Desktop Apps: Planning to Dev-Ready

Accelerate the software design phase and build the Azure infrastructure to start development.

05/15/2023

Design should expedite development.

The User-Centered Design process demystifies software planning and leads to optimized user stories, product backlogs and roadmaps.

Primary challenges

The industry standard design approach ignores technical constraints and dismisses project and development needs—all while over prioritizing feedback from a handful of users and stakeholders.

Ideal solution

Contrary to industry norms, designers understand technical architecture, have experience writing production code, and know the impact of decisions on business objectives.

Desired outcomes

Design leads directly to an optimized backlog of development tasks and a roadmap of accomplishable milestones.

Design to Development Ready

iTrellis brings business and technical expertise to designing custom software for your business.

Discovery and Technology Assessment

Deeply understand the business problem and gather requirements.

Architecture and Design Proposal

Draft the architecture of a Minimum Viable Product (MVP). The MVP should act as a proof-of-concept that also has business value.

Designs to Backlog and Roadmap

Choose technologies from the architecture, create features and stories in DevOps to produce the MVP, build an estimated roadmap of sprints, and sketch out post-MVP requirements to inform decision making.

iTrellis Design and Microsoft Azure

Every project has unique service and architecture needs. But teams should be building and deploying product features—not burdened by infrastructure and CI/CD pipeline setup. That's where the Azure Cloud excels. Use iTrellis to quickly configure your Azure ecosystem of services into a turnkey solution. At the same time, keep your team focused on the product.

Azure DevOps

The combination of Azure DevOps (Boards) and Portfolio++ (an Azure extension for Roadmaps) will modernize your team's workflow and delivery.

Azure DevOps Repos

Manage private and public code repositories using Git. Link Pull Requests to Azure Boards work items, and link code branches to Azure Pipelines.

Azure DevOps Pipelines

Build desktop application code into executables and installation packages. Release new builds onto development and production download platforms to enable seamless upgrades.

Customer success: Steady Flux Pipe Visualization App (WilBr)

"Our engineers needed a custom application that rendered reports based on data sets unique to our equipment. iTrellis sought to understand our project, thought creatively about the problem, and delivered desktop solution that met our engineer's needs. Our engineers consider the software developed by iTrellis paramount to the success of their jobs."

~Dan Loftstrom, CEO, Steady Flux Inc.
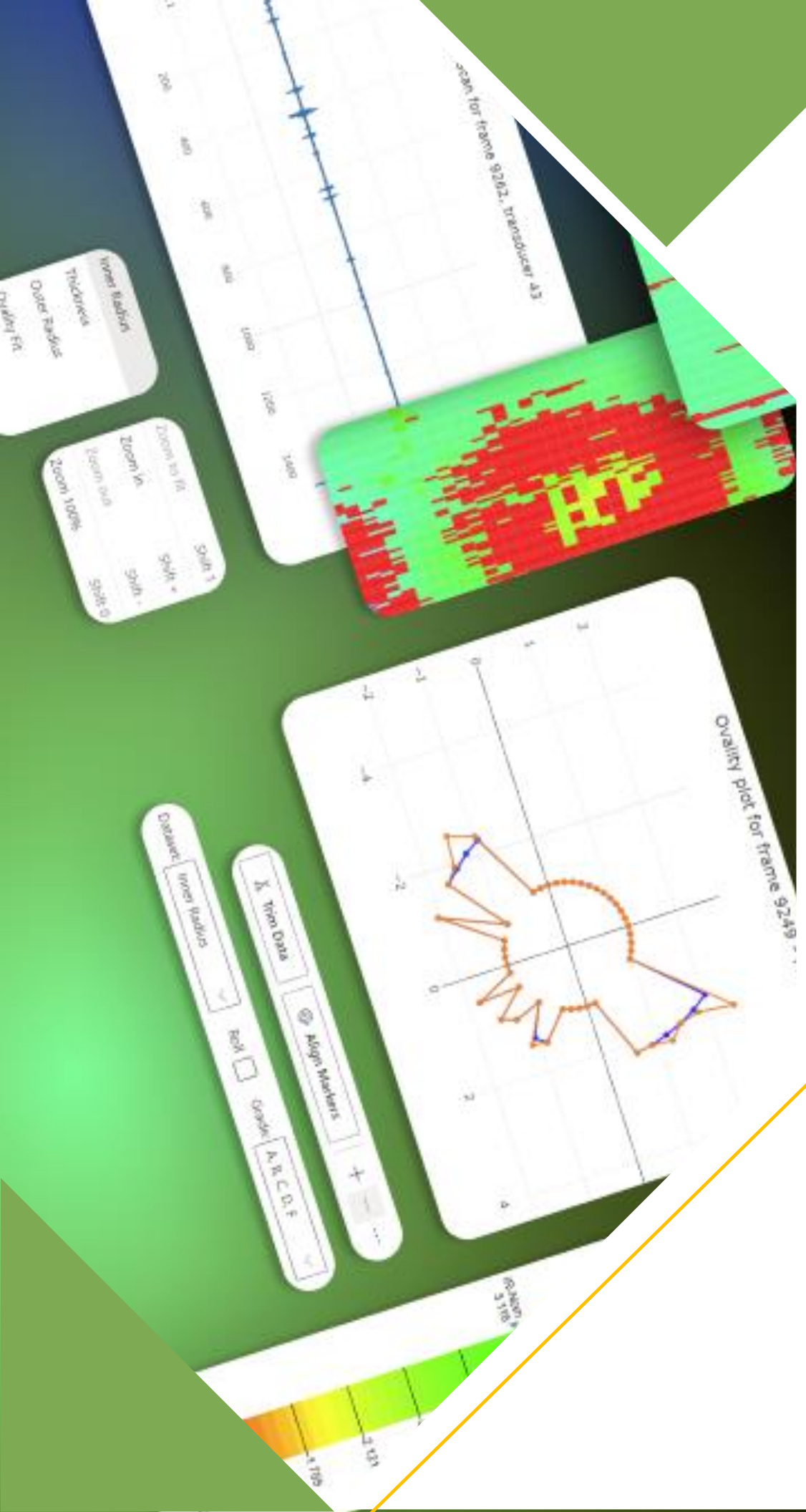
▶ Document Requirements

A thorough understanding of the project goals and constraints is key to ensuring the team builds the <u>right product</u>.

