

What does SWARM offer?

B°



SWARM: Key features and benefits



Customization

Customisation of forms to meet the specific needs of the business.

Each form can be designed to accurately capture the required information and remains flexible to evolve as required.

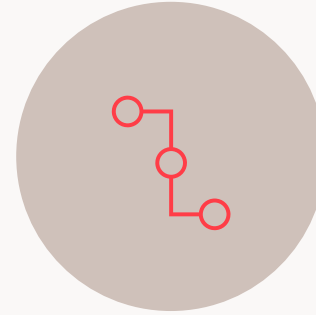


Analysis and reporting

Advanced analytics and reporting capabilities for critical insights from collected data.

Report filtering to precisely select data for analysis, at aggregated or detailed level

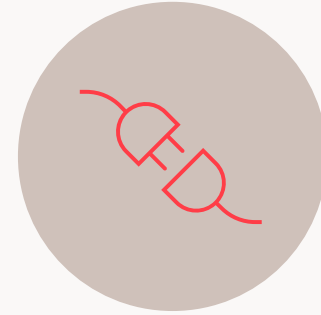
Data export across formats, including Excel or CSV, to integrate with other management or reporting tools.



Customizable workflows

Creation of tailored workflows tailored for specific data collection / quality needs.

Workflows can include processes, task allocations, deadline-setting and approvals to support project management



Integration capability

Seamless integration with other systems, including CRM, ERP, BI tools, and data warehouses.

Ease in exchanging information eliminates organisational silos and optimises data management processes across the enterprise.

Plan, collect, analyse relevant data with Swarm

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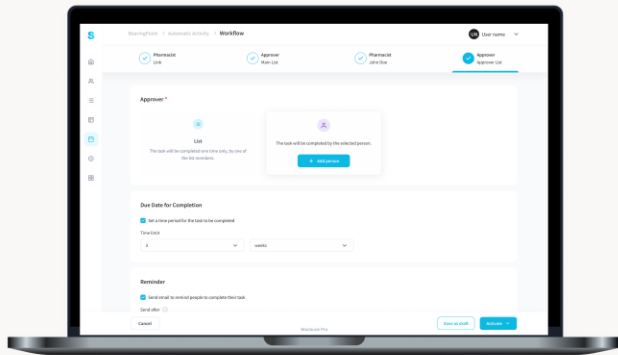
Initiate and manage the process

Ad-hoc execution, initiated by QR code scanning, from dashboard or by email.

Schedule recurring campaigns, based on inspection due dates, including reminders.

Predefined form templates for your business processes.

Plan workflows, including external inspectors, approvers and technicians.

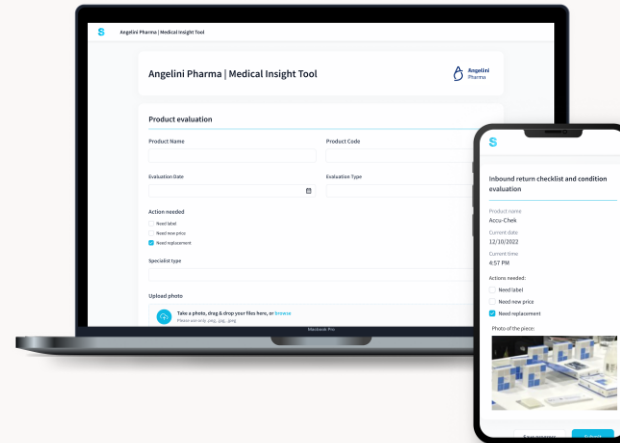


Data collection and validation

Flexible and interconnectable input types: *text, date, time, checkbox, percentage, multiple choice, photo with red-markup, etc.*

Location accuracy input types: *geolocation, indoor location, 2D & 3D models with pins.*

Forms can be individualised and prefilled.



