asset insider

whitepaper

created on PowerApps
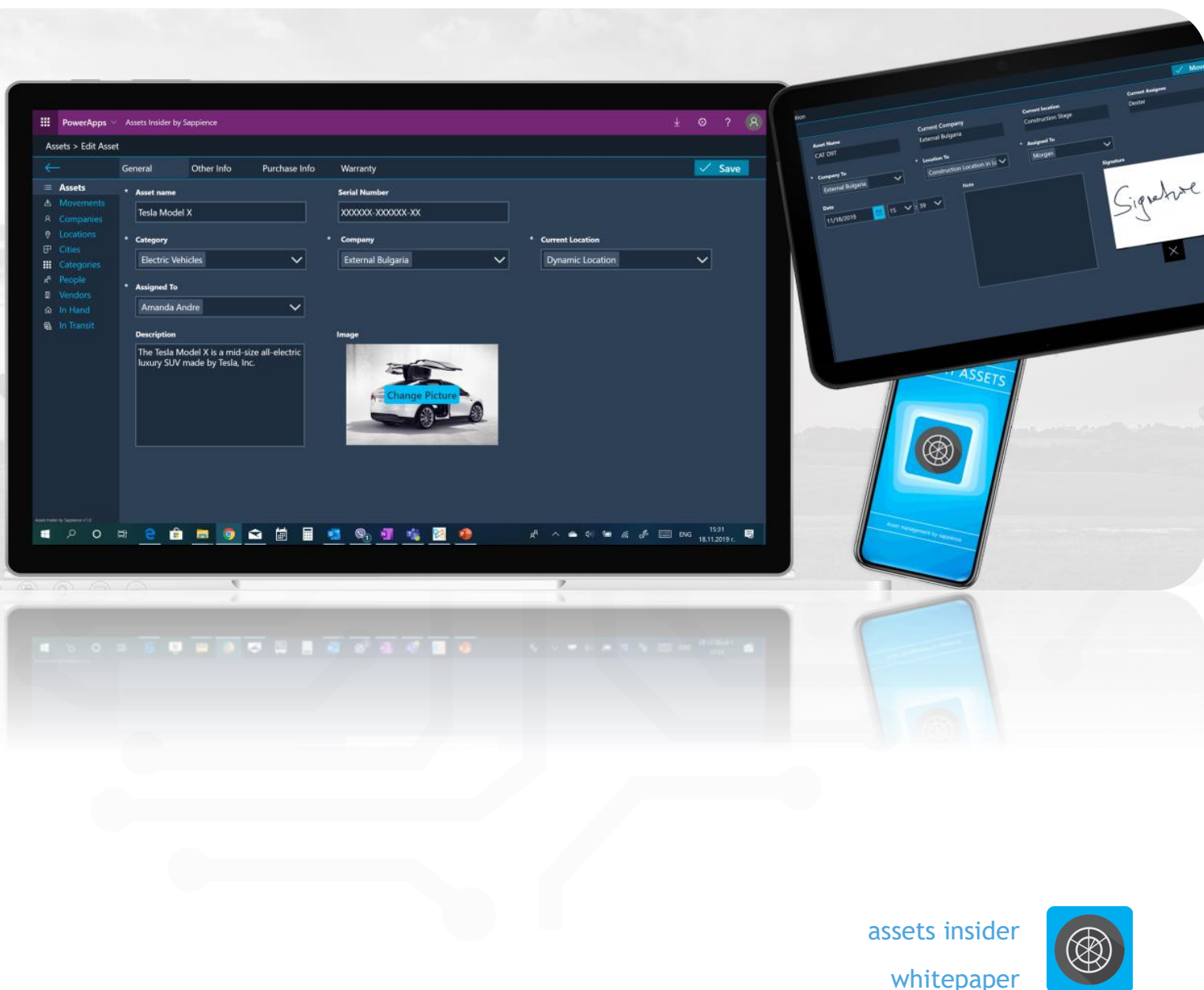
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introduction

Asset Insider is a comprehensive asset management application and all-you-need solution to extend and maximize the lifecycle of your assets and reduce the associated costs.

Covering the asset lifecycle from moment of being ordered to the day they are written-off the **Asset Insider** collects, maintains, monitors and analyzes data in order to empower the users with actionable insights.

But what makes this tool different? **Asset Insider** is upscaled Low-Code Application based on Microsoft PowerApps, combining complex IoT, RPA and AI technologies with simple and efficient user experience, created by **Sappience**.

highlights

end-to-end Application

Asset Insider is a complete solution to manage various categories of assets that are purchased, leased, rented, provisioned or sold to customers. On one hand assets are one of the companies' revenue stream boosters, on the other hand they generate significant operational costs due to stockpiling, maintenance, repairs, losses, timeouts, waste production, lack of information, unutilized availability, low utilization, etc. The goal of **Asset Insider** to increase the margin between the added value of the assets and the operational costs related to them.

assets to manage

The spectrum of assets you can manage – from small cost generators to heavy machinery. They might be current or fixed, tangible but also subscription based or leased, operating or non-operating, it doesn't matter.

