Appian

The Digital Transformation Platform

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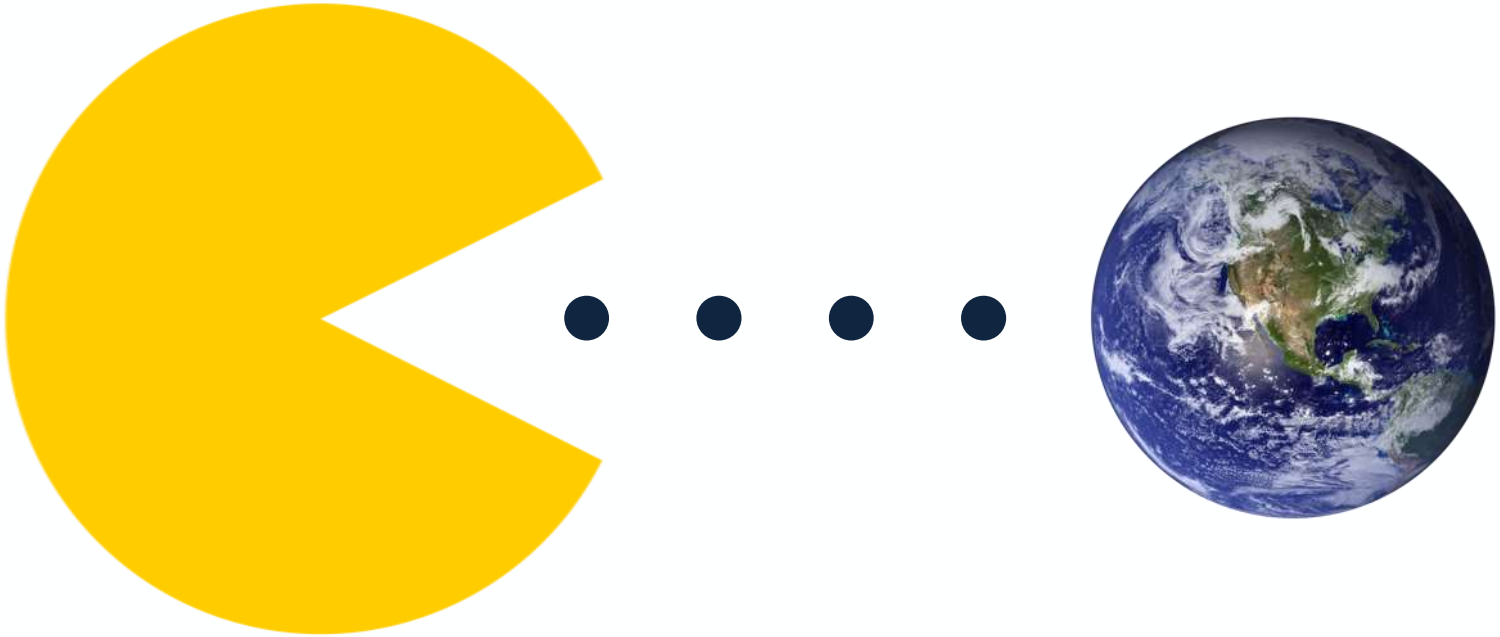
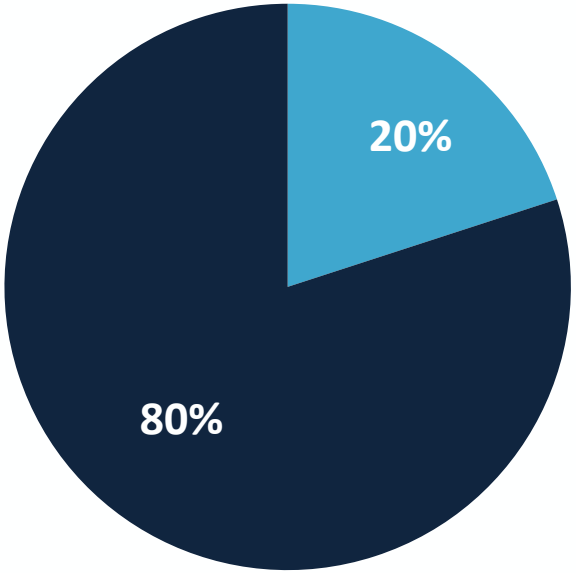
“Software is eating the world.”

To succeed, **every organization** must become a software company.