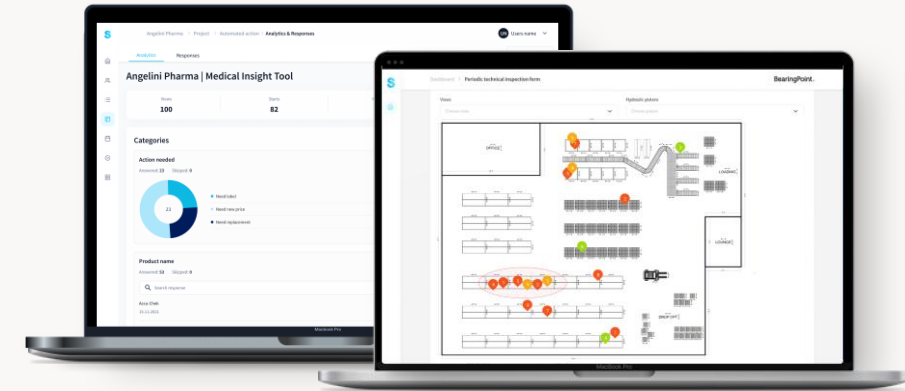
Reporting, analytics and further usage

View, share and export data in Excel, csv or PDF.

Built-in analytics for deriving upfront insights based on gathered information.

Exposing structured data for major enterprise systems: *SAP, Salesforce, Microsoft, IFS, RIB.*

Providing dynamic data to major analytics platforms: *SAP Analytics Cloud or Microsoft Power BI.*



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Workflows



Swarm Workflows empowers **seamless data collection** with easily **B° customizable forms and workflows**, designed for web, mobile and tablet responsiveness. A flexible, **user-friendly tool** that integrates effortlessly with existing systems, streamlining processes and enabling **real-time data capture at scale**.



Flexibility That Adapts to You

Customize forms, workflows, and branding to fit your business processes, user roles, and local requirements no matter how complex your structure.



Clarity and Control in Every Step

Collect accurate, structured data in real time and turn it into actionable insights with built-in analytics, export options, and traceable audit logs.



