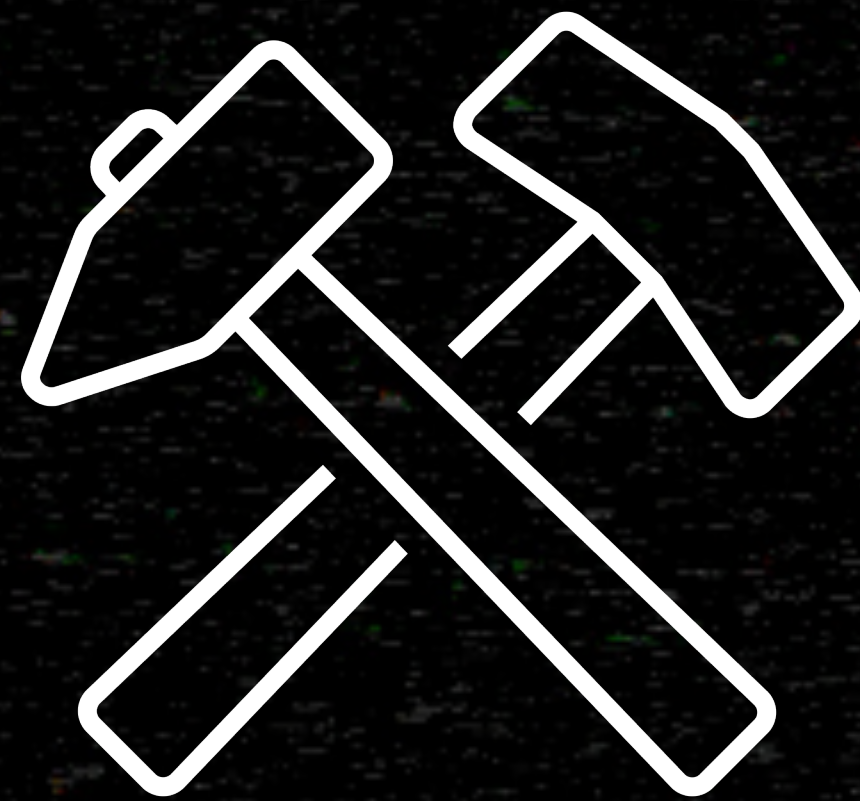# Intelligent ^Security Automation

Krista

It's challenging to find the brightest star in the sky.

# Or, the most critical security alerts.

Krista

27% cybersecurity professionals say that their security products generate high volumes of security alerts.

Krista

35% of cybersecurity professionals say that the biggest challenges associated with managing an assortment of point tools is that it makes security operations complex and time consuming.

Krista

How many security tools do you use?

50%
40%
30%
20%
10%
0%

10 - 25   26 - 50

■ Individual Security Tools

Krista
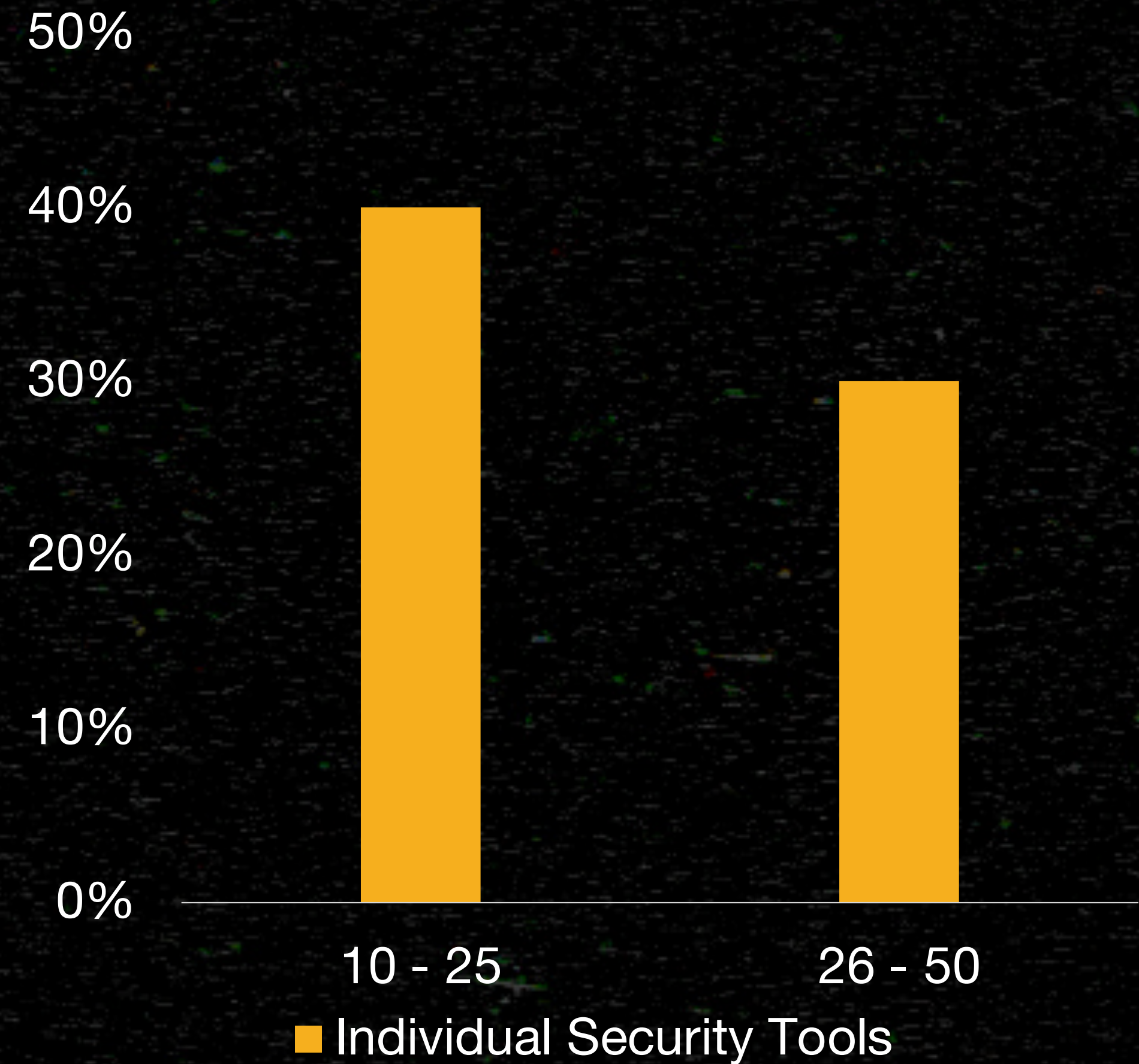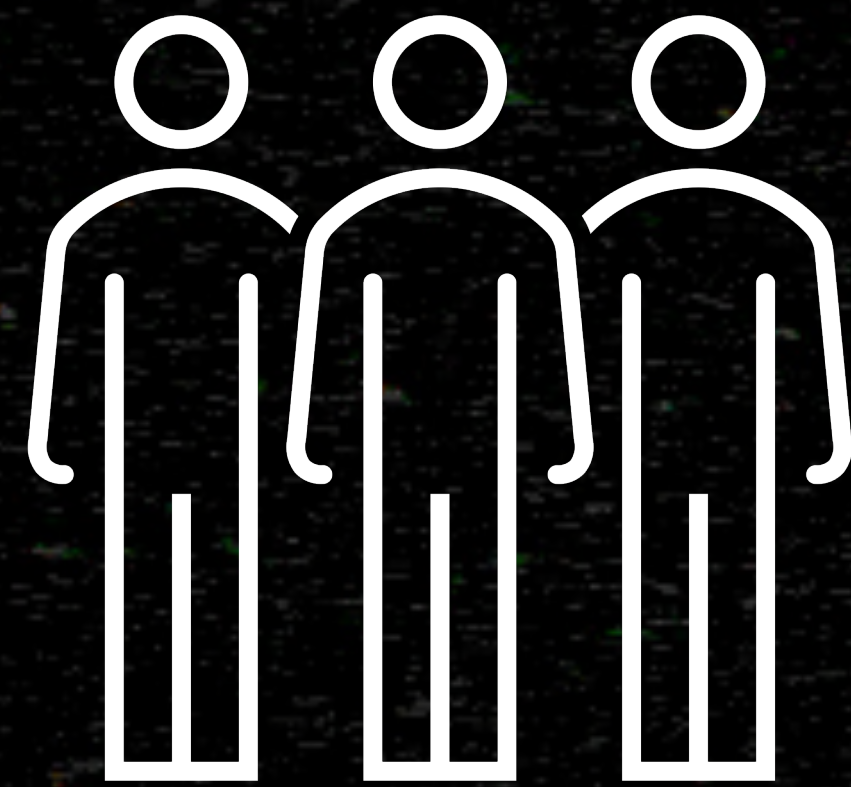
51% of organizations have a problematic shortage of cybersecurity staff and skills, so there simply aren't enough people for the necessary care and feeding of all these security tools.

