

Research Report

Use Cases of AI in Safety

Safety at Client Sites



SprintlyWorks[®]

Table of Contents

1

About SprintlyWorks

2

Our Perspectives

Setting the Stage

Challenges & Solutions

AI Case Study

3

Our Expertise & Offerings

About SprintlyWorks

About



SPRINTS-AS-A-SERVICE

Answer Big Questions &
Deliver Sustainable Impacts

Visit Our Website



- Established in 2018
- Headquartered in Helsinki
- Headcount: 15
- 100+ projects delivered

We advise top management across industries...

Industrials	Metals & Mining	Chemicals
Healthcare	Oil & Gas	Automotive
Consumer Goods	Pulp & Paper	Utilities

...on most pressing & complex problems in:

Manufacturing	Corporate Finance & Strategy
Supply Chain	People & Organisation
AI & Technology	Business Development
Operations	Sustainability

Recognition & Awards



Featured on World Economic Forum for being a trailblazer in Future of Work



One of The Top 8% Achievers in 2024 ranked by Kauppalehti – Finland's largest economic publication

★ Customers appreciate our impact



“ The work of the team was important in increasing the level of awareness and urgency on the selected subject internally.

Director, ABB



“ I have to say that from quality perspective team exceeded all targets. Fast, intense – “Sprint Manner” way of working showed well its power.

Senior Vice President, Kemira

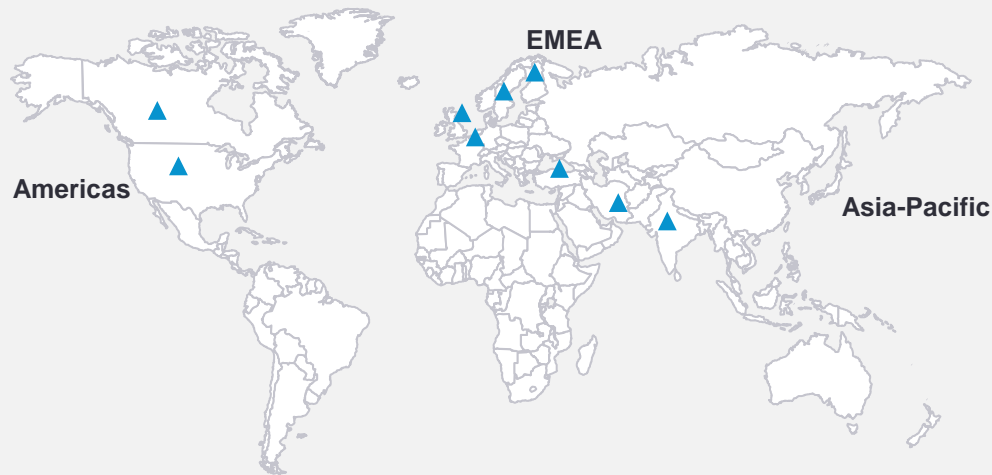


“ I have completed 23 years in the industry and I'm not that easily impressed but I must say astonished by the result you have here.

Director Strategic Innovation, Toyota - Material Handling

We have 50+ country research experience, with sector knowledge in Chemical, Industrial Equipment, Paper & Pulp to name a few






- Deep geographic coverage, we have conducted market interviews in 50+ countries namely.
 - **Americas** – US, Canada
 - **Asia** – India, UAE
 - **EMEA** – Finland, Sweden, UK, Germany
- This help customers in building comprehensive knowledge of their business worldwide with strategic decision-making.



Our Notable Customers:



Delivery team to lead, supervise, and drive the project

Partner		Director		Senior Consultant		Consultant		Knowledge Analysts	
									
Rahul Abhisek		Tuomas Marttila		Quy Pham		Jongsuk Hyun		Lam Nguyen	
<ul style="list-style-type: none">▪ Background: MSc Business and Design from Aalto University, Finland▪ Notable references: Bill & Melinda Gates Foundation, Komerica, ABB, GE, Stora Enso, UPM		<ul style="list-style-type: none">▪ Background: MBA from IMD▪ Previous experience: Bain & Company and private equity across multiple industries, with a focus on industrial goods and services and energy.		<ul style="list-style-type: none">▪ Background: MSc. in Finance & CEMS from Aalto University▪ Previous experience: Lead and delivered 30+ projects across multiple industries, like Energy, Pulp & Paper, Consumer Goods		<ul style="list-style-type: none">▪ Background: MSc. in Management from London Business School▪ Previous experience: Lead & delivered 10+ projects across a variety of sectors, like Chemical, Industrial Equipment and Food & Beverage		<ul style="list-style-type: none">▪ Background: BA, Economics at Foreign Trade University of Vietnam▪ Previous experience: Designed market strategies & opportunity diagnosis in APAC region for 10+ European clients	



BILL & MELINDA
GATES foundation

BAIN & COMPANY



E.ON Inhouse Consulting



BAIN & COMPANY



Rockstar associates!

Global Talent Pool

... From Top-tier Universities



... Across 10 European Countries



... In Different Specialisations

Finance	Supply Chain
Strategy	Data Analytics
Sustainability	Industrial Engineering
Marketing	Business Law

Available associates for 2025

Talent's University



Ni
MSc in Finance
Aalto University



Meriem
MSc in Marketing
Stockholm School of Economics



Dario
MSc in Business
Bocconi School of Management



Simon
MSc in Finance and Economics
London School of Economics



Haytham
MSc in Strategic Management
HEC Paris

Experiences



McKinsey
& Company

Husqvarna

LEK

BCG

2000+
Talents...

Our Perspectives

Setting the Stage

Situation

- The safety risks are heightened for engineers working on client sites due to companies' limited control over client equipment and safety policies
- Variability in safety policies and equipment standards across different client sites creates greater challenges for companies in ensuring engineer safety
- SprintlyWorks has conducted comprehensive research to evaluate how AI-driven solutions can support companies in enhancing safety for engineers working on client sites

Objectives

- Assess the current state of safety in client-side work environments and identify key challenges
- Evaluate the potential of AI-driven safety solutions to improve risk detection and mitigation
- Examine real-world AI applications to demonstrate their impacts on driving measurable safety outcomes

SprintlyWorks aimed to answer the following questions in the research report:

1

What are the critical safety challenges engineers encounter on client sites?

2

How can AI solutions advance risk detection and mitigate on-site safety risks?

