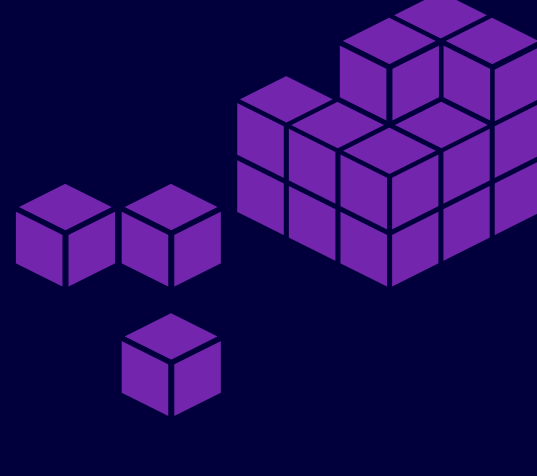


# 4 Steps to Build the Micro Focus Software Factory



**Software factory (noun) [sawft-wair fak-tuh-ree]:** A set of integrated services, processes, and practices that enables organizations who need to transform to plan, build, test, release, and operate software. Particularly useful for traditional IT companies (not cloud native) who need to transform by implementing DevOps to meet today's fast-paced software delivery cycles.

↓ [But how does a traditional IT company create a software factory? Here's what Micro Focus did.](#)

## 1 We aligned expectations and defined the desired end values and results.

We identified values, challenges, and gaps, starting with an evaluation of Micro Focus by the numbers.

<b>Large Install Base</b> 40K+ Customers Worldwide	<b>Broad Portfolio</b> 300+ Products 500+ releases 200+ tickets 1,800+ patches annually	<b>Global R&amp;D</b> 5K+ Engineers 45+ Geos	<b>Delivery at Scale</b> 10M+ LOC scanned daily 100K+ builds 100M+ tests
<b>Hybrid IT</b> Traditional Private cloud Public cloud	<b>Technology Variety</b> Micro services COBOL Mobile Client-server	<b>Large-Scale Infrastructure</b> 113PB storage 19K servers 156K VMs 41K devices	<b>Always On</b> 22K+ Events Managed Per Month

Our desired end values:

- Delivering high quality, secure modern experiences and technologies faster.
- Reducing team silos, redundant tools, and process inconsistency:
  - 30 defect management systems
  - 20 source code management systems
  - 10 artifact repositories
- Collaborating on decisions with the business as well as IT.

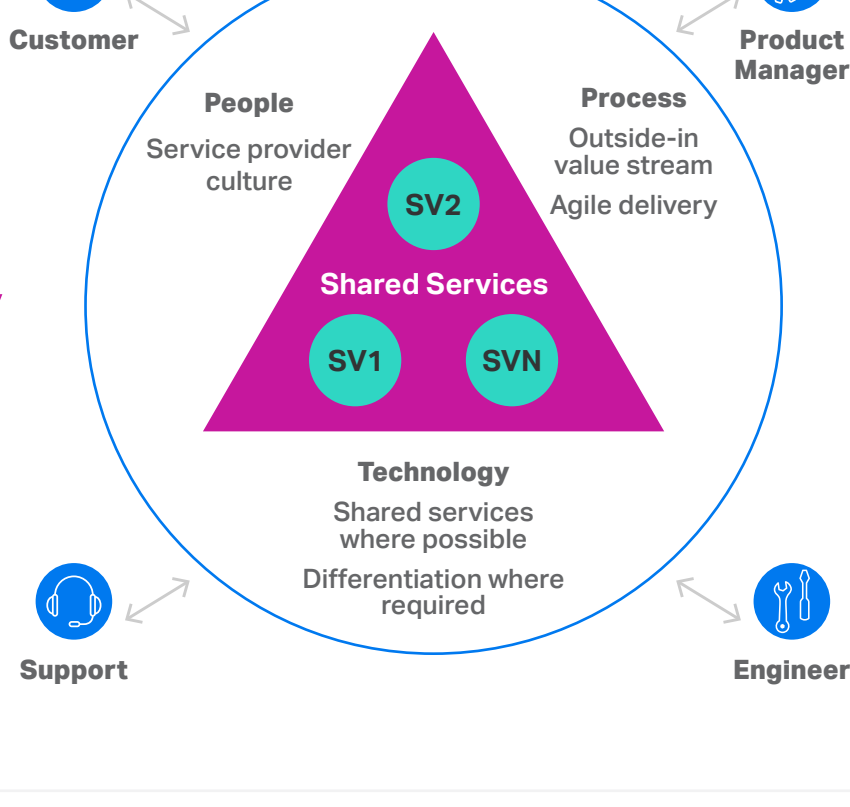
## 2 We took a customer-centric, outside-in approach before we built.

After gathering our data, we worked with customers to align the value streams and outcomes before including technology and tooling. This helped us create services in line with customer needs.