Krista

Are you looking for cybersecurity talent?

Krista

Set alert 〇

Sr. Developer - Cybersecurity

Blue Cross and Blue Shield of Illinois, Montana, New Mexico, Oklahoma & Texas ·
Dallas, TX (On-site)

Sr. Developer - Cybersecurity

Blue Cross and Blue Shield of Illinois, Montana, New Mexico, Oklahoma & Texas · Dallas, TX (On-site)   6 days ago

- Full-time

- 10,001+ employees · Hospitals and Health Care

- 2 connections · 63 school alumni

- Actively recruiting

2 connections work here

Promoted · **0 applicants**

Apply ↗   Save

Business Development Executive – Cybersecurity Practice

ISG (Information Services Group)
United States (Remote)

◻ Top applicant

Promoted · **17 applicants**

Description

As the health care industry continues to rapidly transform, our IT team conceives, develops, and delivers impactful technology solutions to support access to quality, affordable health care for our members. We are driven by our collective company purpose: To do everything in our power to stand with our members in sickness and in health®. Our IT team unleashes the power of this purpose through technology. We come to work every day to make a difference, and we deliver the highest quality and best solutions to our members.

Senior Developer Relations Manager, SASE Cybersecurity

NVIDIA
Santa Clara, CA
$148K/yr - $203K/yr (LinkedIn est.)
· Medical, Vision, Dental, 401(k), +1 benefit

1 connection works here

Promoted · **1 applicant**

Krista

Sr. Developer - Cybersecurity

Blue Cross and Blue Shield of Illinois, Montana, Ne...

Apply ⧉   Save   •••

Sr. Developer - Cybersecurity

Blue Cross and Blue Shield of Illinoi
Mexico, Oklahoma & Texas
Dallas, TX (On-site)

2 connections work here

Promoted · 0 applicants

**Business Development Execut
Practice**

ISG (Information Services Group)
United States (Remote)

🟫 Top applicant

Promoted · 17 applicants

**Senior Developer Relations Ma
Cybersecurity**

NVIDIA
Santa Clara, CA

$148K/yr - $203K/yr (LinkedIn est.)
· Medical, Vision, Dental, 401(k), +1 ben

1 connection works here

Promoted · 1 applicant

Job Purpose: As a Senior Developer, you will be working alongside the Service Layer team supporting cybersecurity development initiatives. This includes building custom backend workflows, integrating APIs, leveraging test driven development, and maintaining existing and new applications. You will become familiar with multiple programming languages functioning under an Agile delivery methodology.

Required Job Qualifications

- Bachelor Degree and 4 years Information Technology experience OR Technical Certification and/or College Courses and 6 year Information Technology experience OR 8 years Information Technology experience.
- Possess ability to sit and perform computer entry for entire work shift, as required.
- Possess ability to manage workload, manage mutliple priorities, and manage conflicts with customers/employees/managers, as applicable.
- Experience in traditional app languages (COBOL / Perl / C).
- Experience in scripting languages (BASH / PERL / PYTHON / RUBY).
- Experience in application / product feature design.
- Experience in integration technologies (Tibco/Informatica/CAS).
- Experience in mobile technologies (HP Anywhere / iOS / Android / Java / HTML5).
- Experience in service oriented architecture (SOA).
- Experience in web technologies (HTML/CSS/Java/ASP.Net/PHP/Ruby/C).
- Experience in cloud computing technologies (SaaS / IaaS / PaaS).
- Experience in application configuration.
- Rapid prototyping.
- SDLC Methodology (Agile / Scrum / Iterative Development).
- System performance management.
- Systems change / configuration management.
- Business requirements management.
- Problem solving /analytical thinking.
- Creative thinking.
- Ability to execute.
- Travel availability up to 20.