3

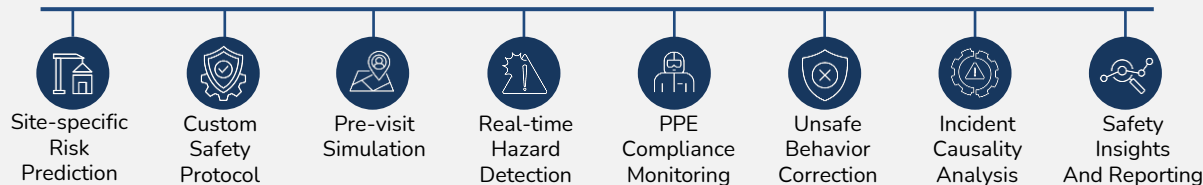
Which real-world AI applications have effectively improved safety outcomes?

Executive Summary



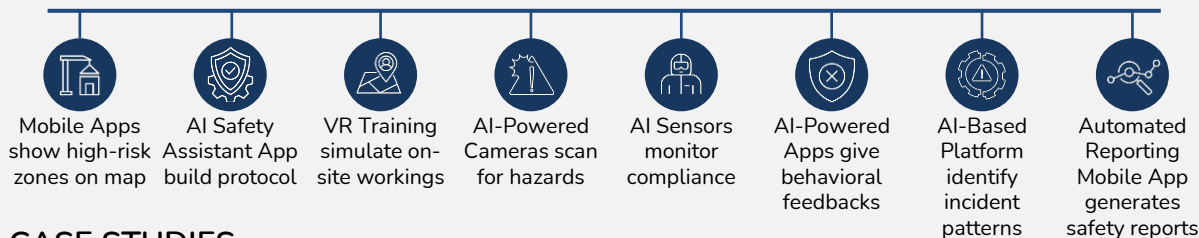
AI MODEL SOLUTIONS

Eight key themes under AI solutions



AI-POWERED PRODUCTS

High-impact AI-powered products



CASE STUDIES



- Mind Foundry's AI platform helped BAM Nuttall identify key drivers of site injuries
- 17 injuries types defined



Undisclosed

- Protex AI enabled a European port operator to gain visibility into safety risks
- 73% drop in incidents



- Kiewit piloted an AI-powered safety monitoring system
- 25% drop in incidents

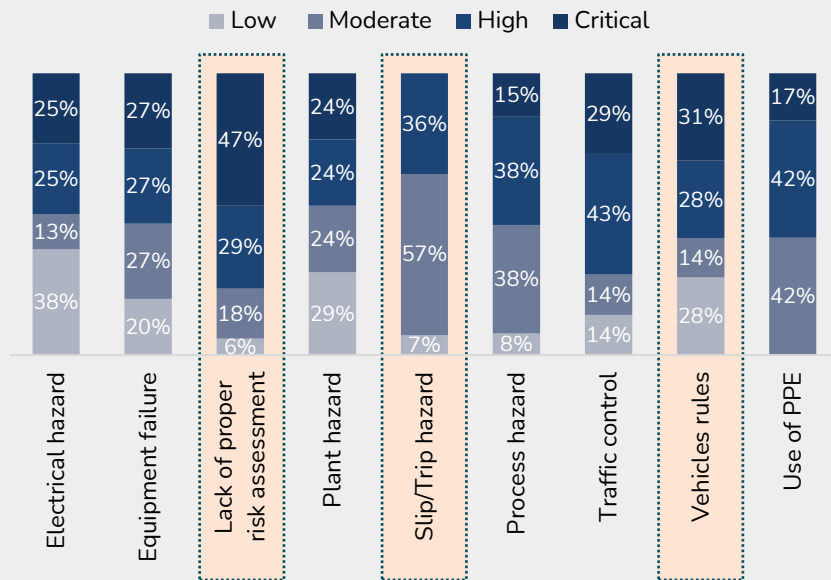
SUFFOLK

- Suffolk uses AI for construction safety
- 26% increase in task duration accuracy

Engineers face heightened safety risks while working on client sites due to firms' **limited control over equipment** and **safety policies**

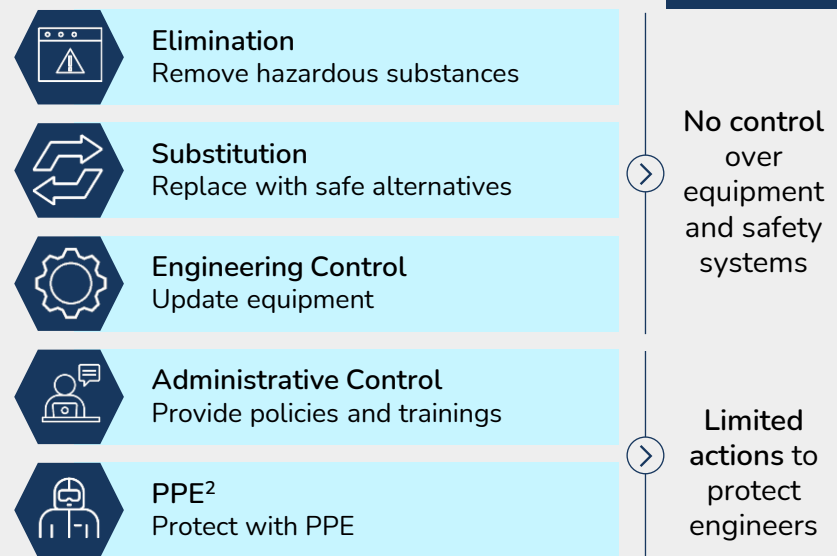
Significant safety risks because of lack of risk assessment, slip hazard and vehicles rules...

Near-miss Classification by Risk Rank¹



...however, the companies have little to no control on client site's equipment & policies

Hierarchy of controls



Our Perspectives

Challenges & Solutions

Illustrations of high-impact AI core models to be adopted

01 Vision AI¹

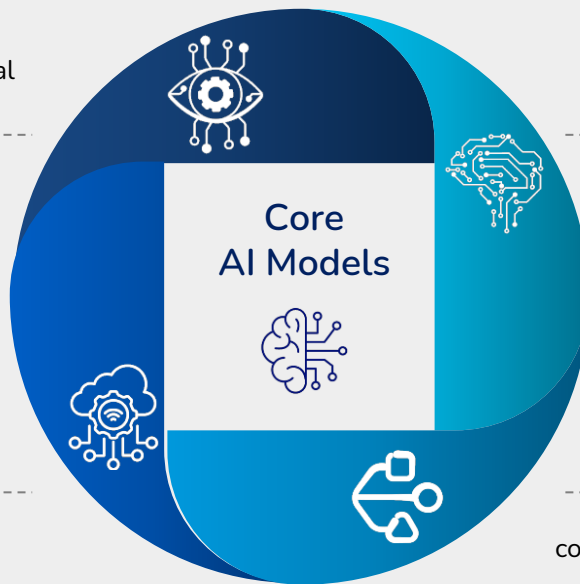
Uses computer vision to interpret visual data from cameras for object, etc.

