



BESPIN

Business Enterprise Systems Product Innovation (BESPIN)

DAFITC

August 2023



A man with a beard and glasses and a woman are looking at a screen, likely a laptop, in a professional setting. The image is tinted with a blue color.

AGENDA

I. Who we are

II. What we do

III. How to get involved

Section

01 | WHO WE ARE



WHO IS BESPIN

Our Vision and Mission

Business and Enterprise Systems Product Innovation (BESPIN) is transforming how the **Air Force delivers and uses software to improve the efficiency and effectiveness of Airmen.**

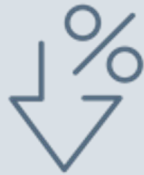
We enable exceptional mobile and web software solutions leveraging BESPIN's unique capabilities and approach.

WHY BESPIN?



The state of Air Force software development just isn't cutting it!

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Airmen are spending too much time on non-value added tasks, which degrades readiness and mission success.

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BESPIN's secure DevSecOps and user-centered design processes can reduce several pain points.

HOW WE FLY, FIGHT AND WIN!



Mobile and Web

We specialize in the development and deployment of mobile/web apps from ideation to solution



cATO

We are the preferred on-ramp to C1 for rapidly driving apps to production under our Continuous Authority to Operate capability



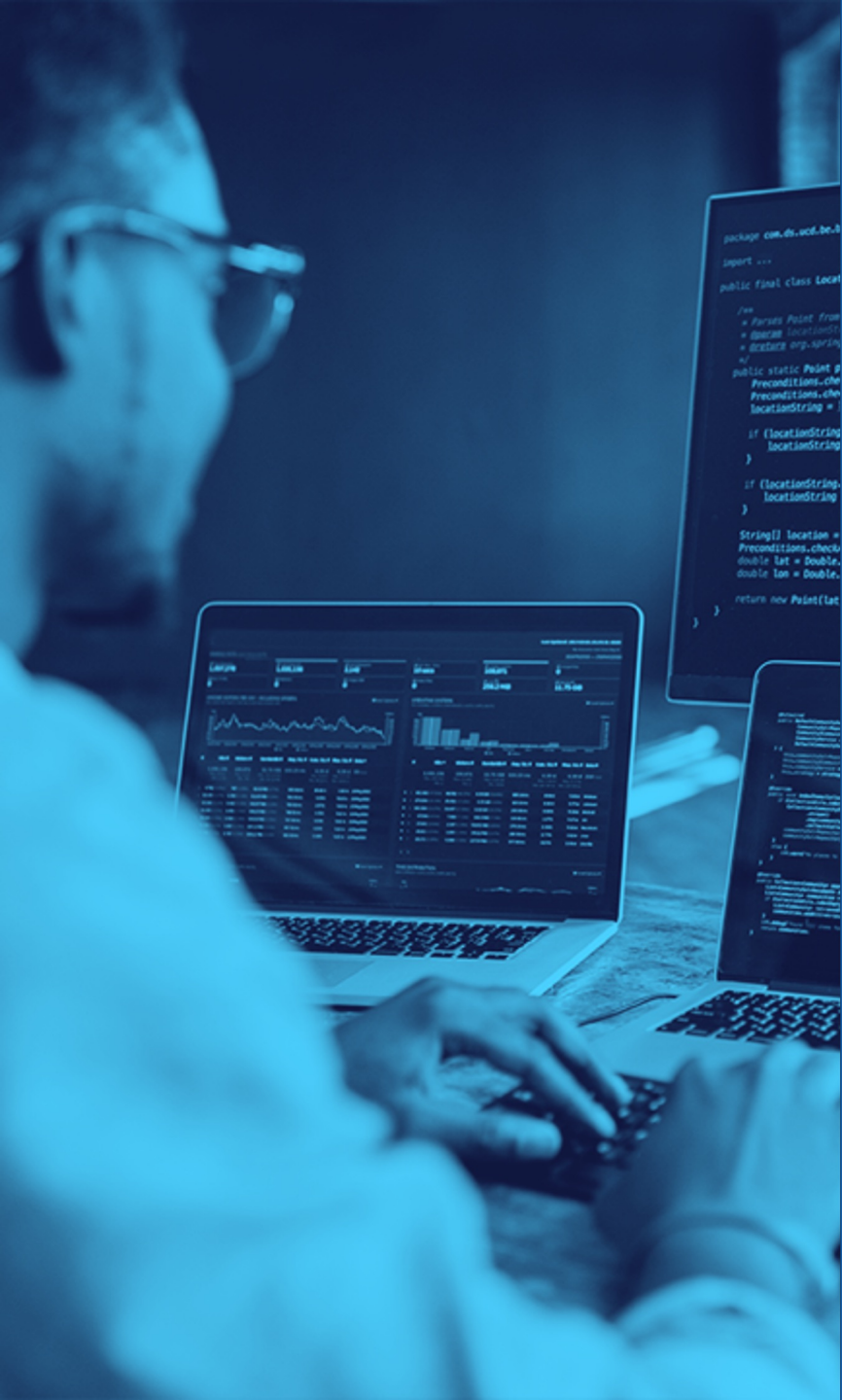
DevSecOps

We are providers of cost effective, user-focused and mission-driven DevSecOps

Section

02 | WHAT WE DO





ACTIVE TECH SOLUTIONS

As BESPIN teams repeatedly deliver value-driven solutions that users love, we are **transforming how the Air Force delivers and uses software to improve the efficiency and effectiveness of airmen.**

Here are the apps we currently have in flight:

- Gearfit
- Kinderspot
- Digital University
- SABER
- Ops Mobile
- MIT Horizon
- BOB-DB
- BEAM
- BIZINT
- DAFBOT
- ETIMS
- AFCEDS
- Guardian One

WHAT BESPIN CAN PROVIDE



Accelerate delivery

Our agile development experts save time and money, with no need for rework.



User-centered design

Our design services ensure that your software meets your needs.



Secure software

Our Continuous Authorization to Operate (cATO) enables rapid and secure delivery.



Automated processes

Our CI/CD pipeline delivers capabilities to a range of software environments.

WHAT WE OFFER

Strategy & Business Operations

The Strategy & Business Operations is an essential piece of the puzzle. The team enables access to all our products.

Mission Delivery as a Service (MDaaS)

MDaaS supports the need for rapid application development. Using modern industry tools, the MDaaS continuous integration/continuous delivery (CI/CD) pipeline enables BESPIN's Continuous Authority to Operate (cATO).

Access Connect Data Connect (ACDC)

AC/DC speeds, simplifies and provides consistent access to data via key features for self-service, automation, API management, authorization/authentication, and security controls.

User Experience Monitoring (UEM)

A cost-effective application monitoring tool suite for the Air Force at the enterprise level, which will allow Airmen to track, monitor, and report (previously uncaptured) application and user data across a standardized set of quantitative and qualitative metrics in one centralized location.

Cloud Operations

Cloud Ops provides application teams with the ability to deploy software from a secure isolated environment on a network that mimics end-user operating environments to production environments using streamlined and time-saving processes.

Design Studio

The Design Studio utilizes a user-centered approach to application design and provides services to help customers understand and simplify complex design problems that require modern technological solutions.