Preferred Job Qualifications

- Bachelor Degree in Computer Science or Information Technology.
- Cybersecurity Experience.
- CA

Krista 💬

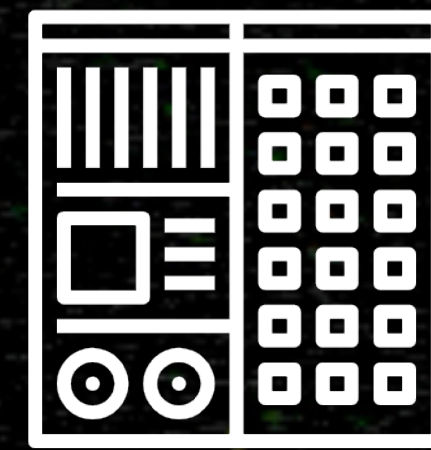Too many tools,
producing too many alerts
for too few people.

Krista

How well can you embrace tech?

$$f_x \left(\text{Number of Process Steps and Decisions}, \text{Number of Systems}, \text{People involved} \right)$$
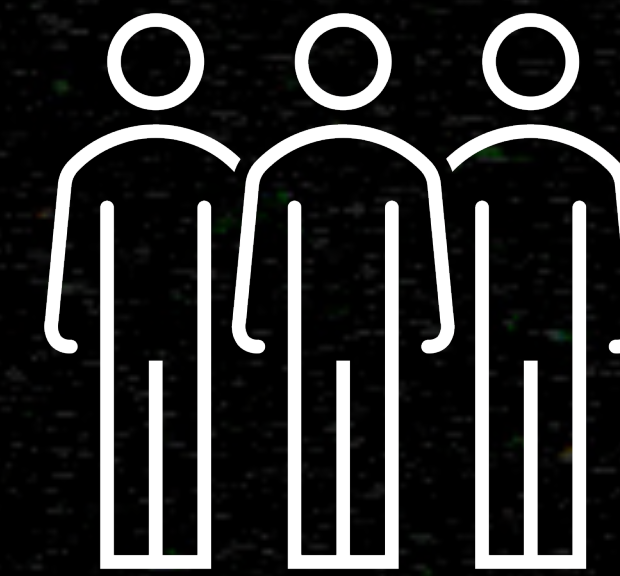
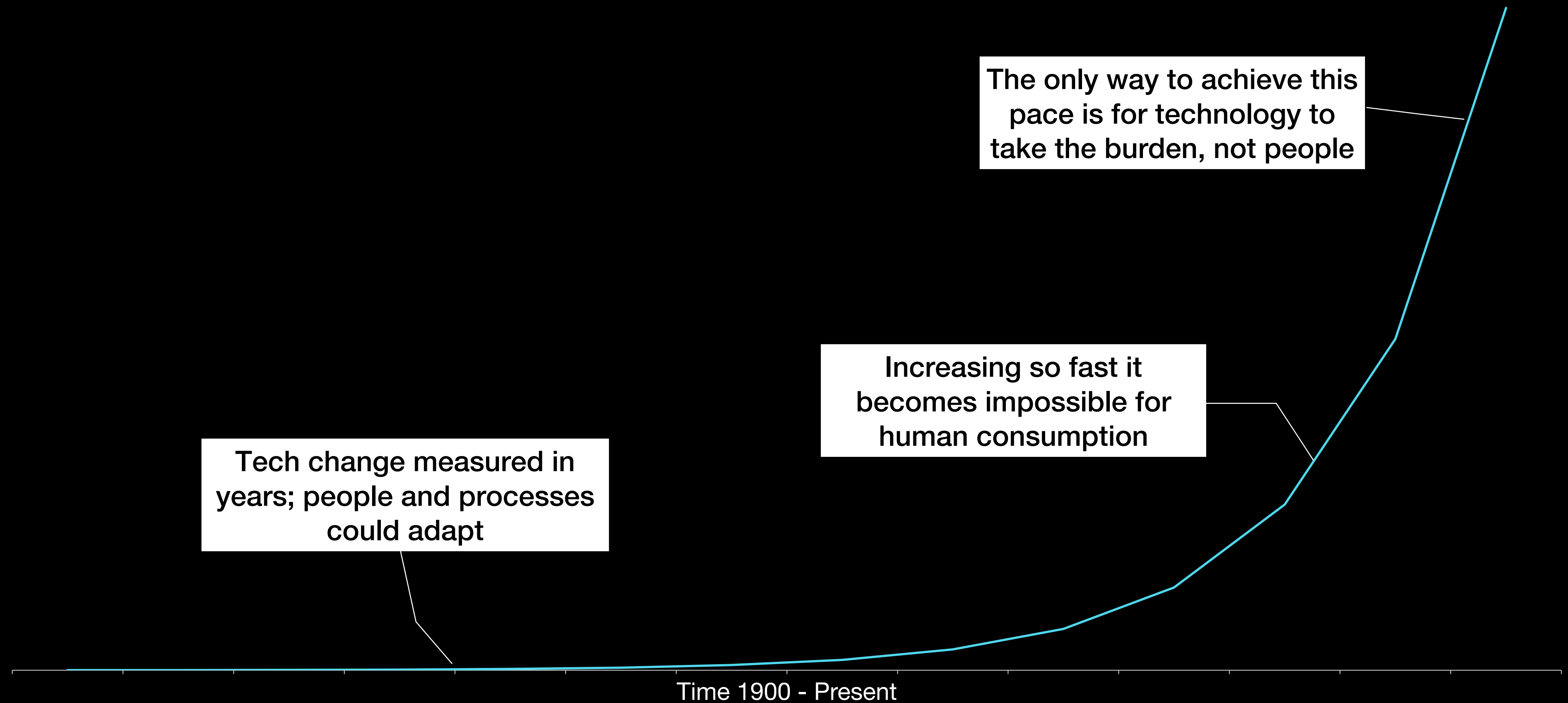Adaptability   Number of Process Steps and Decisions   Number of Systems   People involved