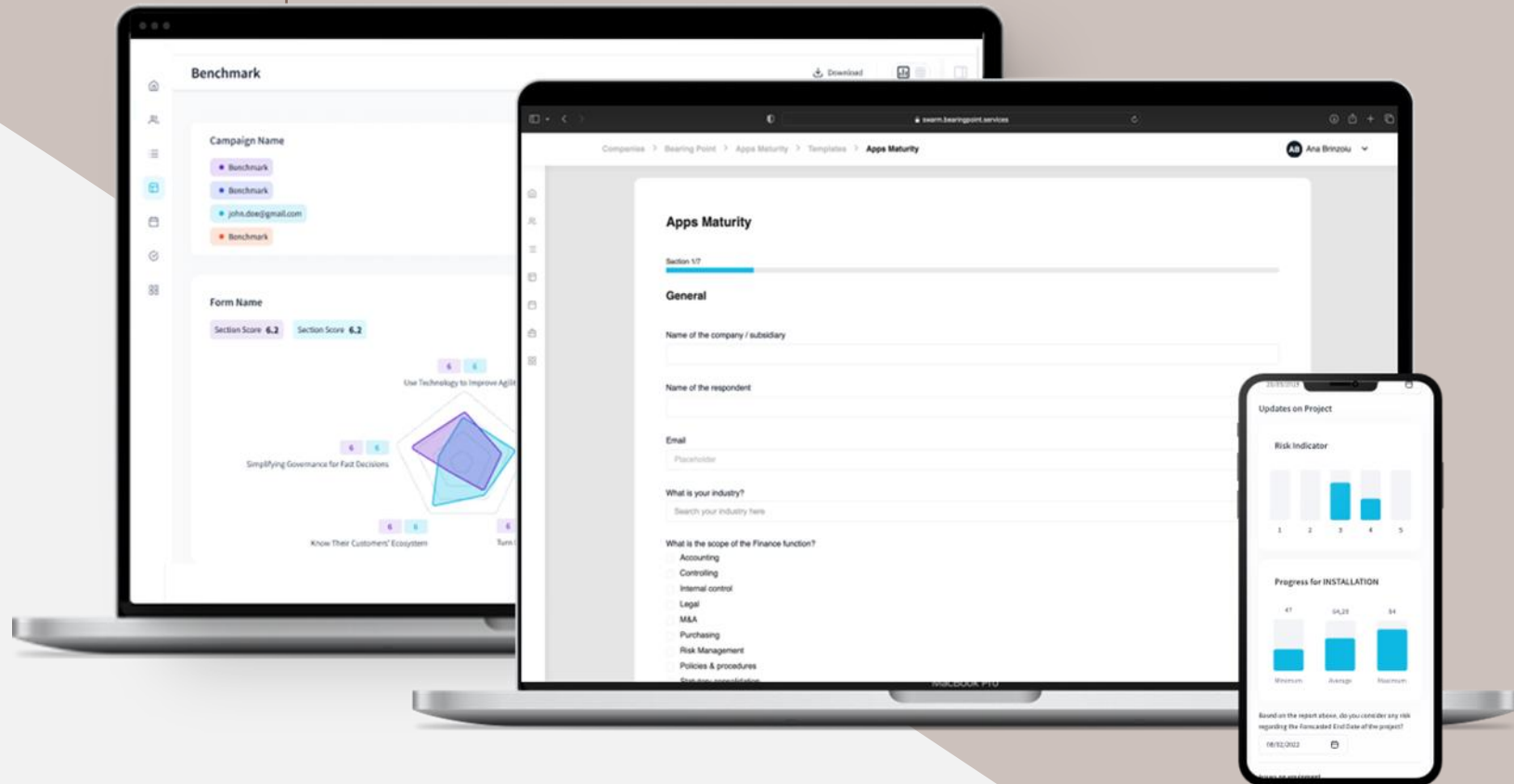
Built-in Signing Capabilities

Enable secure, integrated signing within your workflows: ideal for approvals, confirmations, and formal documentation without switching tools.



Seamless System Integration

Connect effortlessly with existing tools from ERP to CRM and BI platforms ensuring smooth data flow and breaking down silos across teams.



Faster Approval Workflows with AI-Enhanced Recommendations

B°

Challenge

Approval workflows are often bottlenecks causing delays despite automation efforts.

Approvals require checks for policy compliance, budget, timing, and often involves manual emails and follow-ups.

Impact

Solution

Our AI-enhanced Swarm solution provides recommendations to streamline approval processes.

Efficiency

Reduces approval time by up to 60%, based on data-driven insights on approving or rejecting.

Future-proof

By 2026, over 80% of the workforce will benefit from AI productivity boosts (According to a [Gartner Study](#))



Workflow & Form Capabilities

1. Create Dynamic Forms

- Create user-friendly forms with flexible input fields
- Validate input fields with configurable logic
- Customize design to match regional branding and language needs

2. Define Workflows & Roles

- Define multi-step flows with any number of forms and approvals
- Assign approvers or recipients based on roles or rules
- Keep users on track with notifications and a task-focused workspace