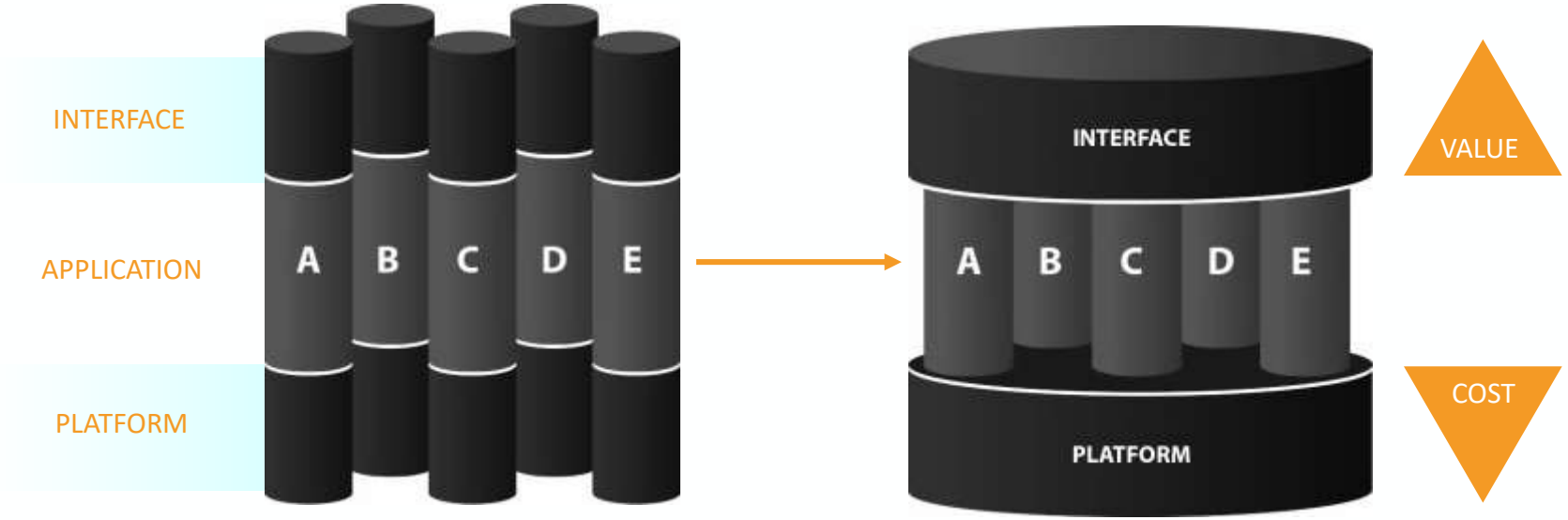


Existing systems consume 80% of IT resources

Insufficient agility & flexibility

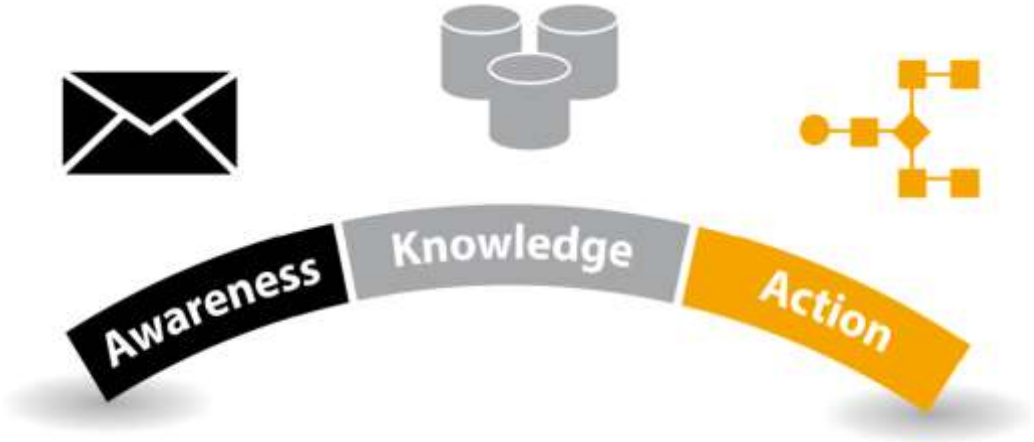
Silos

Scarce developer resources



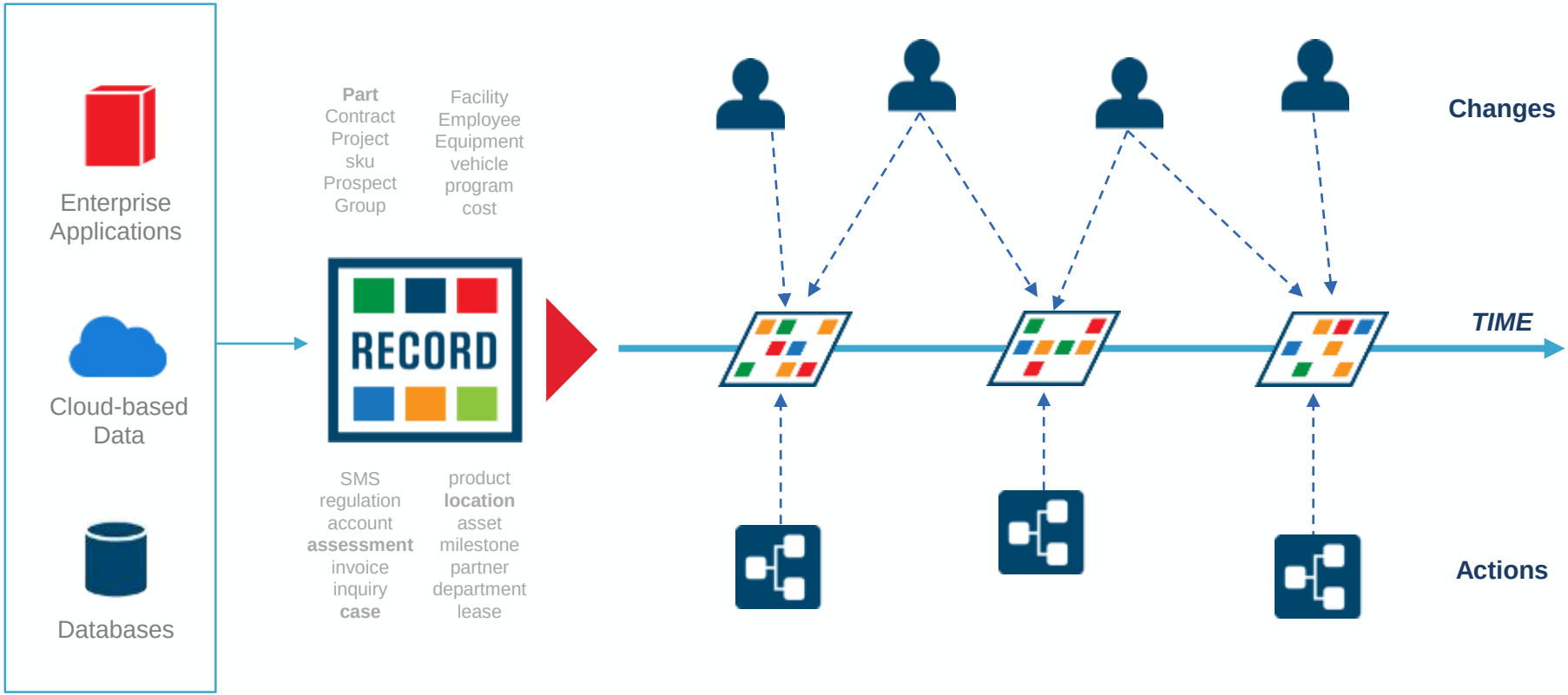
integrated application platform

integrated decision cycle

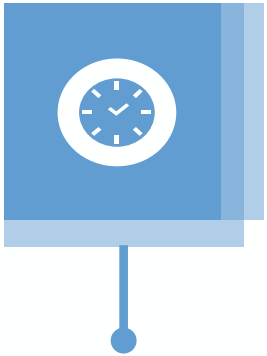


Powerful applications need smart processes **and** smart data

What's your business? Manage its journey.



Expectations