- o Light Industrial Equipment
- o Heavy Machinery
- o Production Lines & Machines
- o Warehouse Equipment and Tools
- o Vehicles & Transportation Equipment
- o IT & Office Equipment
- o Subscriptions
- o Other Devices & Electronics

industries in focus

We are not limited to a certain industry or business domain but rather we aim to position **Asset Insider** as the perfect fit for business lines or companies like:

- o Utilities & Telecommunications
- o Transportation & Logistics
- o Equipment Rentals
- o Leasing Companies
- o Construction
- o Facility Management
- o Maintenance Services
- o Manufacturing – Process & Discrete
- o Heavy Equipment and Vehicles Dealerships

benefits and added value

360° view: Have full control over the assets that generate costs for the company

Reduce Costs: Reduce maintenance and operational expenditures and decrease procurements costs

Increase Uptime: Extend the lifecycle of the assets and ensure maximum uptime

Engagement: Level-up the responsibility of the ones who should take care of assets assigned to them, ensuring the satisfaction of doing so

Time to Value: Asset Insider leads to unbeatable Time to Value shortly after its adoption

Freedom to customize: Own a state-of-the-art application that works perfectly as it is, but have the option to build company specifics on top

Stay Connected: Utilize more than 250 standard, premium and custom connectors to other products and services

Enterprise Ready: Entering the world of low-code cloud hosted apps means no more worries about infrastructure, security & compliance
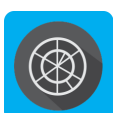
Spend Smart: Pay what you use and what you need with flexible per user & per of assets pricing

Customer Voice: The App users' feedback is crucial part of roadmap of the product. The customers' voice matters!

ui/ux

For every software, system or app is crucial to provide a perfect user experience. This is the only way you can ensure full product utilization and the benefits it brings. Asset Insider focuses not only on the backend of the solution, but also on user empowerment and satisfaction.

We created great multi-platform experience implemented in web and mobile versions, working perfectly on PCs, Macs, Tablets, Mobile Devices. Use browsers like Chrome or Edge, embed directly in collaboration tools like Microsoft Teams, or download the PowerApps mobile application for iOS or Android.

capabilities

Sappience created a stack of capabilities and features focused on keeping the promises **Asset Insider** made – have full control & transparency, cost reduction, extend the asset lifecycle, be proactive and not reactive. An that's not all: we constantly make things better, build new features and include additional workloads. All of this is based on our roadmap leading to continuous innovation. The same roadmap where the market, our customers and app users have their voice heard.

- **Assets 360 & Full Lifecycle Management:** Getting deep insights of every aspect of the asset lifecycle is so easy now. Make quick actions with assets, see important events, track history, or just find them in seconds.
    - *Maintain single assets database easily and forget about combining information from different sources into complex Excel sheets*
    - *Extended list of assets' attributes recording information related to general characteristics, purchase information, warranty and insurances, condition & health check,*
    - *Various options to assign an asset to companies, locations and/or people*
    - *Maintain required information about assets' usage and physical amortization, based on specific parameters*

- **Multiple Categories:** Different assets have different set of attributes to be monitored based on their type, group or category. As you cannot manage a notebook, a truck and a production line in the same manner Asset Insider introduces the option to have category specific parameters.
    - *Each category comes with its specific static and dynamic data to track*
    - *Extend the scope of manageable assets*
    - *Implement category specific actions based on categories*
    - *Tree structure allows inheritance of information and attributes*

- **Locations:** Know where your assets are. They are equal to certain amount of money which is placed somewhere or is roaming around. And "somewhere" or "roaming around" is not good enough.
    - *Assign locations to different companies. They could be affiliates, partners, customers, anywhere within or outside of your premises.*
    - *Define different types of locations like offices, departments, warehouses, production shop floor, construction plants, retail stores, in transit routes, etc.*
    - *Use Maps functions to easily locate, view or filter the assets*
    - *Having all the information, the location-based costing is now possible*

- **Movements & Tracking:** Some of the assets are stationary other could change hands and locations, could be lost, could be found. Having all the history in one place is not a nice feature, it's mandatory if you require quick answers to questions like Why? When? Where? Who?