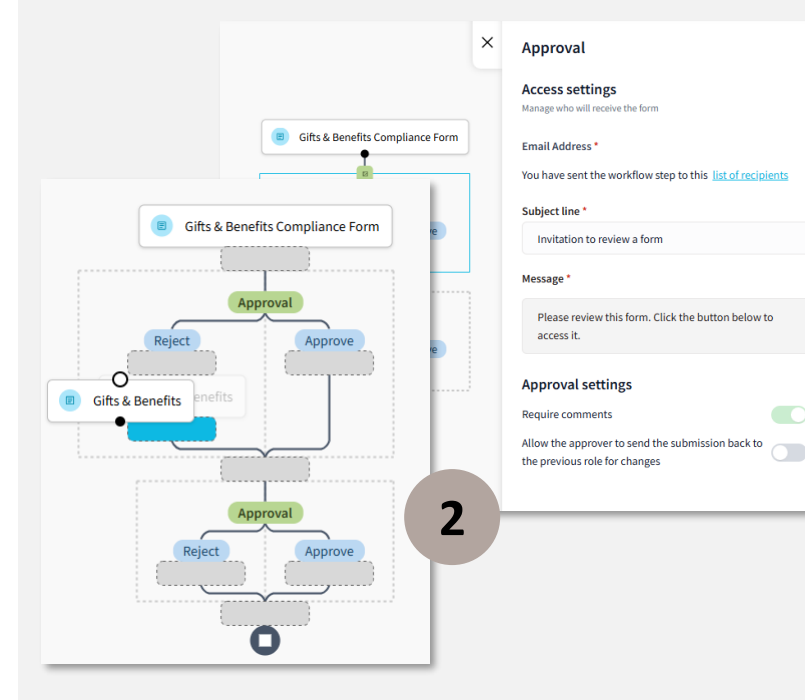
3. Activate & Drive Execution

- Launch via dashboard, email, or QR code
- Ensure timely action with deadlines, reminders, and task views

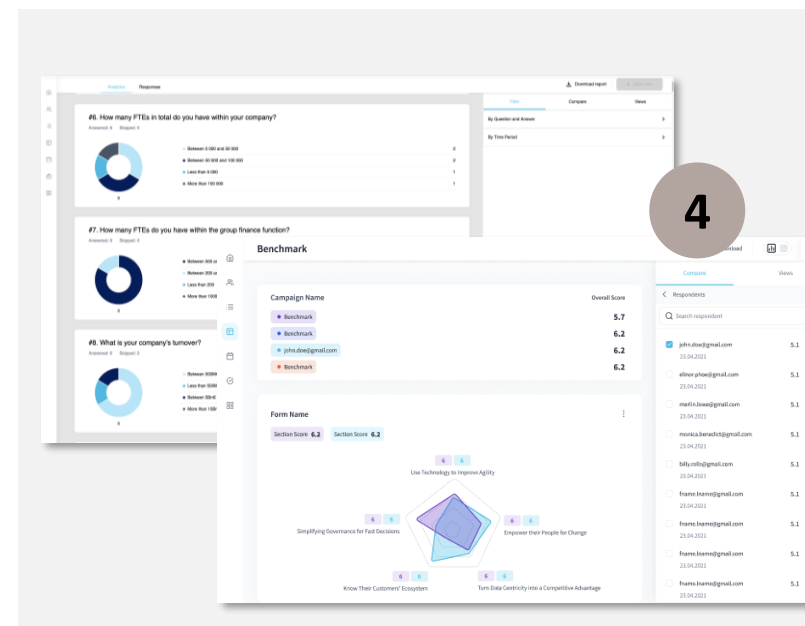
4. Monitor & Analyze

- Track every step with a transparent audit trail
- Visualize results through multilingual dashboards and reports

The image shows two overlapping configuration screens. The 'Question types' screen on the left lists various input types: Text (Short text, Long text), Number (Numeric, Unit measure, Currency), and Contact details (Email, Contact, Phone number, Address, Signature). The 'Upload' screen on the right, marked with a large '1' in a brown circle, allows configuring an 'Upload' question type. It includes fields for 'Question text', 'Hint', and 'Briefing note', each with a text area and a 'Send documents' icon. There are also 'Required' and 'Size' (Narrow, Compact, Half width, Wide, Full width) settings. A 'File types accepted' dropdown is set to '.pdf, .doc, .docx, .xls, .xlsx, .txt, .zip, .rar, .csv'. Other settings include 'Limit file size', 'Limit number of files', and 'Info note', each with a toggle switch.