Use-cases: Detects PPE violations & unsafe behavior via helmet cams, mobile apps, on-site cameras, etc.

02 Behavioral AI²

Uses pose estimation, motion tracking, etc. to analyze human actions

Use-cases: Provides real-time corrective feedback via haptics, voice prompts, alerts, etc.



Edge AI³ 03

Process data locally on devices (e.g., cameras) without cloud dependency

Use-cases: Processes sensor inputs (e.g., gas, fire) locally & alerts in low internet connectivity zones, etc.

NLG⁴ 04

Converts unstructured data into readable and contextual reports

Use-cases: Generates automatically the consistent safety reports & risk summaries across varying client sites, etc.

Targeted outcomes designed to address safety challenges across the full engineer's site visit cycle - before, during, and after

Before Visit

During Visit

After Visit



SITE-SPECIFIC RISK PREDICTION¹

- Assess historical incidents, risks, etc.
- Identify risky zones and task-related hazards
- Support in designing safety plan



CUSTOM SAFETY PROTOCOL²

- Match engineers' skills, experiences, etc. with site requirements
- Develop tailored safety protocols to client site



PRE-VISIT SIMULATION³

- Design immersive training tailored to each client site
- Enable engineers to virtually experience site layout, hazards, etc.



REAL-TIME HAZARD DETECTION⁴

- Detect unexpected hazards like spills, etc.
- Operates independently in unfamiliar client site
- Provides alerts without human supervision



PPE COMPLIANCE MONITORING⁵

- Alert if non-compliance is detected in real-time
- Detect PPE fatigues, abnormal conditions
- Enable live support



UNSAFE BEHAVIOR CORRECTION⁶

- Observe engineers' movements to prevent unsafe actions
- Generate contextual safety reminders



INCIDENT CAUSALITY ANALYSIS⁷

- Analyze near-miss and incident data to uncover patterns and causes
- Detect trends across different site visits



SAFETY INSIGHTS AND REPORTING⁸

- Automate safety documentation, training materials, risk models
- Enable targeted risk prevention strategy

AI model solutions adopted to aligned with targeted safety outcomes

Deep-dived Case Studies in Next Slides

Before Visit

During Visit

After Visit



SITE-SPECIFIC RISK PREDICTION¹

- Predictive Analytics uses ML² to predict high-risk zones
- Geospatial AI uses GIS³ & spatial data to analyze site layout



CUSTOM SAFETY PROTOCOL⁴

- Personalized AI Safety Assistant customizes protocols based on engineer profiles, site-specific risks, etc.



PRE-VISIT SIMULATION⁵

- VR⁶ creates a virtual replica of the site
- AR⁷ for Safety overlays real-time data on the engineer's view of the site using AR glasses



REAL-TIME HAZARD DETECTION⁸

- Vision AI analyzes live video to identify danger
- Edge AI process data locally to detect fire
- AI Sensors provide alerts of gas leaks, etc.



PPE COMPLIANCE MONITORING⁹

- AI-based Detection for incorrect PPE⁹
- AI Sensors monitors engineers' compliance
- Automated Compliance tracks PPE usage



UNSAFE BEHAVIOR CORRECTION¹⁰

- Behavioral AI Monitoring detects unsafe actions
- Contextual Feedback AI provides real-time safety reminders



INCIDENT CAUSALITY ANALYSIS¹¹

- Root Cause AI Model analyzes near-miss, etc. to uncover patterns
- Predictive Analytics forecast future risks



SAFETY INSIGHTS AND REPORTING¹²

- Automated Reporting AI generates safety reports automatically
- Real-Time Safety Dashboard AI provides up-to-the-minute data

AI-powered products for engineers to carry on site visits and enable companies to track engineers' actions for safety risk management

Before Visit

During Visit

After Visit



SITE-SPECIFIC RISK PREDICTION¹

- Mobile Apps show high-risk zones on map, provide alerts, etc.
- AI-Based Safety Dashboard provide on-site potential hazards



CUSTOM SAFETY PROTOCOL²

- AI-Powered Safety Assistant App build the safety protocols via notifications pushes, instructional videos, safety reminders, etc.



PRE-VISIT SIMULATION³

- AR³ Glasses show overlays of hazards that engineers can virtually walk through the site
- VR³ Training simulate on-site workings



REAL-TIME HAZARD DETECTION⁴

- AI-Powered Cameras scan for hazards
- Portable Devices using Edge AI identify hazards without needing internet



PPE COMPLIANCE MONITORING⁵

- AI-Powered Sensors embedded in PPE to monitor compliance and provide alerts to supervisors & engineers



UNSAFE BEHAVIOR CORRECTION⁶

- Wearable Devices with Motion Sensor track movements & sends a corrective alert
- AI-Powered Apps give behavioral feedbacks



INCIDENT CAUSALITY ANALYSIS⁷

- AI-Based Platform allows engineers to submit feedbacks then identify patterns from historical incidents, near-misses, etc.