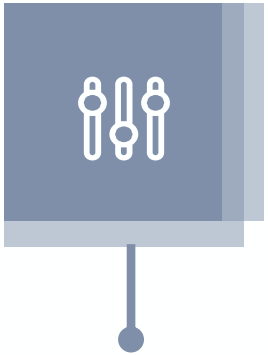


Build it Quick

- A viable product deployed in 90 days

Build it Well

- Attention to detail and quality has to be built-in, not added on



Make it Dynamic

- Designed with a flexible architecture to accommodate changes

Make it Beautiful

- Effective design patterns

Appian

Appian is the platform for digital transformation.

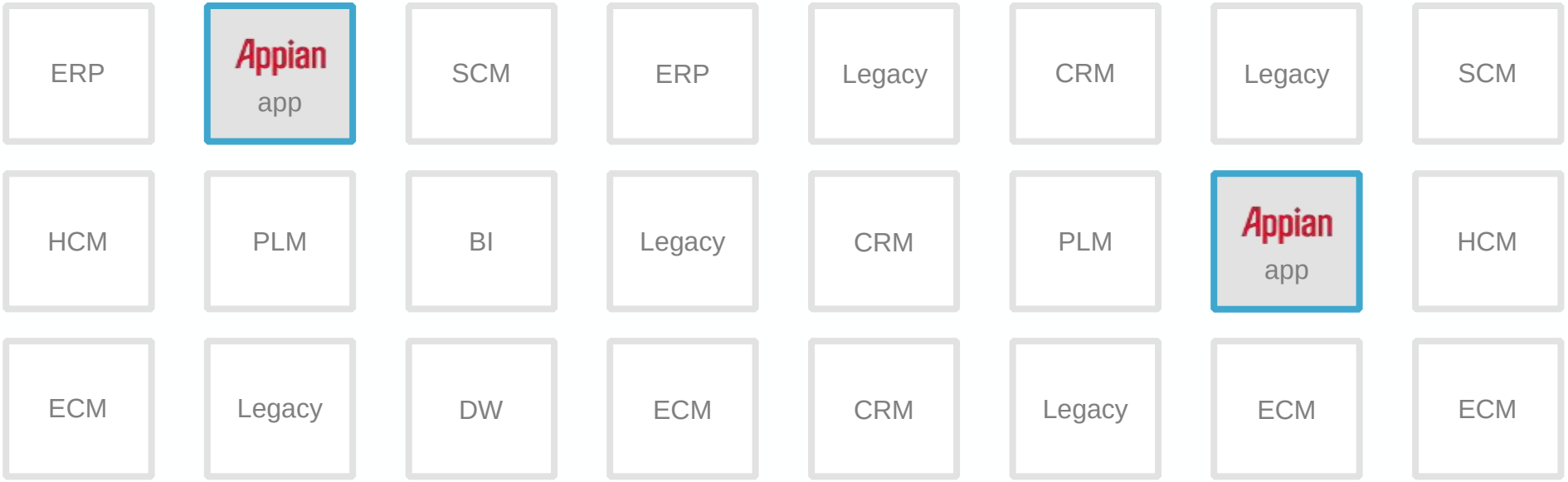
(We make it **easy** for you to build and run enterprise-grade software.)