The image shows a 'Gift & Benefit Workflow' dashboard and a 'Policy Compliance Questions' form. The dashboard, marked with a large '3' in a brown circle, has a 'Workflow status' section showing 'Active' with a green dot. Below it, a 'Started' section shows a progress bar for 'Gifts & Benefits Compliance Form'. A 'Schedule' section shows a date 'Thu, 17/10' and a time '10:57 AM'. An 'End' section shows a 'No end date' option. A 'Tasks' section on the right lists 'All forms', 'Available forms', 'To do', 'Done', and 'Expired'. The 'Policy Compliance Questions' form, which is the main focus, has a 'Section 3/4' header. It contains two questions: 'Does accepting this gift/benefit create a potential or actual conflict of interest?' and 'Have you offered or given any gifts/benefits to external stakeholders on behalf of the organization?'. Each question has 'Yes' and 'No' radio button options. The form has 'Previous' and 'Next' buttons at the bottom.



Connectors - Built to securely populate data to core enterprise systems B°

Swarm acts as a secure gateway to your enterprise systems, so that you never expose your core systems to external access

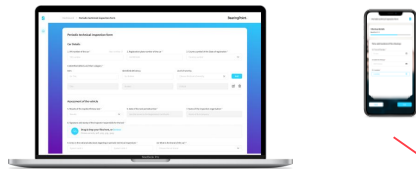
Data collection

Web, tablet & mobile interface

Data is collected from the end user via the forms generated by Swarm

Link can be shared **directly** or **via mail**

Collect data in forms



Runs on SAP cloud or Microsoft Azure



Processing

Swarm API

Swarm is collecting, structuring and hosting data.

Transforming data as required by the target system of your company.

Two options

1. Data fully managed and hosted by Swarm
2. Data pushed to your system via connectors

Swarm API

1. Store data inside Swarm



Admin portal

Storing & Analyzing

Your enterprise systems

For data **storage** purposes:

- Get only the relevant data from the form
- Data from same form can be pushed to different systems if needed
- **SAP** (Hana, S/4 Hana), **Microsoft** (Azure, SharePoint, Dataverse, Dynamic CRM), **Salesforce**, **IFS**, **RIB**

For deriving **business intelligence**:

- Create charts with data from Swarm
- Watch trends and stay constantly informed
- Display data in an easy-to-understand reports
- **SAP Analytics Cloud**, **Microsoft Power BI**