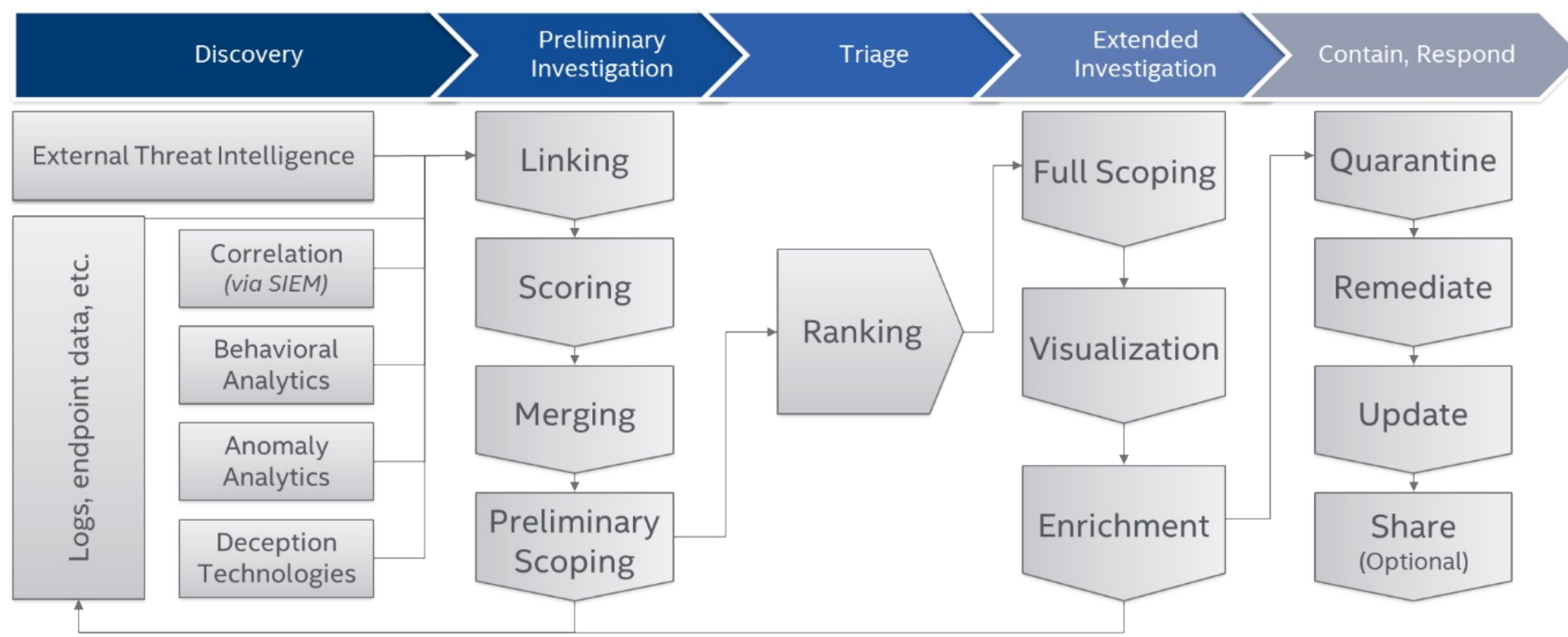Krista

The mission isn't to make existing tasks go faster...

Krista

...it's to transform outcomes.

.Krista

# Technology is outrunning human capacity

Rate of technology change

The only way to achieve this pace is for technology to take the burden, not people

Increasing so fast it becomes impossible for human consumption

Tech change measured in years; people and processes could adapt

Time 1900 - Present

Krista

You need to automate complete processes not just point tasks.

McAfee

Krista

Employees must be able to implement changes so not to <mark>wait in the backlog.</mark>