Faster

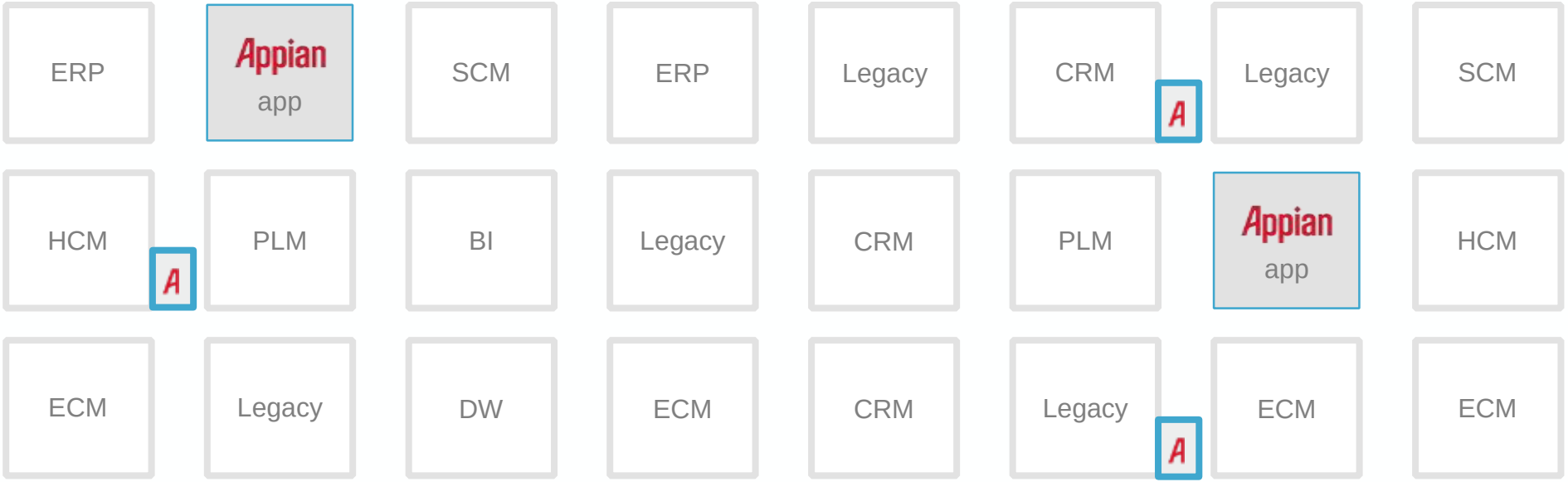
More Agile

More Innovative

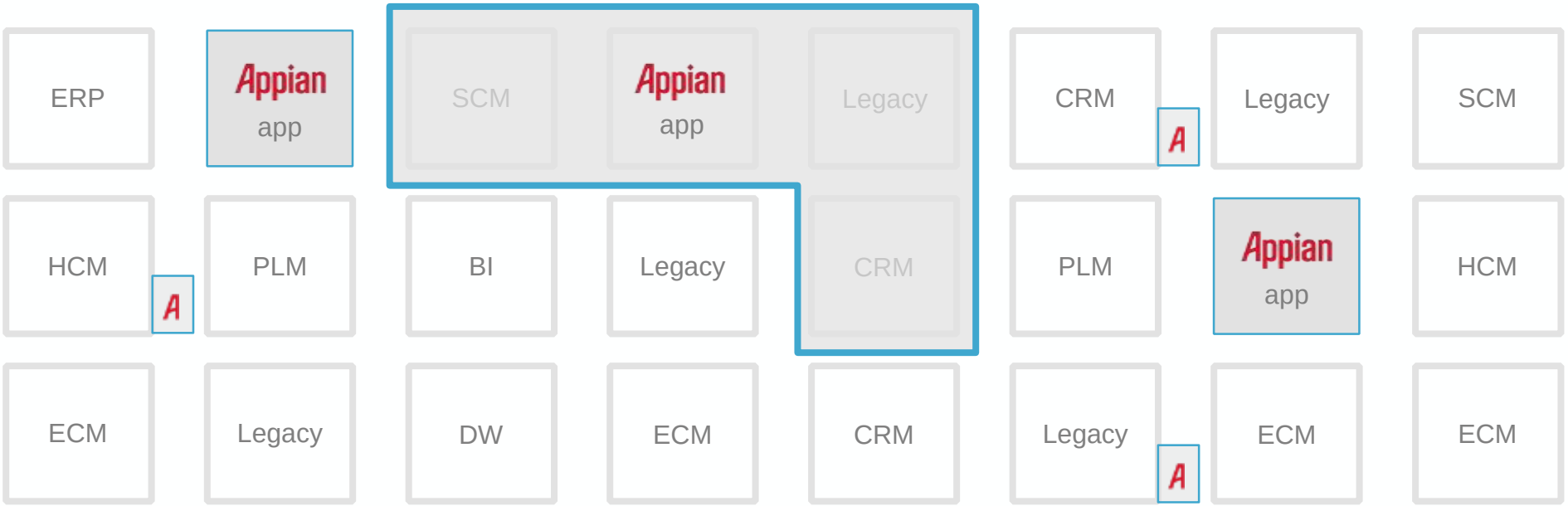
Appian



1 Build significant new apps **10x faster**.



2 **Extend existing systems** with new processes.