2. Push data to core system via secure connectors

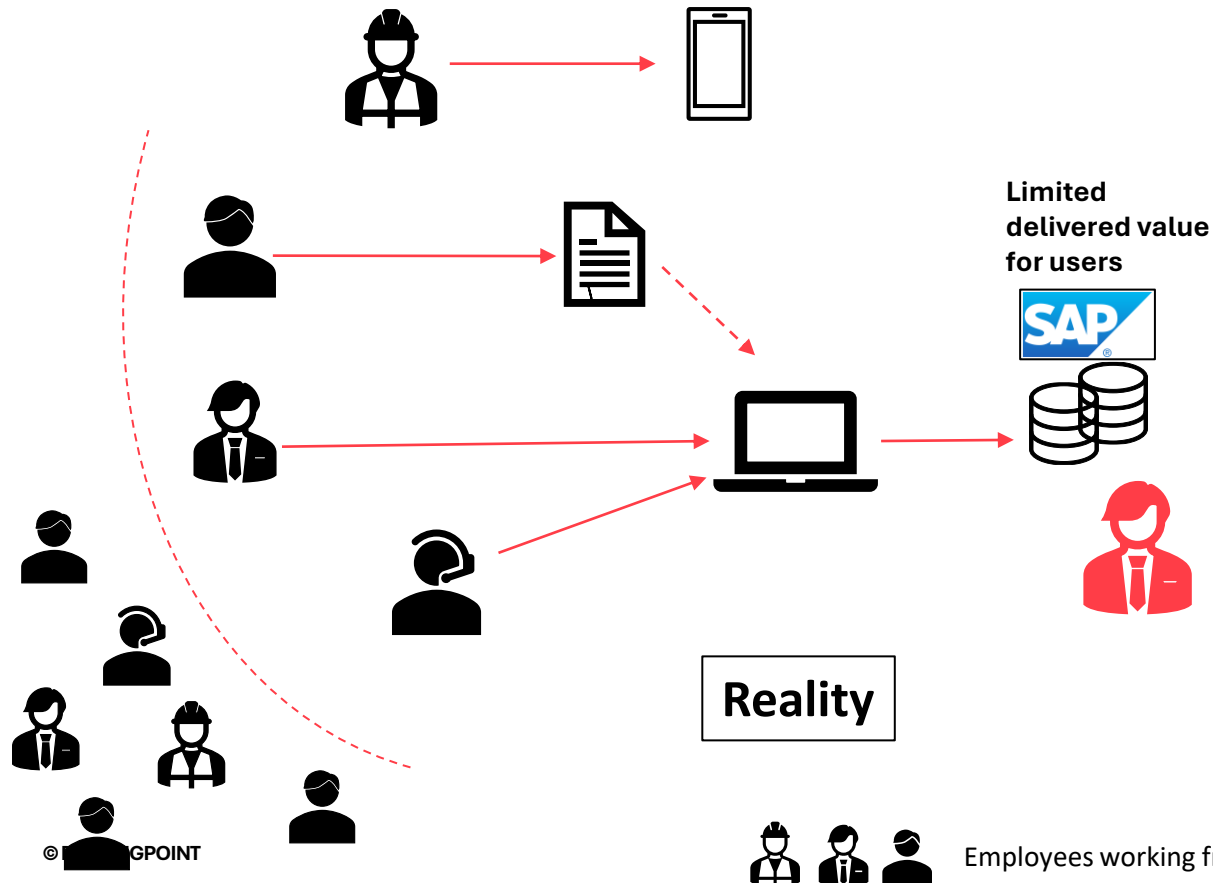


Empowering more persons to contribute with data in SAP systems

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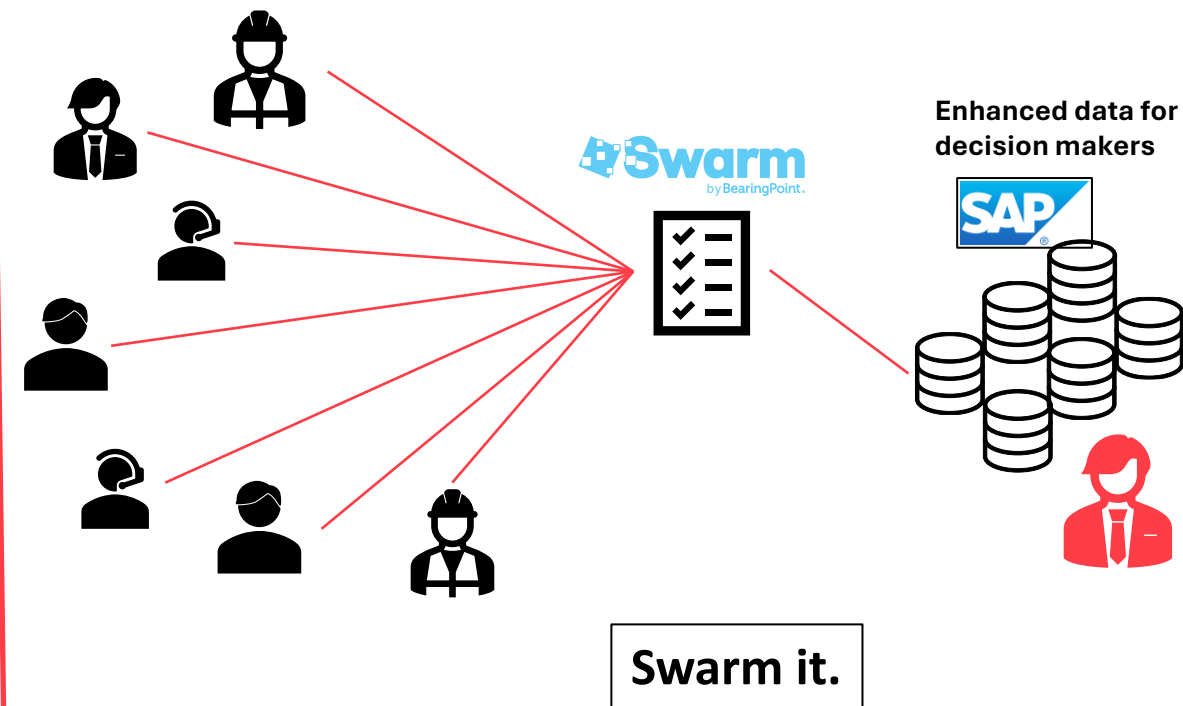
Challenge: Teams communicate verbally, via email or phone, important making information hardly recorded in the enterprise systems or only added by a few users with active licences.