Section

03 | MDaaS - Mission Delivery as a Service



What MDaaS Provides



A modern DevSecOps toolchain based on GitLab for Web, iOS, and Android apps

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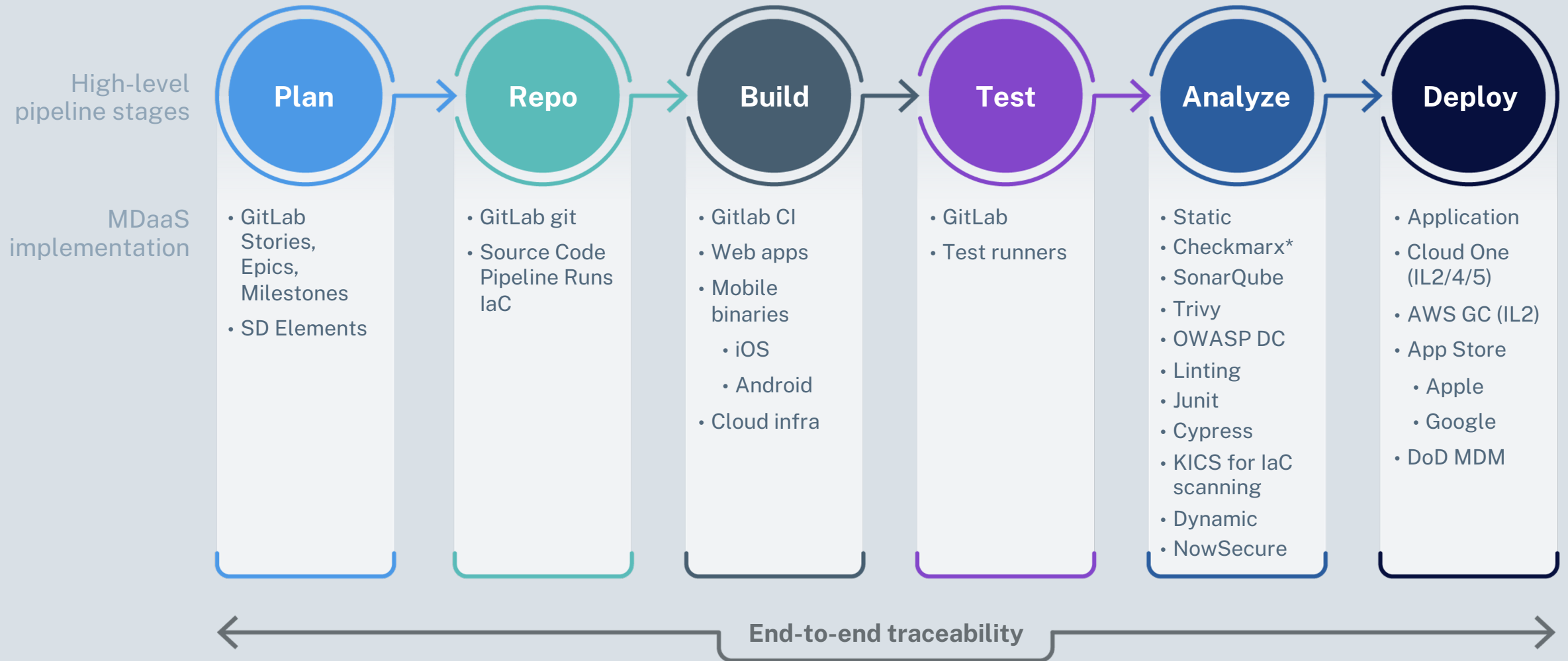