3 **Connect and unify** existing applications.

Traditional COTS System Delivery

Sample DoD Use Cases with Appian

Investigative & Intelligence Case Management	Warfighter & Family Services	Regulatory and Statutory Compliance	Incident and Crisis Management	Mission Support	Business Processes
• Criminal Intelligence • Security Clearances • Continuous Evaluation • Fraud Waste & Abuse • FOIA • Congressional Inquires • Security Violations • Military & Applet Courts and Appeals	• Military Housing • Military Schools • Review Board • 311 Non-Emergency • Family Advocacy • Family Readiness • Chaplin Services	• Budget - POM • Audits • Inspections • Governance • Risk Mgmt • Regulatory Compliance • Environmental & Safety Compliance • Legislative Affairs • Public Affairs • Occupational & Environmental Health	• Cybersecurity Audit • Cybersecurity Incident Response • Emergency Management • Safety Incidents • Fire Safety • Insider Threat • National Disasters • Man Made Disasters • Chemical & Technological Disasters • IoT	• Workforce Readiness • Workforce Management • Mission Planning • Workforce Training • Field Service Management • Fleet Management • Asset Management • Maintenance, Repair and Operations (MRO) • Logistics	• Acquisition • Planning & Budget • Correspondence & Task Mgmt • Human Resources / Human Capital • Asset Mgmt • Travel • Military Recruiting • Grant Mgmt • Facilities Mgmt • Real Estate • Visitor Access • Small Business Programs

Available Appian Accelerators

- Correspondence and Tasking Management
- Document Routing and Approval Management
- Fleet Management
- Asset Management
- **HR Suite**
- Enterprise System Management
- Quality Management
- Space Provisioning
- IT Equipment Provisioning
- Position Description Management
- Secure Case Management
- Contract Writing
- Acquisition Planning
- Grants Management
- Audit Process Management
- Enterprise Risk Management
- Program Risk Management
- Entity, System, and Process Audit
- Project and Program Management
- Building Management
  - Field and Site Inspections