Krista
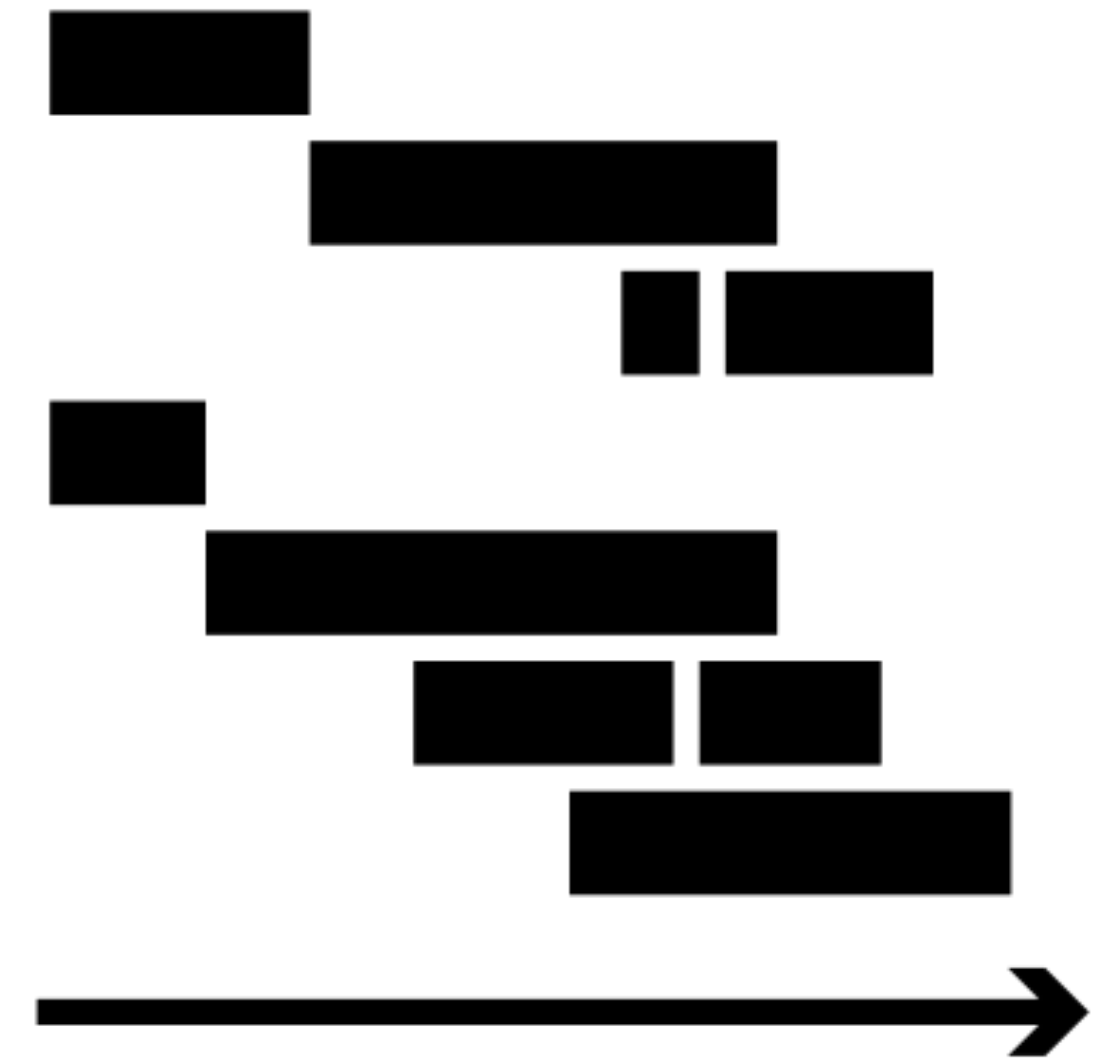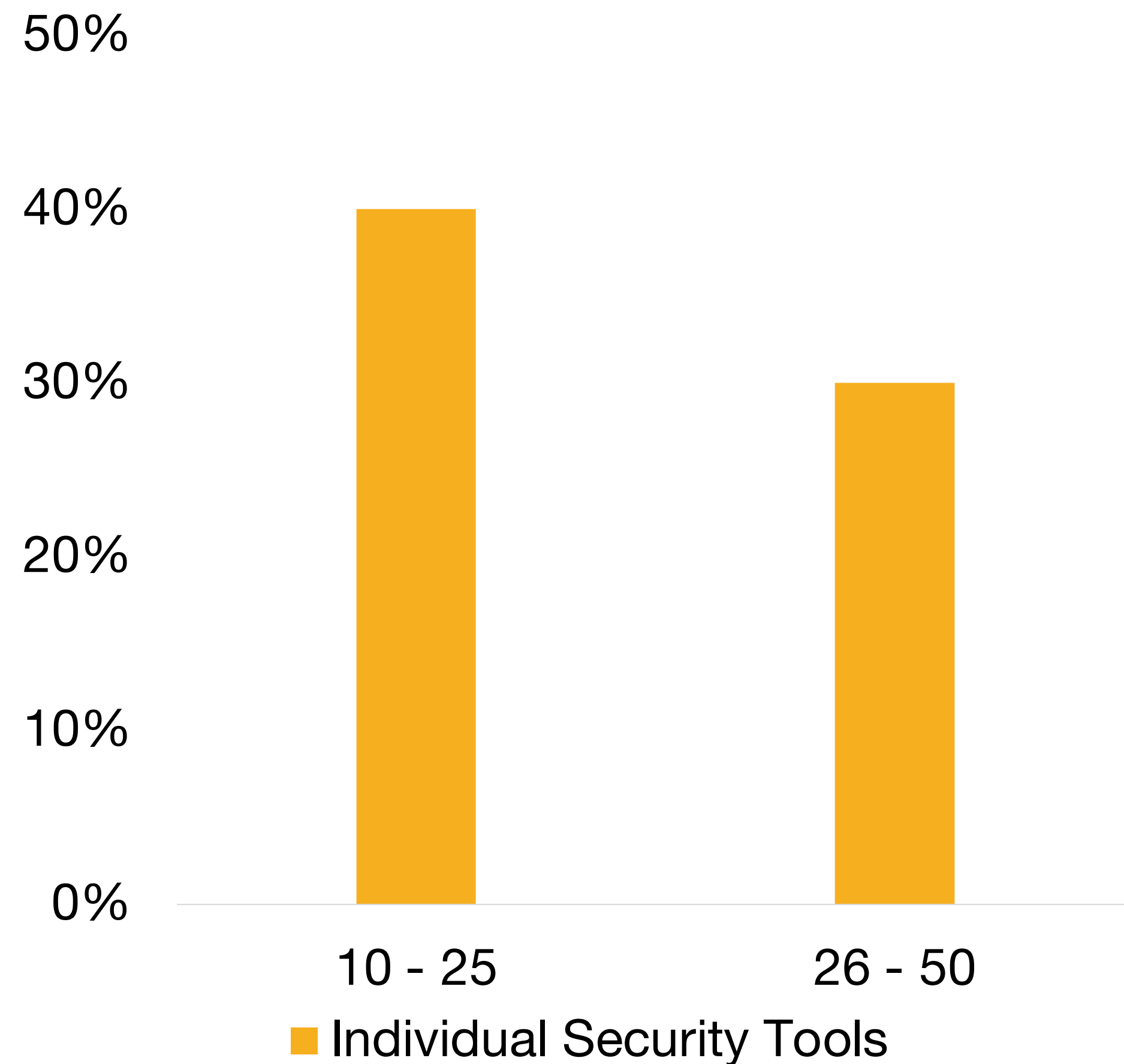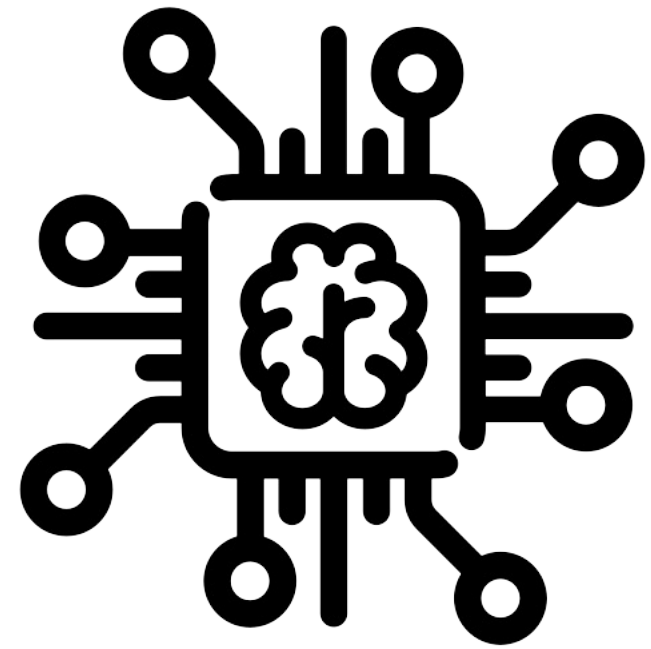
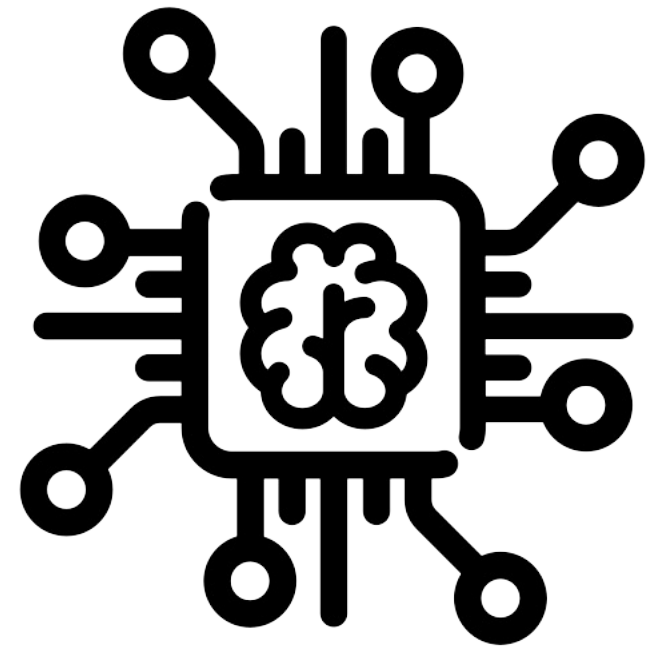You need to **remove apps / screens** to reduce complexity and make technology human-centric.