Build, secure, and continuously deliver mission applications to multiple cloud and mobile environments.

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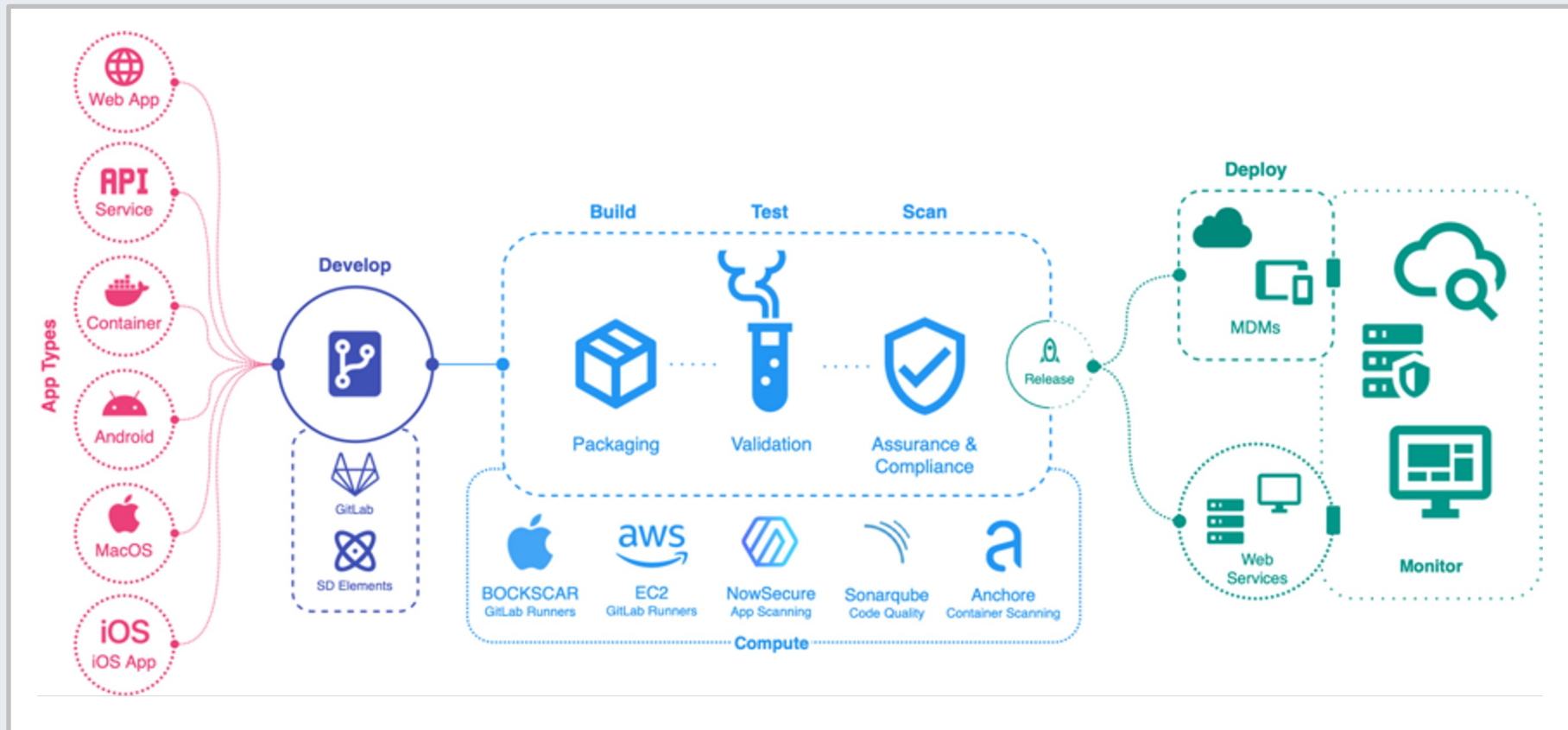


