " No changes from the MVP. A particular study with the cybersecurity team will be conducted just to evaluate if an ITAR Star Tek could be done and what it would take. There is a cybersecurity member that is part of the Star Tek core team.

<p>Support for budget estimation (via the Workload &amp; Cost), Financial evaluation (Total Cost of Ownership over 10Y), saving validation</p> <p><input checked="" type="checkbox"/> check once done to inform the contact Jill Wilson 06 Jan 2023</p>	Jill Wilson	<p>W&amp;C: to be filled in to Accolade in preparation phase</p> <p>TCO over 10Y:</p> <p><a href="#">xxxx - Business Case/Financial evaluation 10Y</a></p>
<b>Optional</b>		
<p>If any relation needed with a supplier</p> <p><input checked="" type="checkbox"/> check once done to inform the contact <a href="#">BLANCHER, Alexis</a> 06 Jan 2023</p>	<a href="#">BLANCHER, Alexis</a>	For SeeQ, there is a contract negotiation ongoing
<p>If it concerns a key supplier, a sourcing strategy has to be defined</p> <p><input type="checkbox"/> check once done to inform the contact <a href="#">Isabelle Auboeuf</a> <b>06 Jan 2023</b></p>	<a href="#">Isabelle Auboeuf</a>	
<p>If conformity by design is required</p> <p><input type="checkbox"/> check once done to inform the contact <a href="#">Emmanuelle Bureau</a> <b>06 Jan 2023</b></p>	<a href="#">Emmanuelle Bureau</a>	GMP (pharma), ISO
<p>If Data Governance is required: identify the business objects</p> <p><input checked="" type="checkbox"/> check once done to inform the contact <a href="#">Philippa de Glanville</a> 06 Jan 2023</p>	<a href="#">Philippa de Glanville</a>	<p><a href="#">Data Governance Strategise for Initiative Briefs</a></p> <p>There is a team member from the Data Governance team that is part of the Star Tek team</p>

## 2.2. Users needs

### What do users dislike about the current solution?

*Applicable when a new solution is developed*

Currently there was no communication between the different systems (labware, DCS, SAP, etc) making it very difficult to have all the information in one place, in a reliable way, to make data-driven decisions

### What tools or features do your users wish to have?

### What value will it add to the user's lives?

**What alternative do we have?**

There is no current alternative

### **2.3. Risk Analysis**

**What are the risks (refer to Risk analysis matrix in Accolade)?**

### **2.3. Solvay One Planet Objectives**

**What is the qualitative assessment of Hardware/ Data processing/ Project's contribution to Solvay One Planet?**

- Is the business ambition you will support improving or not sustainability?
- Will you increase or decrease the number of hardware we need to operate? How much?
- Will you generate or transfer an important amount of data, especially videos? How much?