SAFETY INSIGHTS AND REPORTING⁸

- Automated Reporting Mobile App generates insightful safety reports
- Predictive Analytics Dashboard presents safety forecast

Our Perspectives

AI Case Study | Site-Specific Risk Prediction

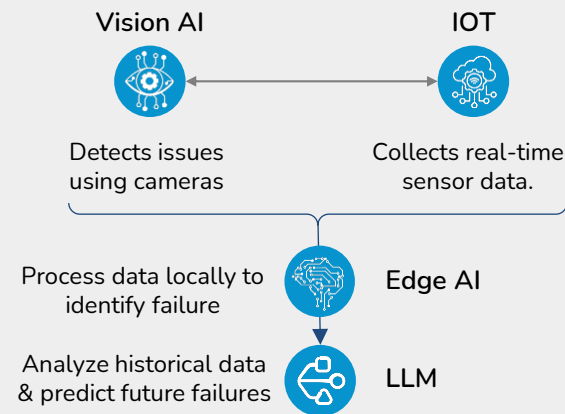
AI Use Cases for Site Specific Risk Prediction

Issues	Complications	AI Solutions
 Lack Of Site-Specific Risk Assessment	Safety protocols are generally “one-size-fits-all,” failing to account for site specific factors like environment, workforce etc.	Ai-driven Predictive And Semantic Analytics 
 Incomplete Hazard Detection	Manual inspections and incident reporting are periodic and subjective, often missing rapidly changing or hidden hazards	Real-time Iot/Computer Vision Hazard Monitoring 
 Reactive Vs Proactive Safety Management	Conventional systems focus on investigating incidents after they occur, missing patterns & failing to prevent future accidents	Predictive Analytics For Proactive Risk Intervention 
 Fragmented Data And Poor Integration	Data is siloed across different departments, collected in inconsistent formats & not integrated for holistic assessment.	AI Platforms For Unified, Multi-source Risk Assessment 

Source: [PWC](#), [MDPI](#), [Capitol](#), [Risk & Insurance](#),

Predictive Analytics

How it works



Value delivered



BAM NUTTALL

BAM Nuttall is a leading UK-based construction and civil engineering company specializing in infrastructure projects

Executive Summary

Mind Foundry's AI platform helped BAM Nuttall identify key drivers of site injuries, enabling proactive risk mitigation and targeted inspections to significantly enhance workforce safety and decision-making

Challenge



Unpredictable Site-Specific Risks

Limited Insights

Incident data lacked site-specific patterns and actionable takeaways

Site-specific Risks

Risks tied to project conditions weren't predicted, leading to reactive actions

Hidden Patterns

Key influences like experience & environment were hard to identify across projects

Reactive Safety Measures

Teams addressed incidents after they occurred, not before

BAM NUTTALL

BAM Nuttall is a leading UK-based construction and civil engineering company specializing in infrastructure projects

Executive Summary

Mind Foundry's AI platform helped BAM Nuttall identify key drivers of site injuries, enabling proactive risk mitigation and targeted inspections to significantly enhance workforce safety and decision-making



Combined incident and site data (location, weather, workforce) for deeper context

Built models to forecast site-specific safety risks in advance

Flagged high-risk sites and individuals early to prevent incidents



AI identified key causes of injuries tied to specific site conditions

No-code platform let safety teams explore and act on insights quickly

- Increased proactivity in mitigating site specific risks
- Enhanced safety decision-making
- Improved safety culture
- Reduced injury rates

which resulted in...

BAM NUTTALL

BAM Nuttall is a leading UK-based construction and civil engineering company specializing in infrastructure projects

Executive Summary

Mind Foundry's AI platform helped BAM Nuttall identify key drivers of site injuries, enabling proactive risk mitigation and targeted inspections to significantly enhance workforce safety and decision-making

Impact

17

Types of injuries
were analyzed

6-12

Months employees
were 3x more likely
to get fractures



Targeted safety
resources to sites
with the highest
predicted risks.











Enhanced
monitoring led to a
reduction in reactive
safety interventions.

Our Perspectives

AI Case Study | Real-Time Hazard Detection

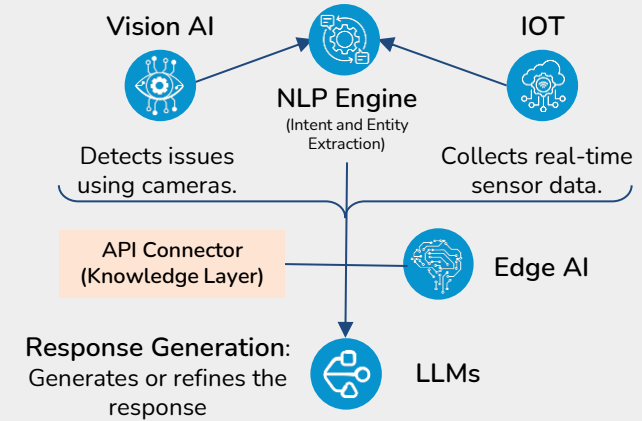
AI Use Cases for Real-Time Hazard Detection

Issues	Complications	AI Solutions
 Delayed Responses To Hazards	Humans can't monitor continuously; fatigue leads to delayed hazard detection & response, increasing risk	Proactive Intervention 
 Difficulty In Ensuring Safety (PPE Comp.)	PPE and safety violations often go unnoticed without constant human supervision, allowing risks to slip through	AI-Powered Video Analytics 
 Risk Detection And Visibility	Lack of real-time monitoring hides developing risks, especially in large or complex sites	AI-Powered Safety Monitoring 
 Difficulty In Correlating Safety Parameters	Fragmented safety data makes it hard to spot trends or make fast, informed decisions	Multimodal AI Integration 

Source: [Falcony](#), [Vector Solutions](#), [HashStudioz](#), [TECHEHS](#)

AI Safety Monitoring

How it works



Value delivered

- 1 Faster and hands-free hazard reporting
- 2 Accurate, context-aware responses
- 3 Seamless integration with site systems

Shipping Co.¹

A leading European logistics and shipping company managing high-risk port operations across multiple terminals

Executive Summary

Protex AI enabled a European port operator to gain real-time visibility into safety risks using AI-powered video analytics, leading to a 73% drop in safety incidents and enhanced operational efficiency

Challenge



Limited Risk Detection & Visibility



Limited Awareness

Despite strong protocols, the company lacked live insights across vast terminals



Blind Spots In Risk Zones

Heavy equipment like RTG cranes and entry lanes posed consistent hazards



Hidden Near-miss Events

Most incidents went unnoticed or unreported, limiting the ability to learn from near misses



Skepticism Towards Tech

Gaining trust and adoption of AI tools among staff was critical

Shipping Co.¹

A leading European logistics and shipping company managing high-risk port operations across multiple terminals

Executive Summary

Protex AI enabled a European port operator to gain real-time visibility into safety risks using AI-powered video analytics, leading to a 73% drop in safety incidents and enhanced operational efficiency