True continuous deployment to Prod for applications meeting the security guardrails of the cATO granted by the AF Director of Cyber Innovation (non-cATO apps can do CD at their AO discretion)

MDAAS PIPELINE



MISSION DELIVERY AS A SERVICE



Section

04 | ACDC - Access Connect Data Connect

ACDC OBJECTIVE

Unlock data behind monolithic systems and **democratize** access to data for all DoD, USAF, PEO-BES and CDO stakeholders to make data accessible via the BESPIN platform.

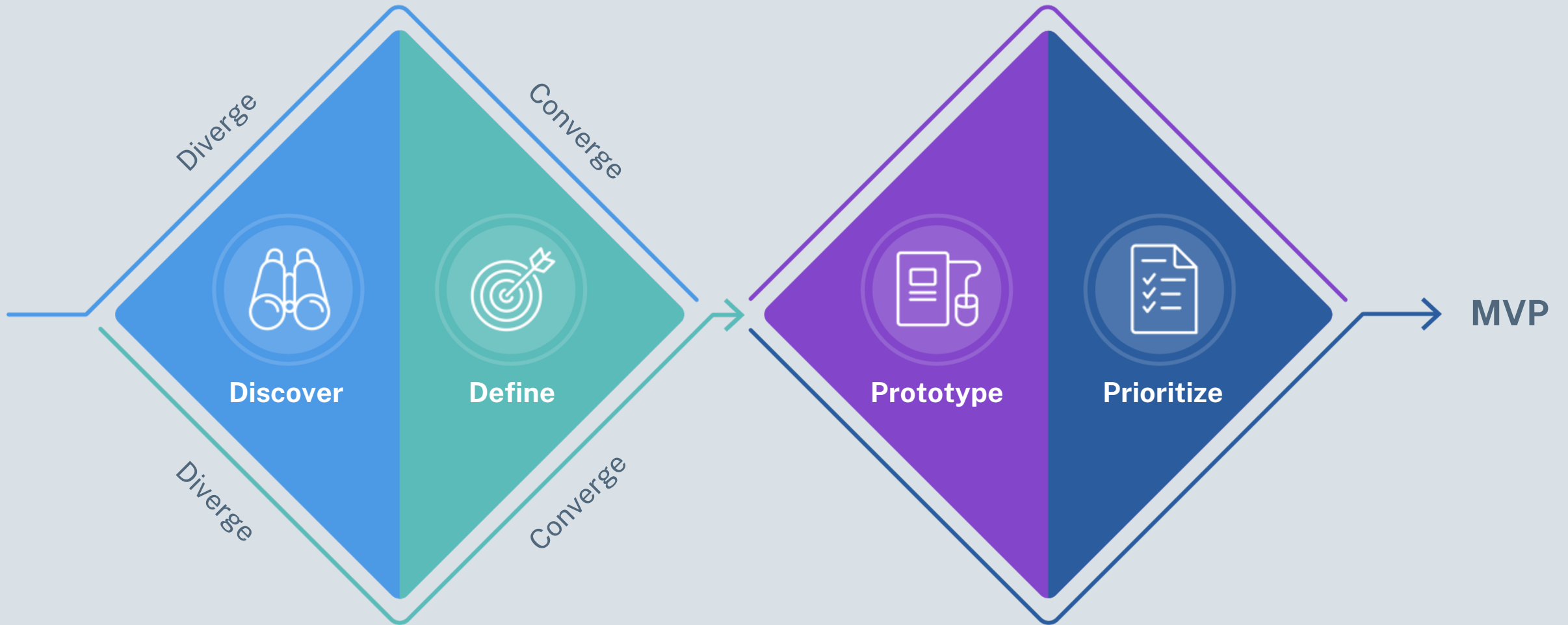
Define, design and develop **shared/common data service catalog APIs** that can easily consumed by the applications to achieve.