Entering data into the core system can become a bottle neck and make it difficult for client to perceive the true value.



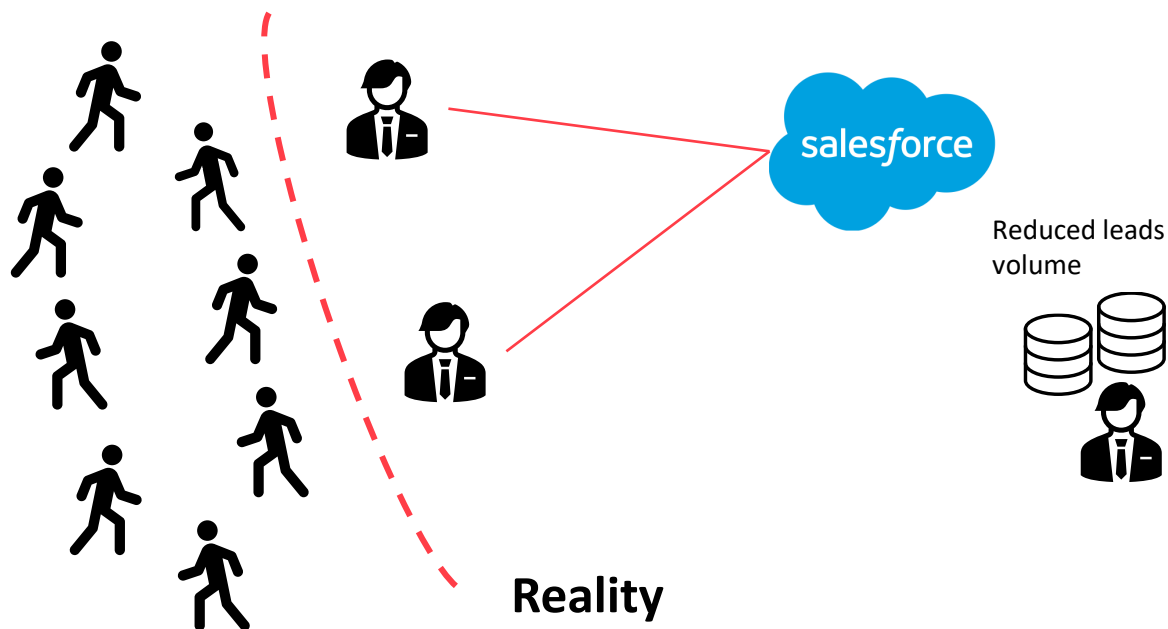
Goal: Receive consolidated information fast and from everybody involved on the project through secure and easy to fill forms.

Empower better decision making using easy to understand data delivered right on time, to avoid delays and additional costs.