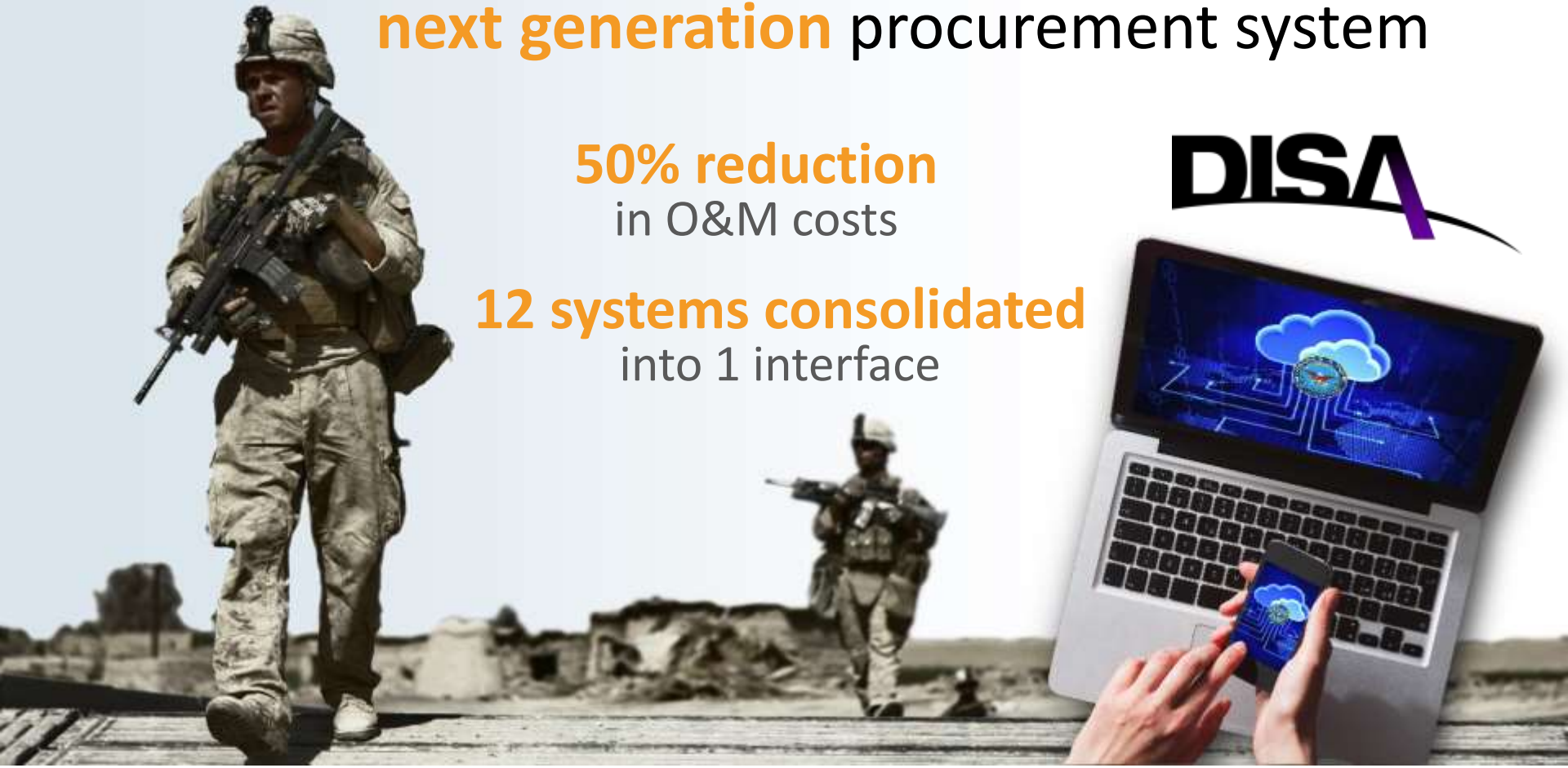
single integrated platform

next generation procurement system

50% reduction
in O&M costs

12 systems consolidated
into 1 interface

DISA



Case Study: US Air Force Sustainment Center

About Air Force Sustainment Center (Robbins AFB):

Performs maintenance and support services for a variety of US Air force weapon systems.

Business Problem:

Sought to improve process and data visibility, increasing employee collaboration, and reducing process cycle times, particularly in the area of improving worker safety.

Appian Solutions

Hazard Reporting Tool

- Draws attention to dangerous conditions and spur corrective action
- Allows for both employees and management to see real time status of reports
- Automatically escalates reports if left unattended for 24 hours
- Calculated projections estimate savings of up to 7 million dollars in labor efficiencies from the Appian platform.
- Also using Appian for a broad range of internal business processes, supporting 1,200 users for SMXG's core missions

USAF SMGX Appian Apps (Deployed)

1. **Workload Requirements Definition** – Used by SMXG customers to submit RFQs and accepts proposals
2. **Automated Awards Tool** – Used by SMXG to route Notable Achievement Awards and Time-Off Awards thru chain-of-command for approval
3. **SCI Request** – Used by SMXG to request Top Secret clearance
4. **Lab Visit Request** – Used by SMXG to schedule lab visits
5. **IT Approval To Purchase** – Used by SMXG to route IT related purchase requests thru Information Assurance Managers and to the IT dept to receive approval to begin purchase
6. **USB Device Registration** – Used by SMXG to route requests to register USB devices for approval for use on AFNET
7. **SW Install Request** – Used by SMXG to submit tickets for SW installs to UCSO
8. **Enclave Configuration Control Board** – Used by SMXG to submit change requests for enclave networks to virtual board for approval
9. **Voluntary Reassignment Program** – Used by SMXG employees to submit request for reassignment for career broadening within SMXG
10. **A3 Problem Solving Process** – Used by WR ALC implement the AF 8 Step Problem Solving Process
11. **Hazard Reporting Tool** – Used by RAFB to submit hazards identified on base to Air Base Wing for resolution
12. **Risk Management Tool** – Used by SMXG Project Managers to identify, track, and analyze project risks
13. **Process Change Request** – Used by SMXG employees to submit change requests for processes
14. **Tools Team Help Desk** – Used by system users to submit help desk tickets, report bugs, and submit recommendations for improvement

USAF SMGX Appian Apps (In Dev / Test)

1. **Strategic Workload Management –** Used by SMXG to identify and track potential new workloads
2. **Talent Management –** Used by SMXG to on-board and off-board employees
3. **Mishap Reporting –** Used by WR ALC Safety Office to track and manage mishaps reported
4. **Quality Assurance Tool –** Used by SMXG Squadron Quality Assurance personnel to create checklists and execute audits
5. **Project Management Dashboard –** Used by Project Teams to view work orders (integrated w/ external system), risks, work products, defects, requirements, audits, val/ver events, weekly activity reports
6. **Weekly Activity Report –** Used by project team to submit project activities for the week to chain-of-command for review
7. **Squadron Management Dashboard –** Used by Squadron Dirs to view work orders (integrated w/ external system), staffing plans, project status, etc
8. **Validation/Verification Event Management –** Used by SMXG Project Teams to plan, execute, and record results from Val/Ver Events
9. **Negotiated Grievance Process –** Used by Air Base Wing to manage grievances
10. **Arbitration Management Process –** Used by Air Base Wing to manage arbitrations that result from unresolved grievances

Appian

Case Study: Defense Acquisition University

About DAU

Provides training and continuous education to military and civilian acquisition professionals

Challenge

CFO mandate to “run DAU like a business”

- Process standardization & policy enforcement
- Operational efficiencies
- Real-time data access

Appian Solution

Central Business System

- Purchase Requests, Training Requests, Invoice Tracking, Suspense Tracking, On-boarding/Off-boarding, Hiring and Transfer Actions
- Automated enforcement of all DAU policies
- 50% reduction in on-boarding time
- Reduced requisition processing times
- Real-time report generation on KPIs