Chart:

Individual Security Tools	
10 - 25	40%
26 - 50	30%

(Y-axis: 0%, 10%, 20%, 30%, 40%, 50%)

Krista

Reduce duplication and manually entering the same data into multiple systems.

20

Krista

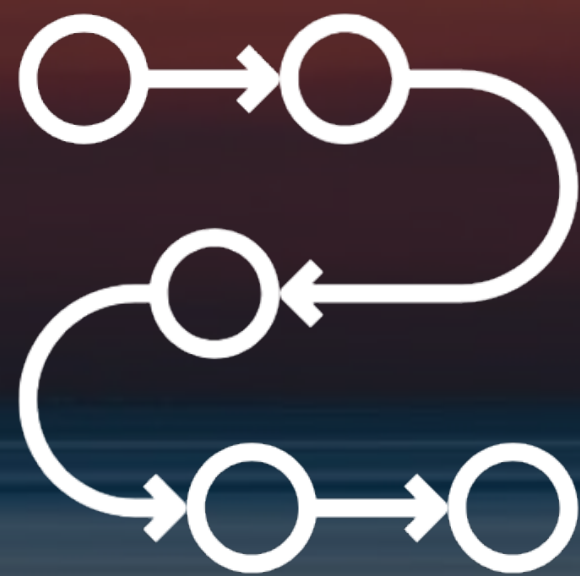Operationalize AI and **move more work** to machines and software.

Krista

The urgency and criticality of leveraging AI for business transformation is driving the need for operationalization of AI platforms. - Gartner

Krista

Are you looking into how to implement more AI into your company?

Krista

How well can you embrace tech?

Adaptability $f_x($ Number of Process Steps and Decisions , Number of Systems , People involved $)$

Krista

Krista Intelligent Automation

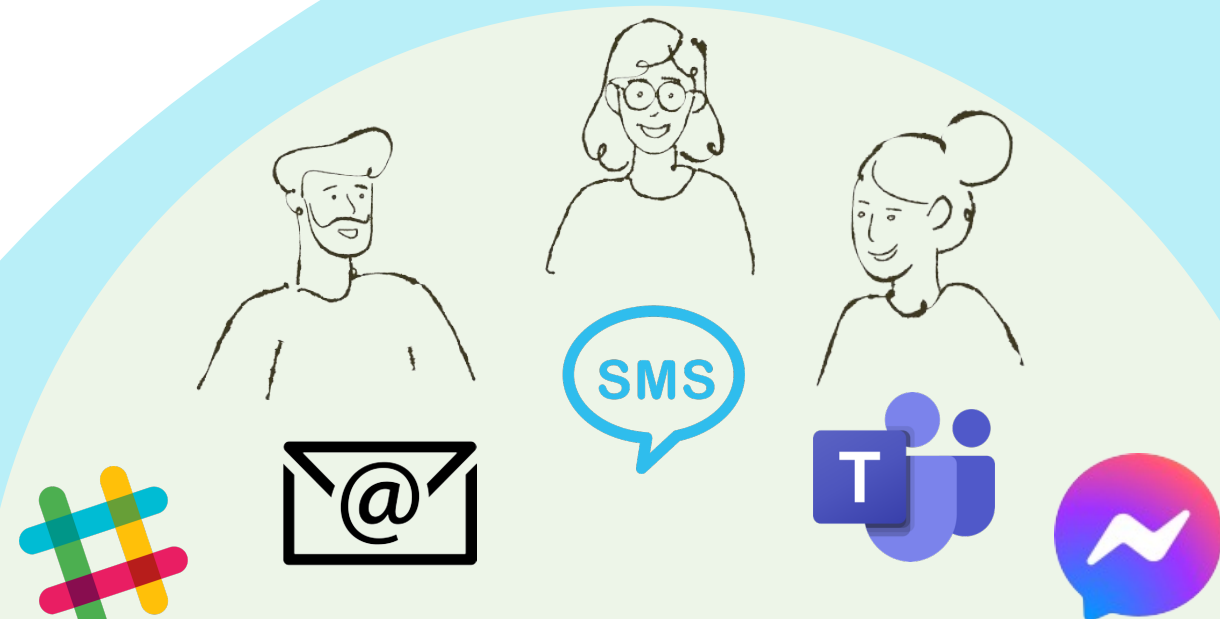Adaptability $fx(\triangle)$

Changing Krista
(minutes)

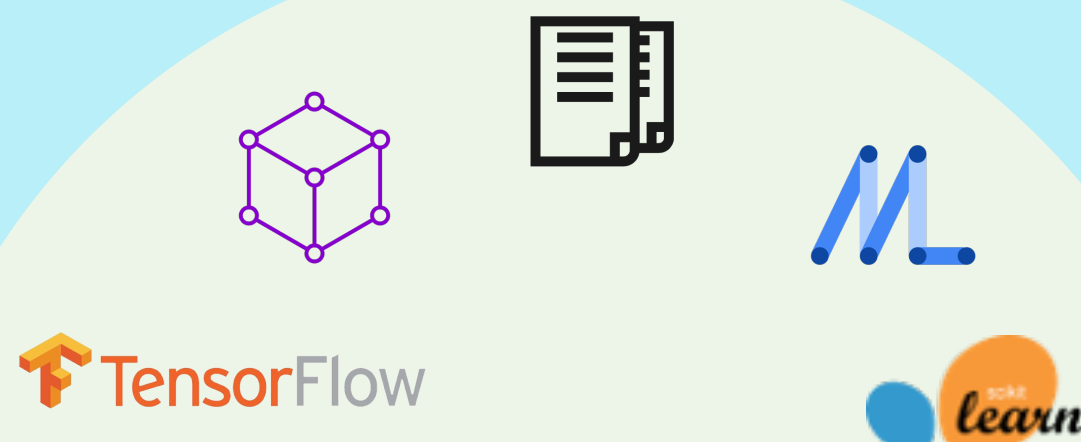# Transformation orchestrates people, apps, and AI