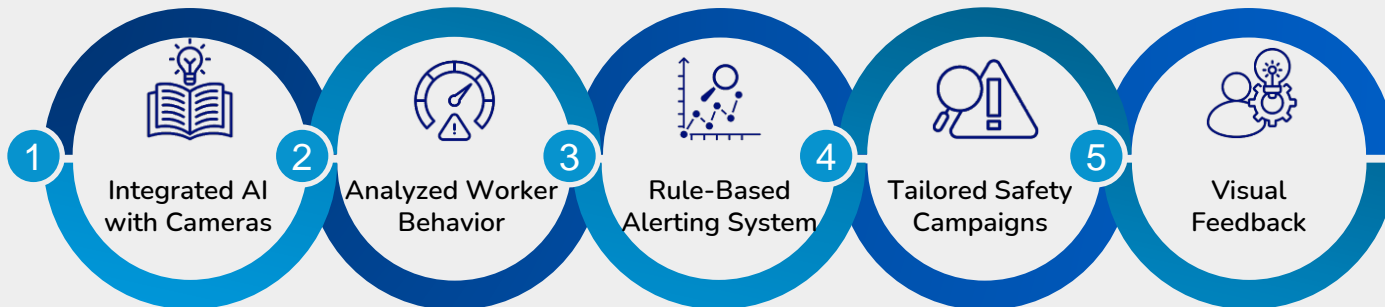
Solution



Connected to the port's CCTV system to analyze real-time activity

Custom rules flagged unsafe proximity and unapproved access instantly

Clips of unsafe acts were used in meetings to promote safer habits



AI tracked behavior in high-risk zones, spotting patterns like pedestrians in crane lanes

Insights powered campaigns focused on key risks like crane zones and entry points

- Cultivated a proactive safety culture
- Increased trust in technology
- Shifted safety discussions from reactive to preventive
- Empowered safety teams to act quickly

which resulted in...

Shipping Co.¹

A leading European logistics and shipping company managing high-risk port operations across multiple terminals

Executive Summary

Protex AI enabled a European port operator to gain real-time visibility into safety risks using AI-powered video analytics, leading to a 73% drop in safety incidents and enhanced operational efficiency

Impact

73%

Reduction in total safety incidents

415%

Increase in near-miss visibility

24/7

Risk visibility, replacing manual site walks











Accelerated response time and enhanced decision-making in daily safety operations

Our Perspectives

AI Case Study | Unsafe Behavior Correction

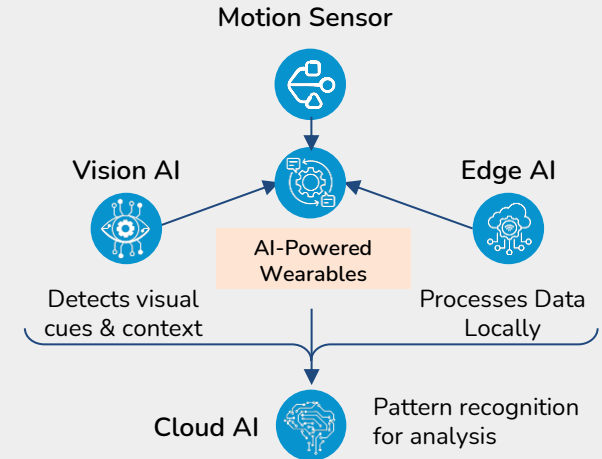
AI Use Cases for Unsafe Behavior Correction

Issues	Complications	AI Solutions
 Lack Of Immediate Correction	Delayed reactions to unsafe behaviors and lack of real-time feedback	AI-Powered Wearables 
 Inconsistent Supervision	Limited on-site presence of supervisors, leading to unsafe behavior being unnoticed	AI-Powered Vision Systems 
 Lack Of Behavior Awareness	Engineers are unaware of the consequences of unsafe behavior and lack ongoing education	AI-Powered Safety Training 
 Monitoring Complexity	Difficulty tracking numerous engineers' behaviors across large working sites	AI-Driven Behavioral Monitoring 

Source: [Safetyology.io](#); [Visionify viAct](#); [Tech Adeptly](#); [Wevolver](#)

AI-Powered Wearables

How it works



Value delivered



Kiewit

Kiewit Corporation is North America-based large and respected construction and engineering companies operates in various sectors including transportation, oil, power, mining, etc.

Executive Summary

Kiewit Corporation piloted an AI-powered safety monitoring system called T-Pulse, developed by Detect Technologies, automatically issue alerts & recommend corrective actions to supervisors

Challenge



Blind Spots in Traditional Mgmt.¹

Delayed Detection

Current safety monitoring relied heavily on manual observations

Limited Visibility in Worksites

Fabrication yard spans a vast area, making manual monitors impractical

Inconsistent Enforcement

Variability in supervising methods results in inconsistent enforcement

Lack of Predictive Insights

Absence of structured data hinder patterns identification

Kiewit

Kiewit Corporation is North America-based large and respected construction and engineering companies operates in various sectors including transportation, oil, power, mining, etc.

Executive Summary

Kiewit Corporation piloted an AI-powered safety monitoring system called T-Pulse, developed by Detect Technologies, automatically issue alerts & recommend corrective actions to supervisors

Solution



AI-powered cameras with computer vision monitor work environments

AI identifies violations & sends corrective actions to supervisors

AI-powered dashboards provide real-time hazard data



Edge AI processes data locally across large zones, detecting violations even in remote areas

Machine Learning identify patterns to prevent incidents

- Fewer accidents and injuries
- Faster hazard detection
- Better worker compliance
- More efficient operations
- Cost savings
- Stronger safety culture

which resulted in...

Kiewit

Kiewit Corporation is North America-based large and respected construction and engineering companies operates in various sectors including transportation, oil, power, mining, etc.

Executive Summary

Kiewit Corporation piloted an AI-powered safety monitoring system called T-Pulse, developed by Detect Technologies, automatically issue alerts & recommend corrective actions to supervisors

Impact

25%

Reduction in
safety incidents

50%

Faster hazard
detection









30%

Reduction in time
spent on manual
compliance checks

Our Perspectives

AI Case Study | Incident Causality Analysis

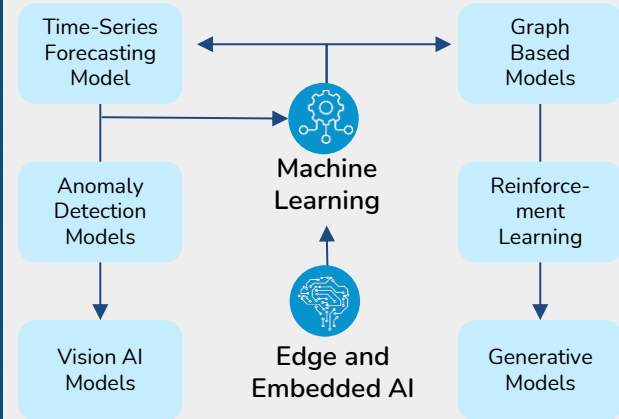
AI Use Cases for Incident Causality Analysis