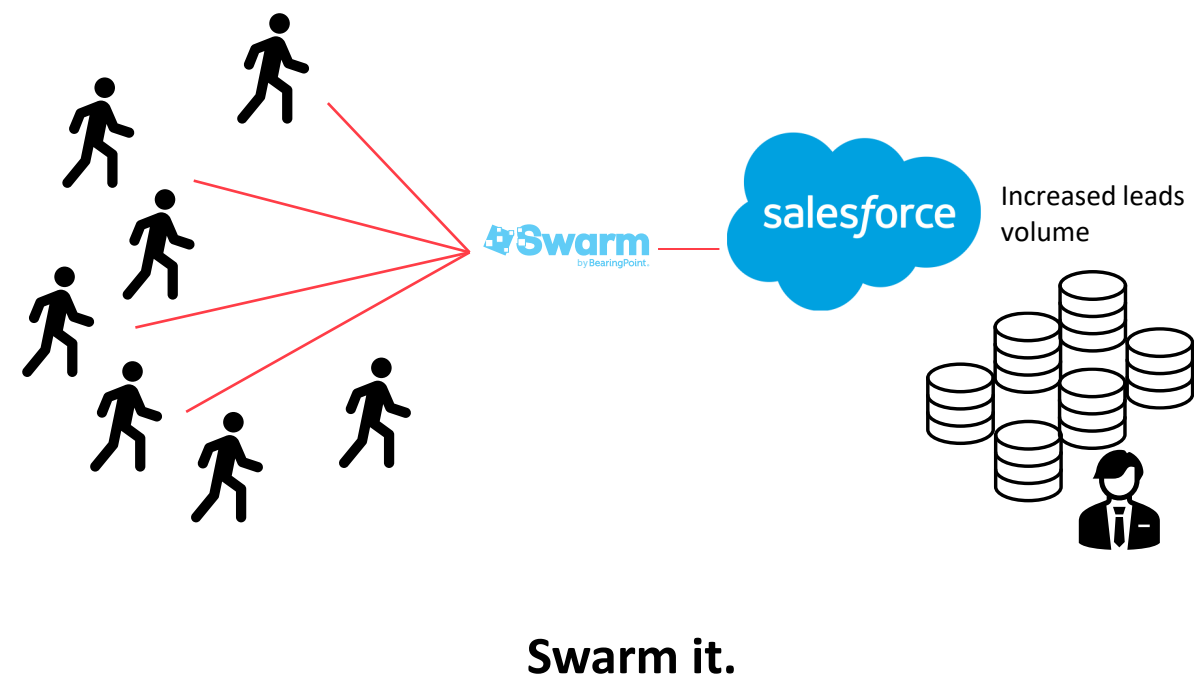
Use Swarm Intelligence to capitalize on every opportunity

Challenge: Employees walk by company buildings in need of facility services on a daily basis without a way to capitalize on that information. Lead generation, even though is a **process in need of quantitative and qualitative data**, is relying only on sales teams.



Goal: Capitalize on the information swarmed by all the employees to increase the number of leads.

Empower the sales team with more information about leads and enable the employees to be proactive towards new opportunities.



Turn all your facility services employees into lead generators



Add quality leads and relevant insights directly in Salesforce


 salesforce

Provide insights for our facility services

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What is the company that could benefit from our services

Company *

BearingPoint

Let us know where you are *

Type address

Pin on map (Geolocation coming soon)

Where do you see issues?

Please select the problems you see

Untidy exterior

Unwashed windows

Neglected garden areas

What other issues you found?



Exit Undo Save



Data collected in Swarm is automatically added in Salesforce:

- Company name
- Company address
- Services needed
- Lead description
- Employee contact
- Attached photos

Activity **Details** Chatter News

Lead Owner

[Jaguar App Integration User](#)

Name

Ian

Company

BearingPoint RO

Title

Lead Source

Industry

Annual Revenue

Originator email

ian@spie.com via SWARM

Address

Izvor, nr 80
Bucharest
050561
Bucharest

Product Interest

SIC Code

Number of Locations

Created By

[App Integration User](#), 14/10/2021, 11:51

Description

The windows on the first floor have been dirty for 3 days now - I don't think they know about it.