Krista
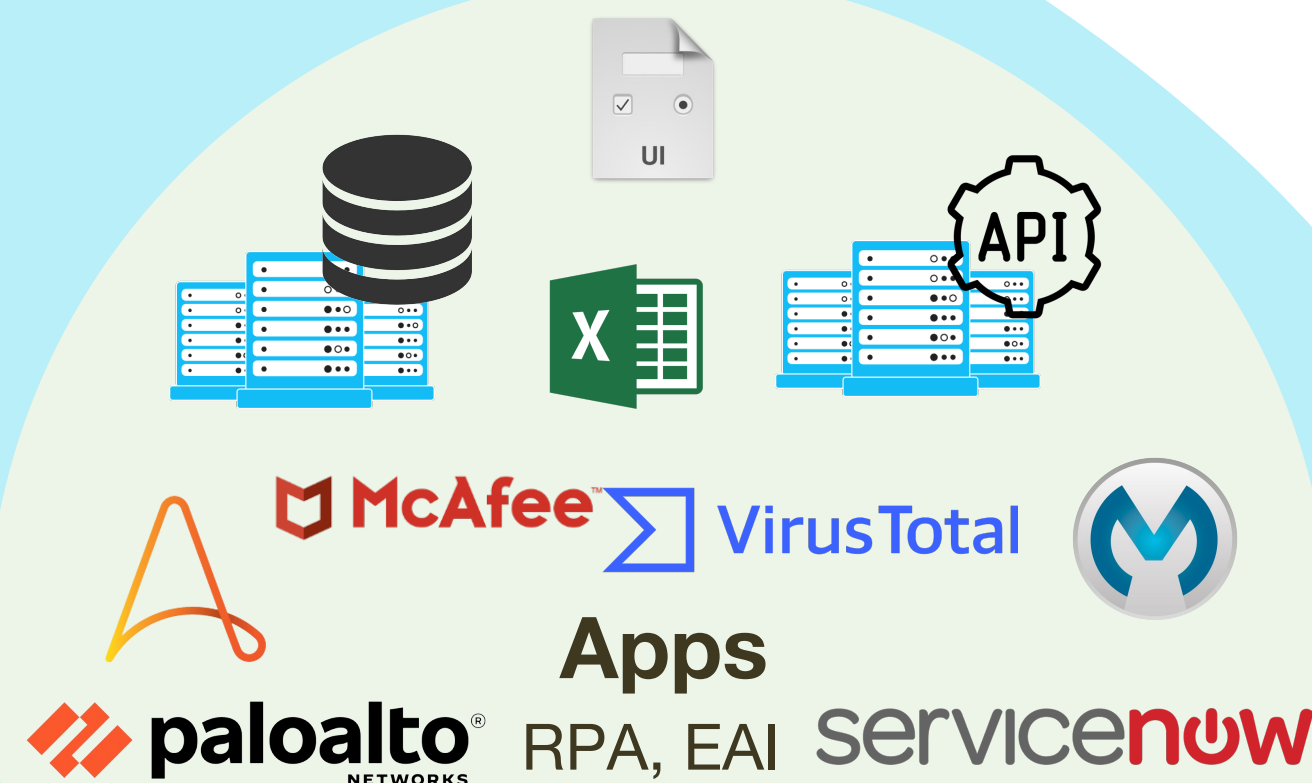**People, Systems, and AI working together**

Collaboration Tools
Slack, Office, G Suite

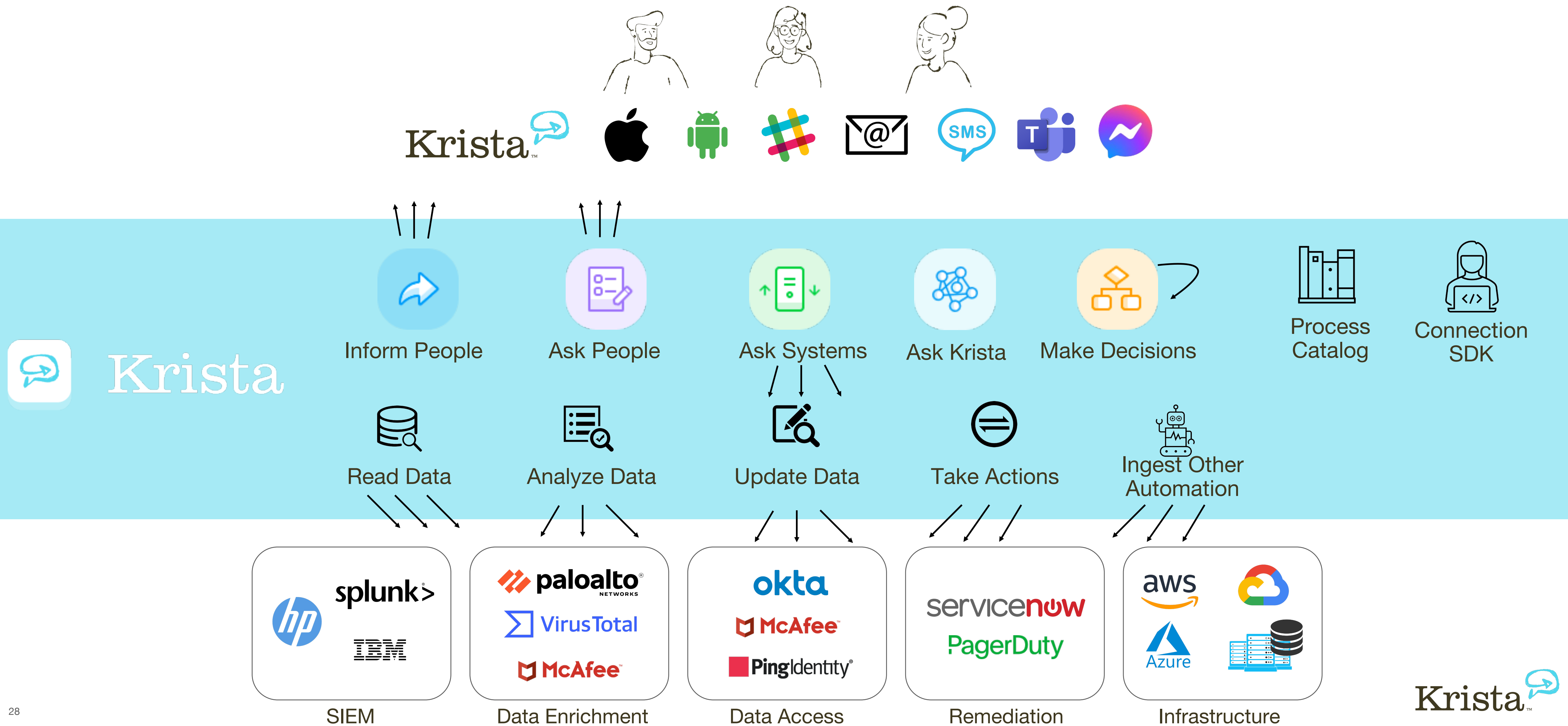"Hi Team. I will be out today for a family emergency."