Issues	Complications	AI Solutions
 Incomplete Data Collection	Manual reporting often misses critical details, leading to gaps in understanding incident root causes	AI-Powered Safety Monitoring Platforms 
 Bias in Root Cause Identification	Overreliance on human judgment may focus on immediate causes (e.g., worker error) instead of systemic issues	AI-Powered Risk and Forecasting Modelling 
 Slow Investigation Processes	Traditional methods like the 5 whys or fishbone diagrams are time-intensive, delaying corrective actions	AI-Driven EHS platform 
 Lack of Predictive Insights	Reactive approaches fail to prevent incidents before they occur	AI-Powered Predictive Analytics 

Source: [OHS](#), [SafetyCulture](#), [OSHA](#), [OSHA](#), [viAct](#)

Risk and Forecasting Model

How it works



Value delivered



SUFFOLK

Suffolk is a leading U.S.-based construction firm, known for leveraging advanced technology to streamline complex builds

Executive Summary

Suffolk partnered with AI firm nPlan to manage construction risk and improve forecasting accuracy for the Boston hospital extension, successfully avoiding delays and enhancing project delivery outcomes

Challenge



High-Risk Project Complexity

High Stake

Project involved critical spaces where even small errors can impact worker safety

Rushed Tasks

Delays force teams to rush tasks, leading to unsafe shortcuts & higher accident risks

Traditional Tools

Traditional tools miss risks that emerge when activities shift into unsafe timeframes

Unsafe Workflows

Delays cause crowding, and trade conflicts—all of which raise safety hazards

SUFFOLK

Suffolk is a leading U.S.-based construction firm, known for leveraging advanced technology to streamline complex builds

Executive Summary

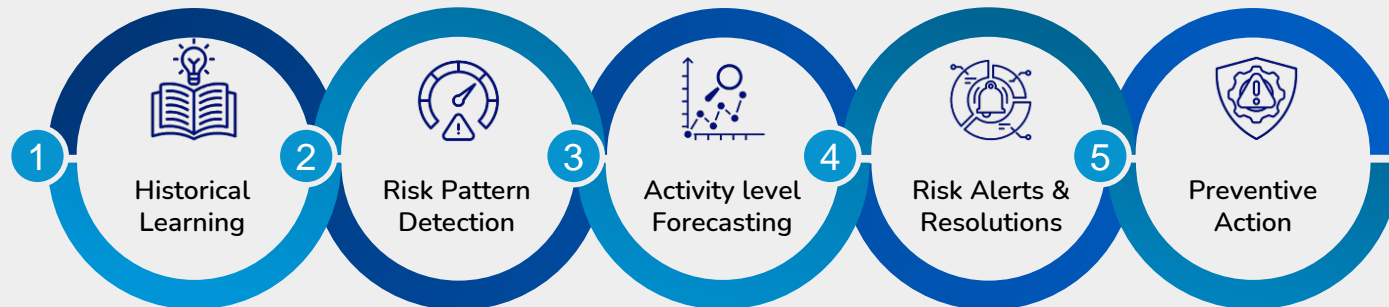
Suffolk partnered with AI firm nPlan to manage construction risk and improve forecasting accuracy for the Boston hospital extension, successfully avoiding delays and enhancing project delivery outcomes

Solution nPlan

Suffolk shared 11,000+ project schedules with nPlan's AI

The hospital schedule was processed to identify safety-critical risks

Adjusted plans, de-risked activities & aligned teams to avoid unsafe rework



AI learned how unsafe conditions often stem from specific delays

AI flagged risky phases like 'testing & balancing', suggesting mitigations

- Exposed unseen safety hazards
- Enabled safer workflows
- Reduced rework-driven safety incidents
- Strengthened safety-first culture

which resulted in...

SUFFOLK

Suffolk is a leading U.S.-based construction firm, known for leveraging advanced technology to streamline complex builds

Executive Summary

Suffolk partnered with AI firm nPlan to manage construction risk and improve forecasting accuracy for the Boston hospital extension, successfully avoiding delays and enhancing project delivery outcomes

Impact

100%

Criticality risks like testing delays were mitigated early

\$1.25m

Avoided in re-work, reducing stress and hazard exposure

26%

Increase in task duration accuracy by safer scheduling

20 days

Of unsafe workdays were avoided

Our Expertise & Offerings

Methodology & Previous Case Experiences

How SprintlyWorks Can Help

Methodologies

1. Understand

- Identify use-cases of AI to automate workflow
- Gather business requirements and evaluation criteria

2. Scout

- Conduct a market scan to compile a long list of suitable AI solutions
- Conduct a high-level analysis of the product capability & usability

3. Evaluate

- Perform detailed analysis of all identified solutions
- Compute scoring matrix based on business requirements

4. Shortlist

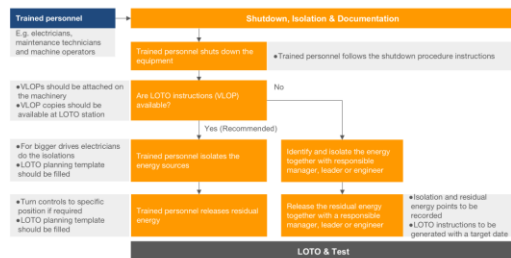
- Conduct workshop to shortlist most potential solutions
- Support in writing RFIs document
- Design pilot program

5. Implement

- Design detailed implementation and change management plan
- Provide PMO support to monitor implementation and address bottlenecks

Tools & Enablers

1.2. Recommended LOTO workflow – Shutdown and Isolation



Workflow Mapping

4.3 Priority ranking of CLIENT's requirements & scoring of software performance

Attribute value points (pts) 3 Highest – 0 Lowest

A	Supplier solicitation	Email – 3pts	Web portal – 3pts	Paper document – 1pt
B	Issuing declarations	Notifies of changes in originating country – 3pts		Revokes the declaration if needed – 2pts
C	Preferential calculation	Audit trails – 3 pts	Retrieves freight costs – 3pts	Monitors price changes – 3pts
D	Analytics	General analytics capabilities – 3pts		Predictive analytics – 1pt
E	Integration	SAP-S/4Hana – 3pts		Invois – 1pt
F	Geographic coverage	Europe – 3pts	North America – 3pts	Other (APAC) – 1pt
G	User support	Available 24/5 – 3pts		