### Value Streams

#### Integrated People, Process, Technology

#### Shared Services



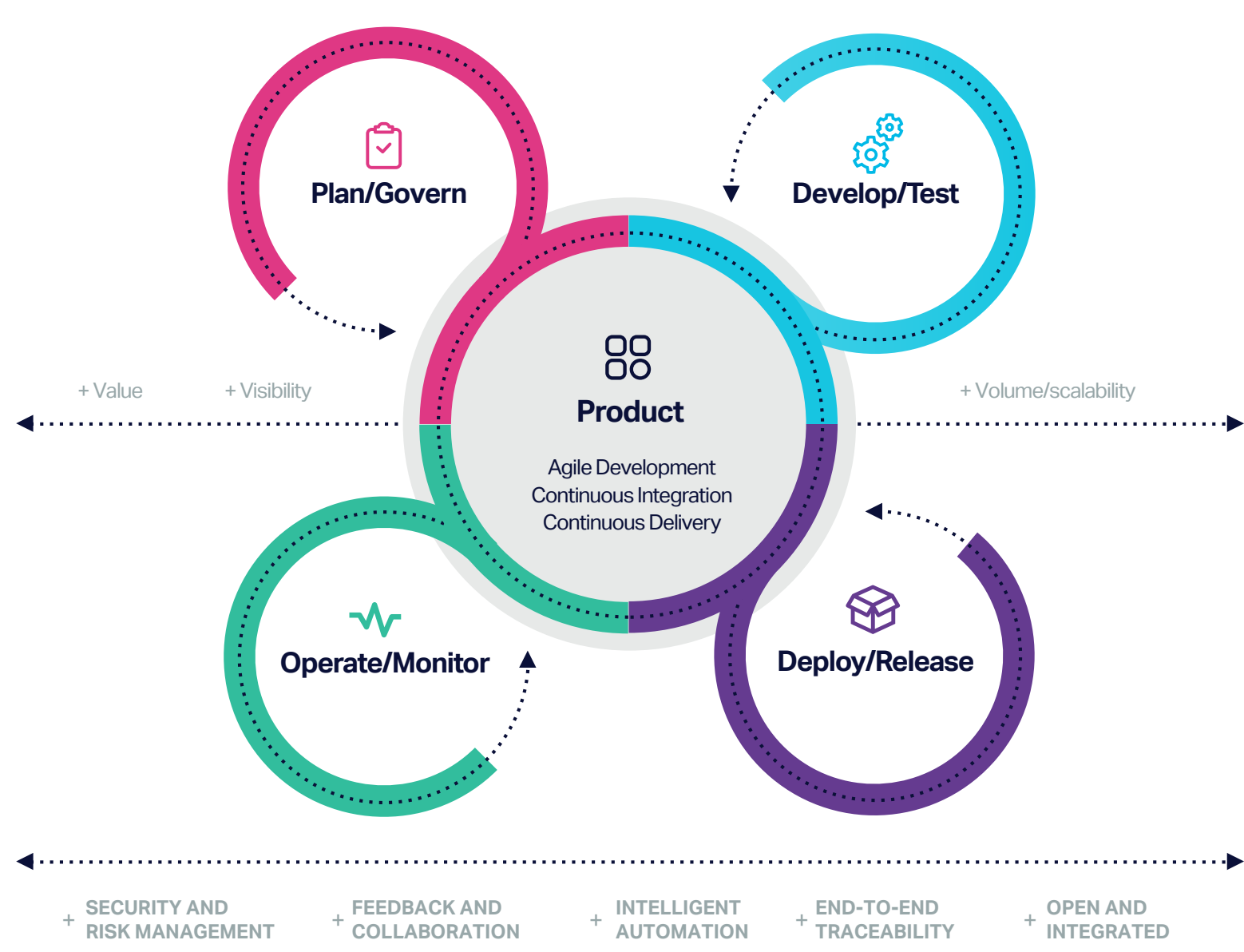
We aligned on a common set of standards:

- Adopt Agile and DevOps practices.
- Provide common value streams. We selected the IT4IT reference architecture as our approach.
- Adopt a shared services approach. Use a common set of people, processes, and technologies wherever possible.

## 3 We delivered a minimum viable product (MVP) and continuously improved.

Micro Focus Software Factory lifecycle:

- Identify two to three services.
- Create an MVP with product team feedback to validate the value and reduce unknowns.
- Learn and improve in short cycles.
- Create a blueprint to make it consumable, fulfillable, and operational.
- Release, communicate, and enable services through the catalog.
- Measure and optimize.
- Identify two to three more and repeat.



## 4 Micro Focus Results

Our Software Factory has driven important results in our digital transformation:

- Increased business alignment
- Faster product delivery and daily code releases
- Increased quality and security with secure development lifecycle (SDLC), governance, and shift-left testing
- Drive down costs through reuse, consolidation, and maximizing buying power

Micro Focus Software Factory with Micro Focus and third-party software

Plan / Govern	Build / Test	Deploy / Release	Operate / Monitor
<b>Portfolio Management</b> PPM	<b>Product Delivery Governance and Analytics</b> ALM Octane		<b>Service Management</b> SMAX
	Requirements Defect Management Releases & Sprints	Backlog Management Quality Management Application Insights	Service Portal Service Request Management Knowledge and Analytics Process and Policy Management
	<b>Build Factory</b> CI Jenkins SCM Git Dimensions Binary Repo Artifactory	<b>Test</b> Functional Testing UFT, Other Performance Testing LoadRunner, Other Security Testing Fortify, Other	<b>Release Management</b> ALM Octane HCM
			<b>Service Assurance</b> Monitoring OpsBridge Security ArcSight Configuration Mgmt CMS and DCA/SA Backup and Restore Data Protector
<b>Supporting Services</b>	Collaboration Wiki, Microsoft Teams	Process Automation RPA	Insights Vertica and IDOL

## Get Started

In developing the Software Factory, we've learned from our own digital transformation—and we're empowered to help you with yours.

Learn more about our **Software Factory** and how you can move forward in your digital transformation.

[Contact Us](#)