▶ Communicate Designs

<u>Good design</u> is modular, flexible, scalable, fluid and simple. It is also the easiest to understand, communicate and build.
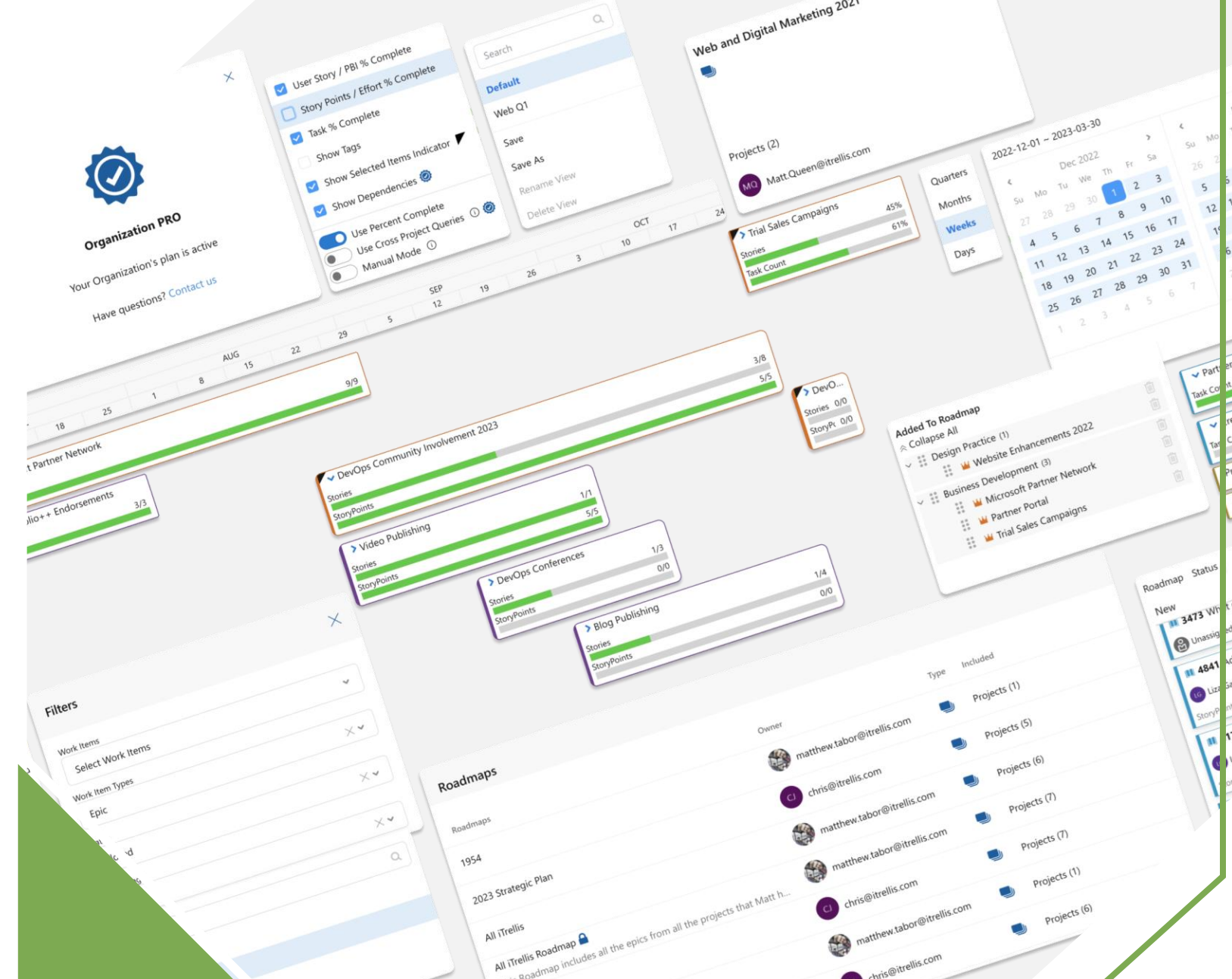
▶ Optimize Development

Explicit mappings between product requirements, screen designs, backlog tasks and roadmap iterations allows teams to efficiently and effectively build the <u>product right</u>.

Portfolio++™: An Indispensable Planning Tool for Azure DevOps

iTrellis created Portfolio++ as an Azure extension for Roadmaps to modernize workflow and delivery. With this enhancement to the Azure ecosystem, development teams have a better understanding of the work and planners have a stronger basis for program management and decision making. Thousands of active users, including from companies such as Coca-Cola and Accenture, are already benefitting from Azure DevOps and Portfolio++.

Integrated With Azure Ecosystem

Roadmaps show the development of initiatives over time, reveal hidden dependencies, and coordinate project efforts for optimized planning.

Set Up With CI/CD Pipelines

Successfully built, tested, and deployed using continuous integration/continuous deployment (CI/CD) pipelines.

Instrumented With AppInsights

Configured for end-to-end observability to guide iterative improvements to the product.

Start working with iTrellis.
Design to Development Ready:
4-Week Implementation

Contact Us

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