Performance evaluation metrics

Low - 3pts Medium - 1pt High - 2pts Very High - 3pts

Scoring Matrix

We helped Tissue Co. reduce safety risk at its plants by creating a risk assessment tool and implemented LOTO

ABOUT OUR CLIENT

- Tissue Co. experienced fatal accidents and high worker safety incidents, with a high Lost Time Accident Frequency (LTAF) score
- The existing risk assessment process was inadequate in preventing these incidents

OUR CLIENT NEEDS



DEVELOP RISK ASSESSMENT TEMPLATE TO IMPROVE SAFETY

- TissueCo. aimed to enhance worker safety by developing a user-friendly risk assessment template for paper machine hazards
- They aim to implement lockout and Tagout (LOTO) in its factories



BENCHMARK INDUSTRY BEST PRACTICES FOR LTAF

- Hygiene Co. wanted to understand how companies with low LTAF implemented risk assessment tools and Lock-out-tag-out
- Best practices and learnings from assessment tools and LOTO implementation
- Identify new digital solutions for LOTO

OUR APPROACH

Benchmark occupational health & safety standards

Create risk assessment process for Tissue Co.

Pilot risk assessment template

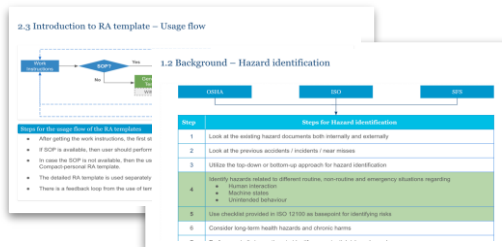
The team **benchmarked three different widely used occupational health & safety standards and extracted the relevant safety features from them.** These standards provided the 3 steps of risk assessment.

To determine the best practices in risk assessment, **the team compared the current standards of Tissue Co., against other companies with lower LTAF.** This analysis helped optimize risk categories for template.

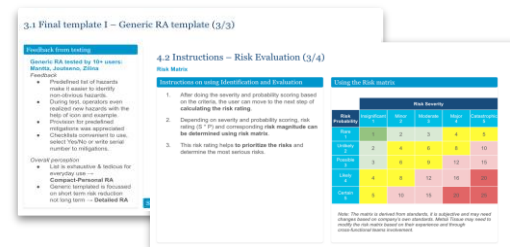
The team conducted interviews and in-depth analysis. **Provided key features and components of the risk assessment template.** Risk assessment template was user-tested in two manufacturing locations.

OUR DELIVERED VALUE

1 Identified **root causes for LTAF**



2 Piloted risk assessment tool at **2 manufacturing locations**



We helped Chemical Co. digitalize the logistics tendering process by identifying digital solution and reduce manual process

ABOUT OUR CLIENT

- ChemicalCo. imports goods from multiple geographies & tenders it to transportation providers
- It rolls out tenders for logistics and performs data analysis on the received bids
- Entire exercise is currently done manually

OUR CLIENT NEEDS



UNDERSTAND TYPES OF TOOLS AVAILABLE IN THE MARKET

- Chemical Co. sought a digital solution to streamline logistics service tendering process and perform advanced analytics
- It wanted the tool to be able to handle all its requirements and integrate with IT systems



ASSESS TOOL'S CAPABILITIES TO SIMPLIFY THE PROCESS

- ChemicalCo. wanted to assess the complexity, implementation timeline, and costs associated with tool
- Additionally, it sought to understand features in the tool meant for logistics tendering and number of users that can utilize the tool globally

OUR APPROACH

Define solution requirements from Chemical Co.

Conduct digital solution scout based on needs

List final tools & guide for implementation

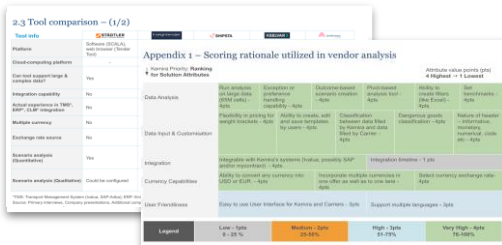
Created comprehensive **list of must-have and nice-to-have** for the solution by conducting stakeholder interviews. Analyzed current Excel data to understand the data structure that the tool will be processing.

Scouted 40 available digital solutions in the selected market. The team conducted in-depth demos with 20 vendors to understand tool features. Shortlisted suitable fits on the basis of client requirements.

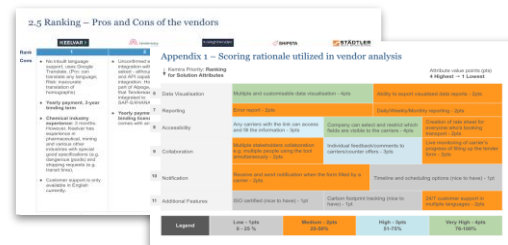
We finalized **5 potentially fit tools on the basis of systematic evaluation** & scoring of the vendors. Conducted further vendor demo sessions with clients and provided recommendations on the guidelines to implement the solution with current supply chain.

OUR DELIVERED VALUE

1 Scouted **40+ tendering solution** as potential softwares



2 Ranked **5 softwares** on the basis of cost, timeline, pros & cons



We helped Water Co. identify a digital solution for inventory optimization to balance supply demand needs and reduce manual data input work

ABOUT OUR CLIENT

- Water Co., a leading provider of sustainable freshwater tech, sought to identify a digital inventory tool to optimize order sizes and reorder levels
- This initiative aimed to enhance inventory mgmt. by utilizing historical & forecasted demand data

OUR CLIENT NEEDS



UNDERSTAND TYPES OF TOOLS AVAILABLE IN THE MARKET

- Food Co. faced a disconnect between supply and demand, specifically between sales orders and purchase orders. Manual processes were time-consuming, and there was a lack of visibility in batch management



ASSESS TOOL'S CAPABILITIES TO SIMPLIFY THE PROCESS

- Water Co. aimed to assess the complexity, implementation timeline, and costs associated with a new digital inventory tool
- It sought to reduce the current manual tasks (e.g., update inventory details in ERP, create purchase orders in Excel) by leveraging new tool

OUR APPROACH

Define solution requirements from Water Co.