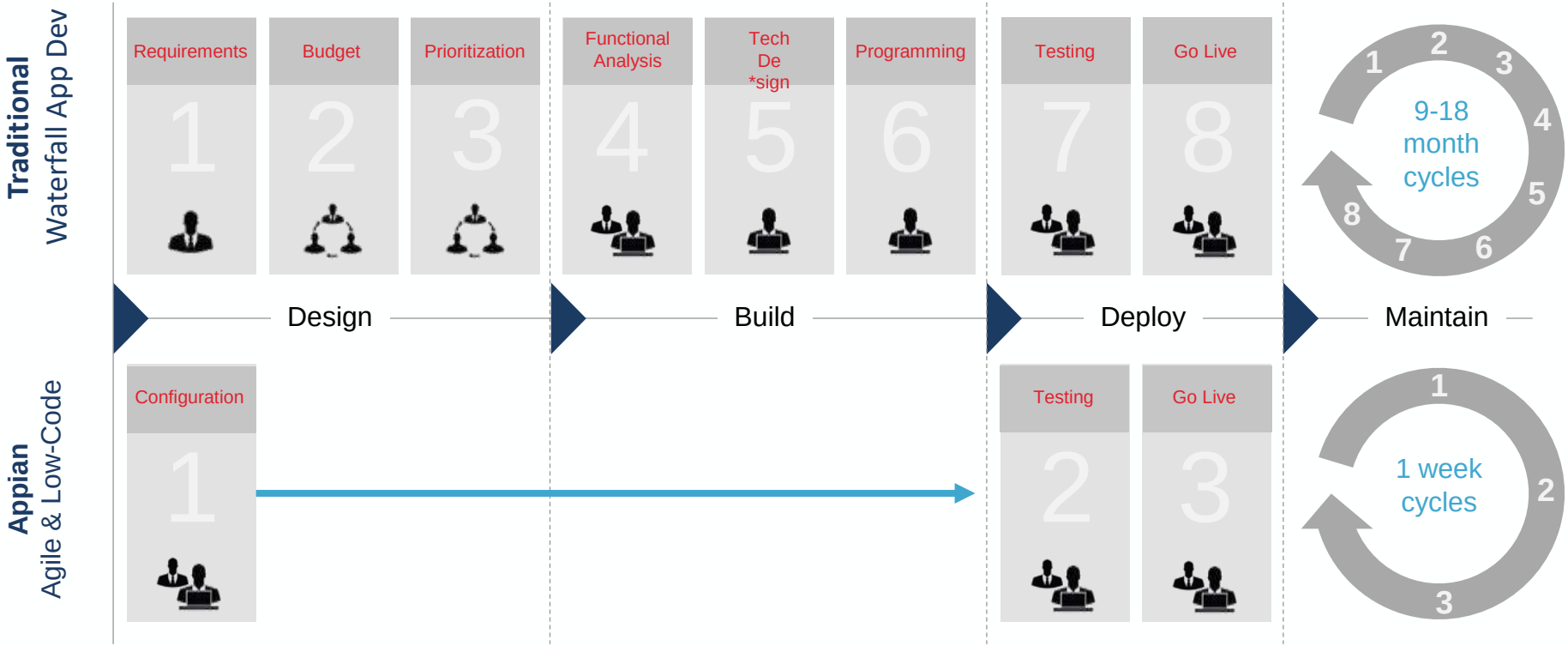
“Appian provides a state-of-the-art tool for financial controls, collaboration, and performance reporting across the DAU.”

- Mark Whiteside, Performance and Resource Management Director (CFO)

Speed to success

"Appian projects are agile, its time to solution is the fastest among all vendors, and its projects require fewer internal and external resources."