- o *Maintain full list of companies and people, related to locations. These people can be easily found and synced with the Active Directory, so no need of maintaining different user databases*
- o *Assign assets to people, locations and companies, recording transaction specifics and have digital acceptance protocol, e-signed directly in the app*
- o *Collect location data directly from the assets or from the mobile app that recently took picture of the asset*

- **Condition & Usage Monitoring:** When you get in the car you need to be assured it is in good operational condition. That's fully applicable for your other assets as well. Asset Insider utilize completely the mobile & desktop app, connectors and IoT, to ensure all the data is collected and matched to the standards and recommendations.
  - o *Quick update of condition or report actual usage via mobile app*
  - o *Collect dynamics data for actual condition and usage of an asset directly via IoT synchronization or custom connectors*
  - o *Auto-update statuses, lifecycle based on predefined criteria and dynamic data*

- **Warranty & Insurance:** When you pay for insurances or warranties of your crucial assets, you need to be sure that you are taking the full advantage of their terms and conditions.
  - o *Put the information needed about insurance and warranty, terms, duration, extensions.*
  - o *Do not miss coming expiration dates and do what is necessary to extend the life of the asset before is out of warranty*
  - o *Attach scans of physical or digital documents so they are one click away from the ones, responsible for the assets*

- **Components, Spare Parts & Repairs:** The assets can be simple items or multi-component structure with its own bill of materials. Sometimes the longevity of an asset depends on the life of any of its components or spare parts. That's where the Insider comes with the full information required to maintain the assets in the best possible way.
  - o *Create and manage asset structures and links between them*
  - o *Manage and change mission critical spare parts, and track their usage in the same manner as the asset itself*
  - o *Plan and report assets repairs and spare parts replacements*

- **Predictive Maintenance:** Start being proactive instead of reactive when it concerns the assets of the company. It's all about acting before something goes wrong. And that's why the Asset Insider get's better and better in the area of predictive maintenance, utilizing machine learning and AI technologies.
  - o *Maintenance reminders based on manufacturer's recommendations*
  - o *Define status checks and schedule a maintenance work based on Usage Monitoring*
  - o *Utilize historical records and behavior to make preventive maintenance through AI Builder*

- **Notifications:** Go deeper into the details and have actionable insights, push notifications and reminders related to one or more of your valuable assets.
  - *Receive information about the asset categories, particular asset or its components*
  - *Reminders for important dates and events*
  - *Custom approvals processes*
  - *If needed, get notified for all log records related to specific asset, including dynamic data for its performance or usage*

- **Integrations:** Asset Insider is perfect standalone business application which enables you to run through the last mile of digital transformation taking full advantage of integrations with other software, tools, devices and hardware.
  - *Core Systems – Your Asset Insider can be seamlessly connected with existing ERP or CRM systems like Dynamics 365 (Finance & Operations, Business Central, Customer Engagement), Salesforce, SAP, or Oracle Database*
  - *IoT enabled – the machines, devices, equipment, they can talk in digital language through their internal tools or external sensors. And Asset Insider can listen carefully and take the insights needed for better management*

- **Reports & Analytics:** The data input is just the first step. As it can be easily filled by the user, collected through a connector or IoT - it's still just a structured data. The next step is to apply intelligence and turn that data into meaningful, valuable and actionable information.
  - *Assets Intelligence – analyze assets' data from every perspective*
  - *Predictive Analytics – get predictive analytics at the edge of the fingertips*
  - *Involved in reporting landscape - Reach the Insider data from 1st or 3rd party BI tools like PowerBI, Qlik, Tableau, Looker and others*

the asset outsider edition

Purpose: The Asset Outsider is a spin-off edition of the Insider, focusing on the management of assets (production & purchased goods) sold to your customers.

Scenario: This product is applicable for any cases where you need to monitor and manage the assets due to warranty contract with your customer, maintenance agreement, or when you provision your products as a service (subscription/usage based).

Additional Capabilities: This edition includes all the capabilities of Asset Insider tweaked and focused on the products provisioned to your customers, and lot more. New custom features and capabilities include:

- Tracking custom parameters for different product categories in the sales portfolio
- Enabled IoT integration with products' sensors or custom connectors to their embedded software
- White labeled Customer Portal for:
  - Support or Maintenance requests
  - Claims and Incidents registration
  - Customer access to available Product Information & Documentation

Additional Benefits:

- Increases customer engagement and satisfaction
- Reduces the provisioning and maintenance costs

low-code application

Asset Insider takes full advantage out of Microsoft Power Apps & Power Platform.

The technologies we use include the Microsoft Power Platform, its key player PowerApps, and the rest of the crew: Power Automate, Common Data Services for Apps, AI Builder, Portals, Connectors, low-code and custom code.

next steps

If you want to find out more about your personalized value proposition and **try the Insider** just join our digital society and ping us:

- Li   linkedin.com/company/sappience
- Fb   facebook.com/sappience/
- W   sappience.digital
- @   hi@sappience.digital

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