Conduct digital solution scout based on needs

List final tools & guide for implementation

Created comprehensive **list of must-have and nice-to-have** for the solution by conducting stakeholder interviews. Understand challenges such as lack of visibility in batch management, inventory age, soft/hard stock allocation, lack of demand forecast.

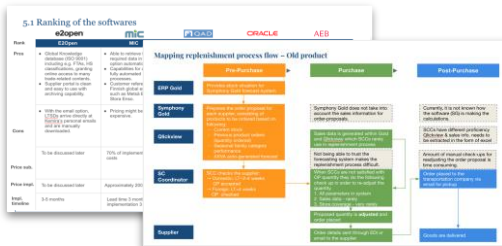
Scouted 32 available digital solutions in the selected market. The team conducted in-depth demos with the vendors and shortlisted suitable fits on the basis of cost, timeline, pros & cons, ability to cover client's maximum requirements.

We finalized **6 potentially fit tools on the basis of systematic evaluation** & scoring of the vendors. Conducted further vendor demo sessions with clients and provided recommendations on the guidelines to implement the solution with current ERP.

OUR DELIVERED VALUE

1 Scouted **32+ inventory optimization tools** as potential softwares

2 Ranked **6 softwares** on the basis of cost, timeline, pros & cons



2.1 Solution providers – Company information			
Company	Inventory optimization software	Inventory optimization software	Inventory optimization software
Company	Inventory optimization software	Inventory optimization software	Inventory optimization software
Headquarters	Inventory optimization software	Inventory optimization software	Inventory optimization software
Founded	Inventory optimization software	Inventory optimization software	Inventory optimization software
Revenue	Inventory optimization software	Inventory optimization software	Inventory optimization software
No. of employees	Inventory optimization software	Inventory optimization software	Inventory optimization software
Parent organization	Inventory optimization software	Inventory optimization software	Inventory optimization software
Business in India	Inventory optimization software	Inventory optimization software	Inventory optimization software
No. of customers	Inventory optimization software	Inventory optimization software	Inventory optimization software
Customer profile	Inventory optimization software	Inventory optimization software	Inventory optimization software
Local partner	Inventory optimization software	Inventory optimization software	Inventory optimization software
4.1 Priority ranking & scoring of Clients' requirements			
Weights and score to each requirement and feature			
Requirement	Automation	Reporting	Analytics
Weightage	Automation	Reporting	Analytics
Score	Automation	Reporting	Analytics
Final Score	Automation	Reporting	Analytics

We helped Chemical Co. identify digital solution for preferential trade and free trade agreement (FTA) process to reduce manual time and several excel files

ABOUT OUR CLIENT

- Chemical Co. aims to identify potential preferential trade software to support preferential trade & FTA process. Minimizing human errors & manual work
- The scope of the project was primarily two regions namely EMEA and North America

OUR CLIENT NEEDS



UNDERSTAND TYPES OF TOOLS AVAILABLE IN THE MARKET

- Identify the digital tools available in the selected market for automating FTA process
- Understand tool's interface, ability to meet Chemical Co.'s requirements, CS needs



ASSESS TOOL'S CAPABILITIES TO SIMPLIFY THE FTA PROCESS

- Chemical Co. wanted to assess the complexity, implementation timeline, and costs associated with tool
- Additionally, it sought to rank the potential vendors on their automation capability in simplifying the manual processes

OUR APPROACH

Define solution requirements from Chemical Co.

Conduct digital solution scout based on needs

List final tools & guide for implementation

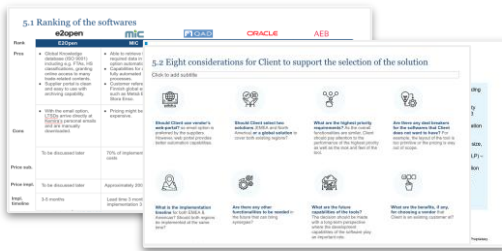
Created comprehensive **list of must-have and nice-to-have** for the solution by conducting stakeholder interviews. Understand challenges for the FTA process. The team identified that current process is manual with extensive reliance on excel records.

Scouted 30 available digital solutions in the selected market. The team conducted in-depth demos with the vendors and shortlisted suitable fits on the basis of cost, timeline, pros & cons, ability to cover client's maximum requirements.

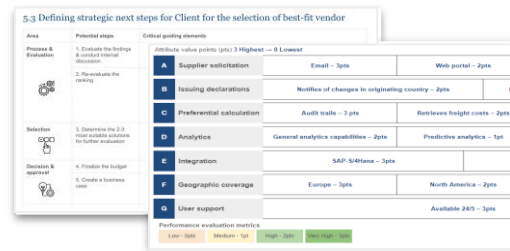
We finalized 5 potentially fit tools on the basis of systematic evaluation & scoring of the vendors. Conducted further **vendor demo sessions with clients and provided recommendations**, and guiding the Global Trade Operations team in FTA process.

OUR DELIVERED VALUE

1 Scouted **30+ preferential trade solutions** as potential softwares



2 Ranked **5 softwares** on the basis of cost, timeline, pros & cons



Our Expertise & Offerings

Key Contact Points

Lead time to kick off 2 weeks from project confirmation

Dedicated talent acquisition team...



Kristina Talailo
Head of Operations

- Established recruitment practices with a **2x faster performance** than an industry average.
- Spearheaded company wide practise on HR practices in **Konecranes** based in APAC, EMEA and NA regions.



Mriganko D.
Human Resource

- Recruited **250+ business analysts** for **85+ client's projects**
 - Achieved **zero-student-replacement** performance across all SprintlyWorks projects.
- Prior experience: **Randstad, Google, Goldman Sachs, Bain**

... SprintlyWorks ensures to have the best project team to co-create value for the project



← Duration: 2 weeks →

- Scout potential candidates in target universities with relevant background suited for the project.
- Provide assignments to student with a short case study relevant to the project.
- Shortlist 3 -5 best matching candidates for the project

- Based on your preference 3-5 shortlisted CVs will be shared with you.
- Upon confirmation of the team from your end, we will begin to onboard the team to kick-off the project.

SprintlyWorks®

Faster Progress on Strategic Topics

“ Same project internally would have been taken 4-6 months calendar time when running it beside all the other tasks ”

Let's be in touch!

Rahul Abhisek

Partner/ CEO

+358 45 696 7674

rahul.abhisek@strategycoglobal.com

Quy Pham

Senior Consultant

+358 44 969 3435

quy.pham@strategycoglobal.com

StrategyCo.Global



SprintlyWorks