- Reduce duplicate application development efforts
- Cost savings
- Reusable and repeatable open standard data API standards
- Bring efficiencies of scale
- Accelerate application migration to cloud with BESPIN

Section

05 | DESIGN STUDIO

DESIGN SOLVES COMPLEX PROBLEMS



HELP US DESIGN STUDIO! (DESIGN FOR HIRE)

Service Offerings



Product Design (Short-Term)

You're our only hope.

- User-Centered Product Development
- Designer/Product Application Support
- R2D2 [Rapid Response Design & Development]
- Design Sprints & Intensive



Product Design (Long-Term)

When you need help getting over the finish line:

- User-Centered Product Development
- Designer/Product Application Support
- R2D2 [Rapid Response Design & Development]

STRATEGY AND CONSULTING

Service Offerings



Product-Design Strategy

Architect a holistic strategy for your product:

- Practice Level Support
- Design Workshops
- Content Strategy, Design, & Writing
- Product (Heuristic) Evaluations
- User-Centered Product Development



Service Design

Improve your organization's products & services:

- Practice Level Support
- Design Workshops
- Content Strategy, Design, & Writing
- Service Design Blueprints
- Team Health Checks

PRODUCT ENABLEMENT TOOLS

Service Offerings



Design Systems

Embed modern designs into your product now:

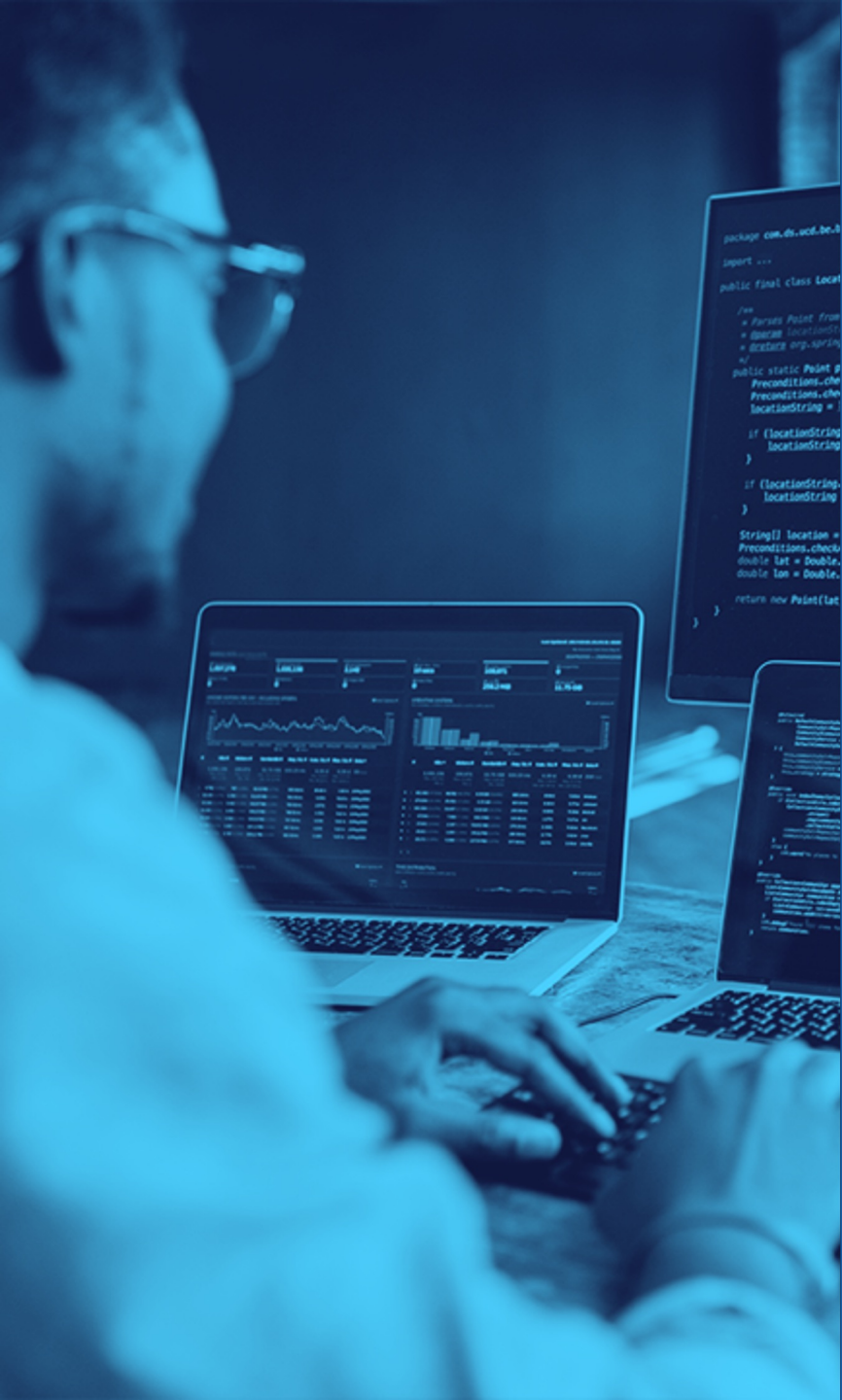
- Design Studio Office Hours
- User-Centered Product Development
- Design System Support
- Designer/Product Application Support
- R2D2 (Rapid Response Design & Development)



User Experience Monitoring (UEM)

Track data across your product & users' experiences:

- Design Studio Office Hours
- Product (Heuristic) Evaluations
- UEM Hands-On Support
- UEM Resources



WHAT IS USER EXPERIENCE MONITORING?

User Experience Monitoring (UEM) is an enterprise service developed by the BESPIN Software Factory as a cost-effective application monitoring tool suite for the Air Force at the enterprise level, which will allow Airmen to track, monitor, and report (previously uncaptured) application and user data across a standardized set of quantitative and qualitative metrics in one centralized location.

THE BESPIN UEM TOOLKIT ROADMAP



Matomo

Web analytics tool (user behavior + app monitoring)



Opensearch

Data visualization dashboard for centralized reporting



User feedback

Real User Sentiment collection and analysis tool



Aternity

Hardware & network-based monitoring



Senior Leader/Enterprise

For all Air Force tools and services, track and monitor:

- Usability scores
- Success metrics



Product Owner/Software Factory

- Track performance of tools and services under my portfolio
- Track common success metrics across my applications



Product Team

- Measure the health and performance of my product
- Report accurate data and success metrics to my stakeholders

Section

06 | CLOUD OPS

WHAT CLOUD OPS PROVIDES



Gov-Cloud

Environments that mimic Cloud
One so you can practice
deploying Infrastructure as Code.



Blueprints

Reference projects that include
examples for CI/CD jobs such
as scans.



Aqueduct

Downstream pipeline that
performs tasks for Docker,
Node, Terraform and Jenkins.