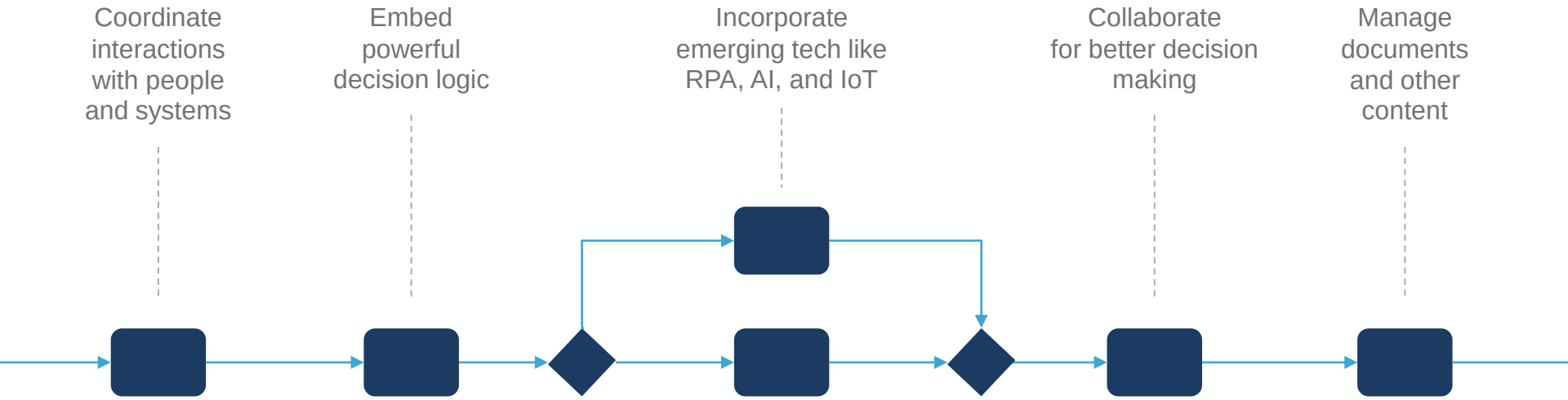
Business and IT working together



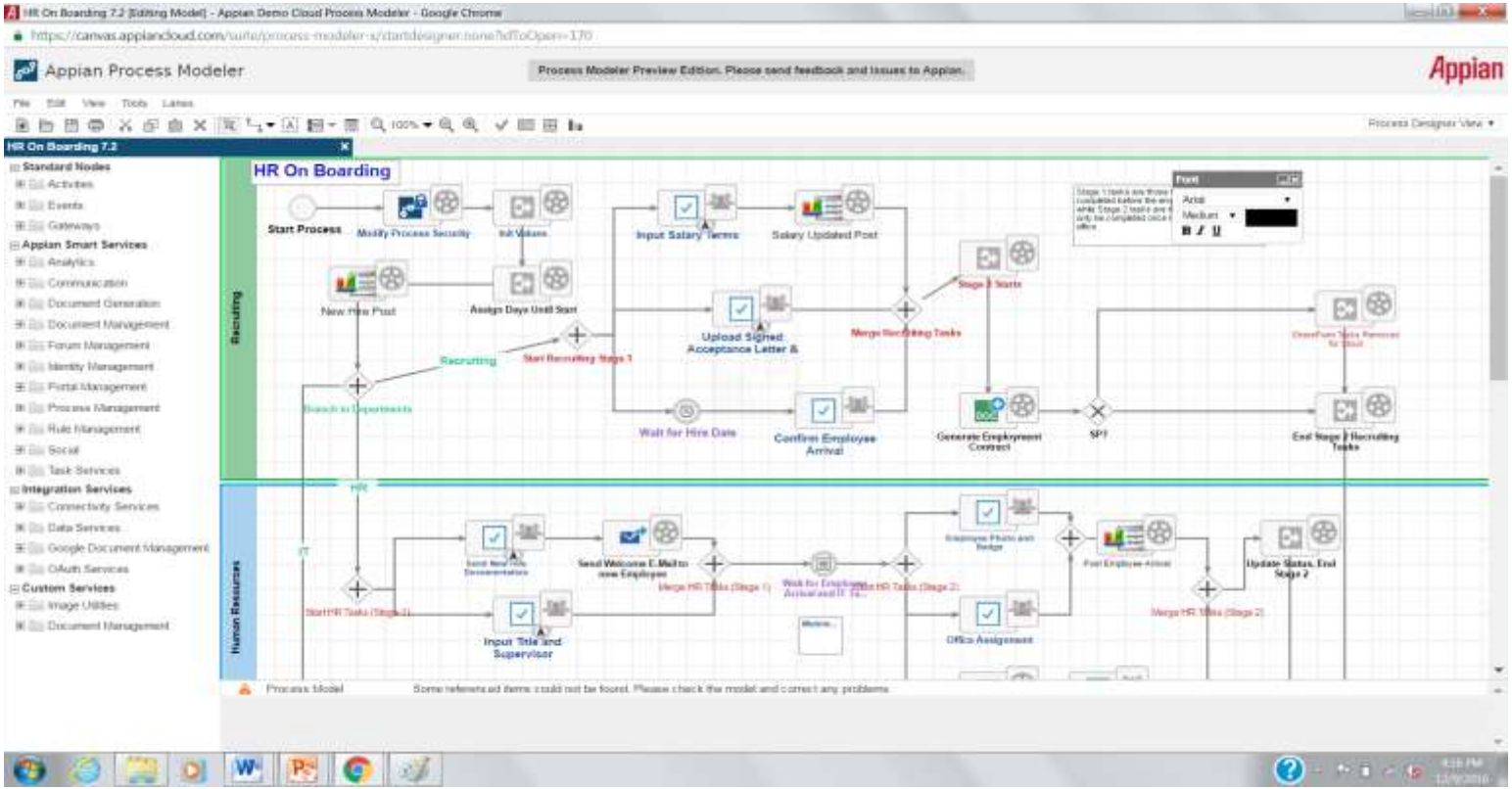
Source: Adapted from Forrester, A Low-Code manifesto for Speeding Up BPM Initiatives

Manage end-to-end processes without limitations

Automate any process with **ZERO** custom code.



Appian Process Design



Intelligence and awareness, out of the box

Monitor

Complex event processing for real-time tracking, analysis, and response

Report

Comprehensive visibility into business operations

Optimize

Self-optimizing processes eliminate bottlenecks and inefficiencies

Audit

Complete audit trails instantly available for all system activities

Access everywhere, deploy anywhere

Beautiful, flexible user experience

Web and mobile – automatically

Run in the Cloud or on-premises

Enterprise-grade

Mission-critical

Proven scalability and performance for mission-critical applications

Governed

Unified governance layer ensures data quality and security, and empowers business and IT with reusability

Secure

Reliable

BEST-IN-CLASS

99.99%

AVAILABILITY

15 minute RTO with high availability

99.95% SLA

Happy customers

"Appian customer references indicated a **higher degree of satisfaction** with the Appian platform, compared with other vendors surveyed."

The Digital Transformation Platform.™