Section

07 | HOW TO GET INVOLVED



HOW TO WORK WITH US

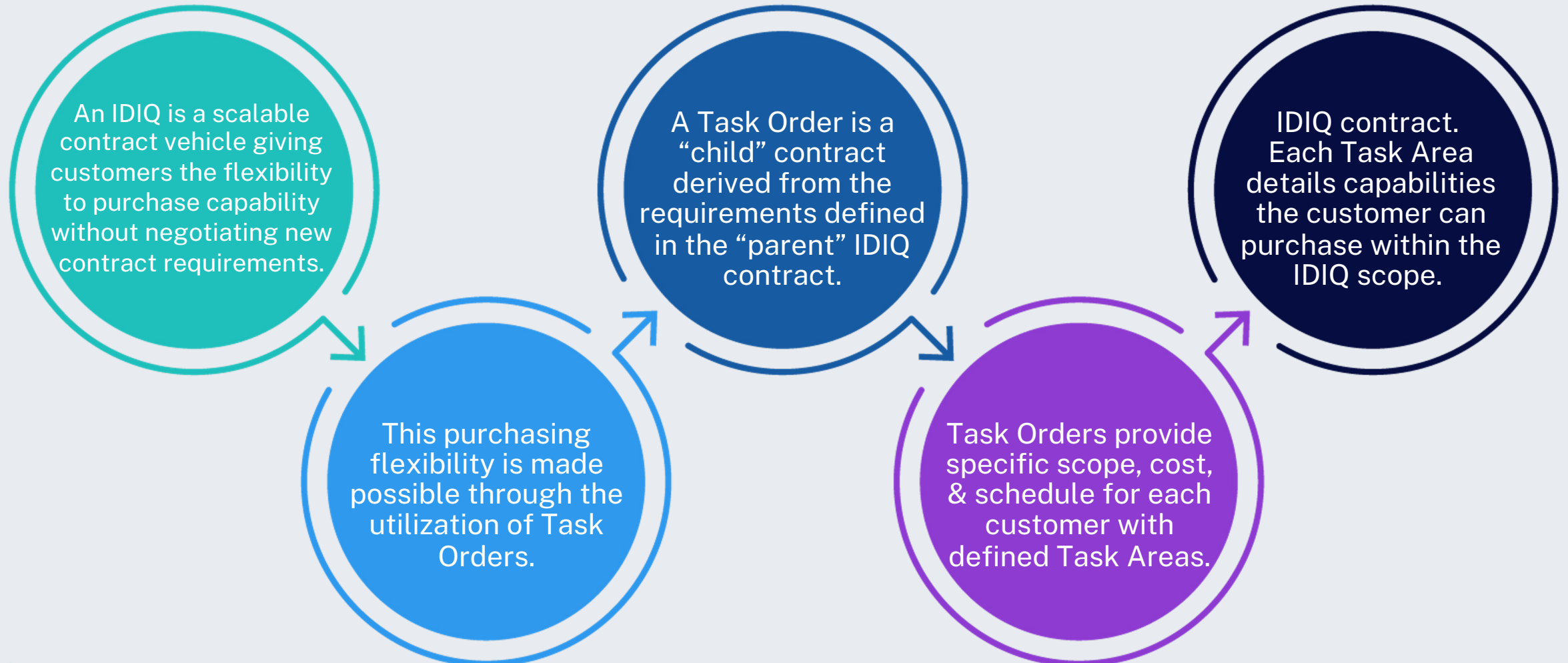
We offer different ways to collaborate, depending on your needs.

Four SBIR III Indefinite Delivery/Indefinite Quantity (IDIQ) contracts serve as BESPIN's contracting vehicles:

- Mission Delivery as a Service (MDaaS)
- Access Connect Data Connect (ACDC)
- Design Studio
- Cloud Ops

These IDIQ contracts are reasonably priced, usable for projects of all sizes, and provide access to relevant, secure and structured development approaches.

BESPIN IDIQ BASICS



**LET'S WORK
TOGETHER!**



How do we get in touch?

Our Customer Engagements Team is the front-door into BESPIN! Get in touch through our website or email us directly:

<http://teambespin.us> info@teambespin.us

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Customer Engagements Team

Our Customer Engagements Team will walk you through a multistep process that starts with understanding the problem and then ending with a recommended and priced solutions all in less than 45 days.

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BESPIN can support a wide range of budgets!

BESPIN's four IDIQ contracts allow us to capture customer requirements, design solutions, and move customers to the cloud. The contracts are reasonably priced, improved for smaller project accessibility, and provide access to relevant, current, secure, pleasurable, and structured development approaches.



**Scan now to connect
to our Customer
Engagement team!**



| Questions?