AI / ML
Regressors & Classifiers

Forecast cash flow from current sales pipeline.

Apps
RPA, EAI

OCR invoices, enter in accounts payable system.

Krista Connects Your People and Existing Systems

Krista | Inform People | Ask People | Ask Systems | Ask Krista | Make Decisions | Process Catalog | Connection SDK

Read Data | Analyze Data | Update Data | Take Actions | Ingest Other Automation

SIEM
splunk>
hp
IBM

Data Enrichment
paloalto NETWORKS
VirusTotal
McAfee

Data Access
okta
McAfee
PingIdentity

Remediation
servicenow
PagerDuty

Infrastructure
aws
Azure

Krista

Ask a System

Ask for or input information from/to a system instead of logging in and searching/updating it.

Ask a Person

Have Krista ask a person for information from inside an automation instead of emailing them.

Inform a Person

Have Krista inform those that need to be informed instead of reading 1000s of messages.

Make a Decision

Have Krista orchestrate a decision based on data or user input to find the optimal path.
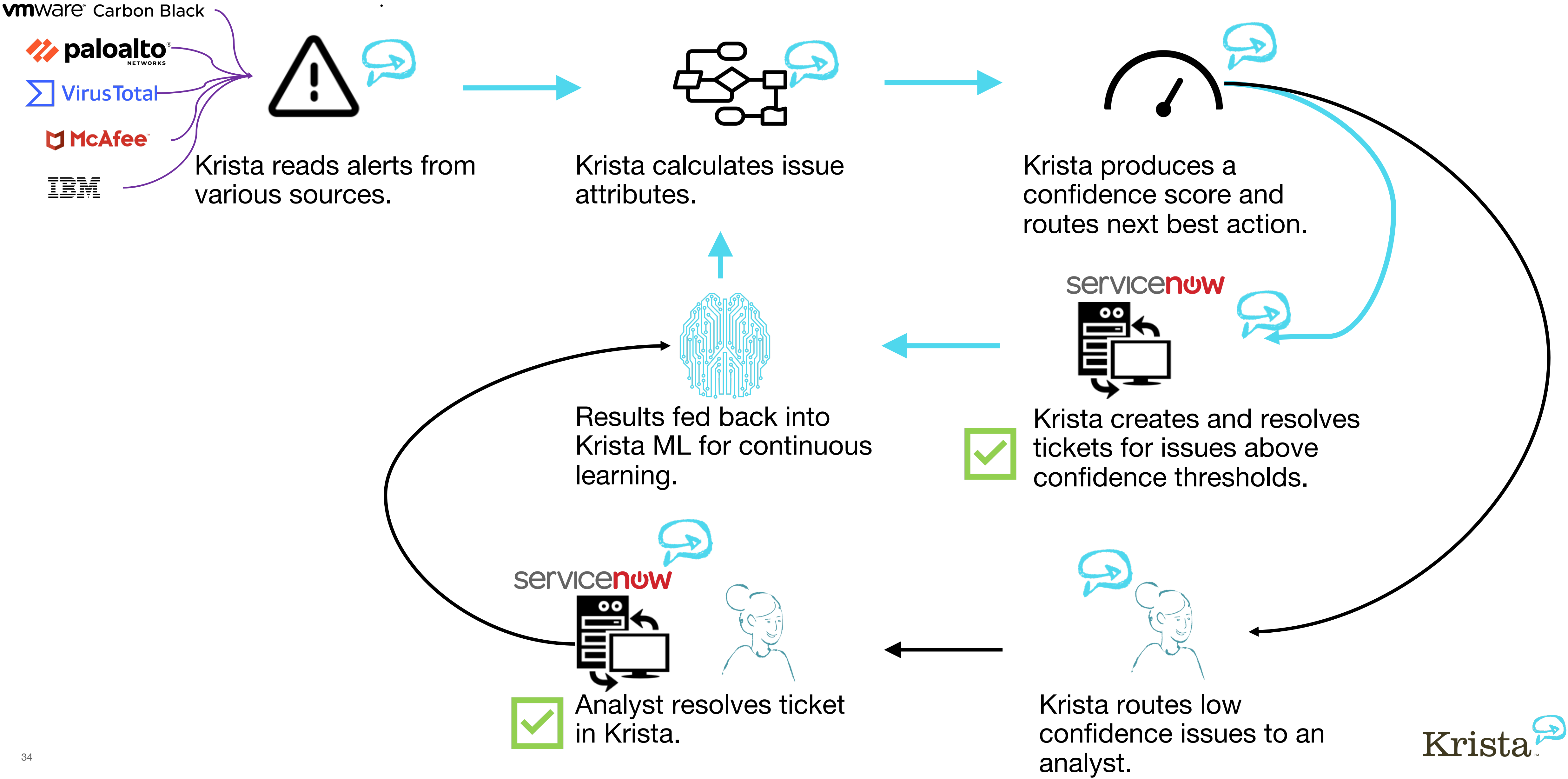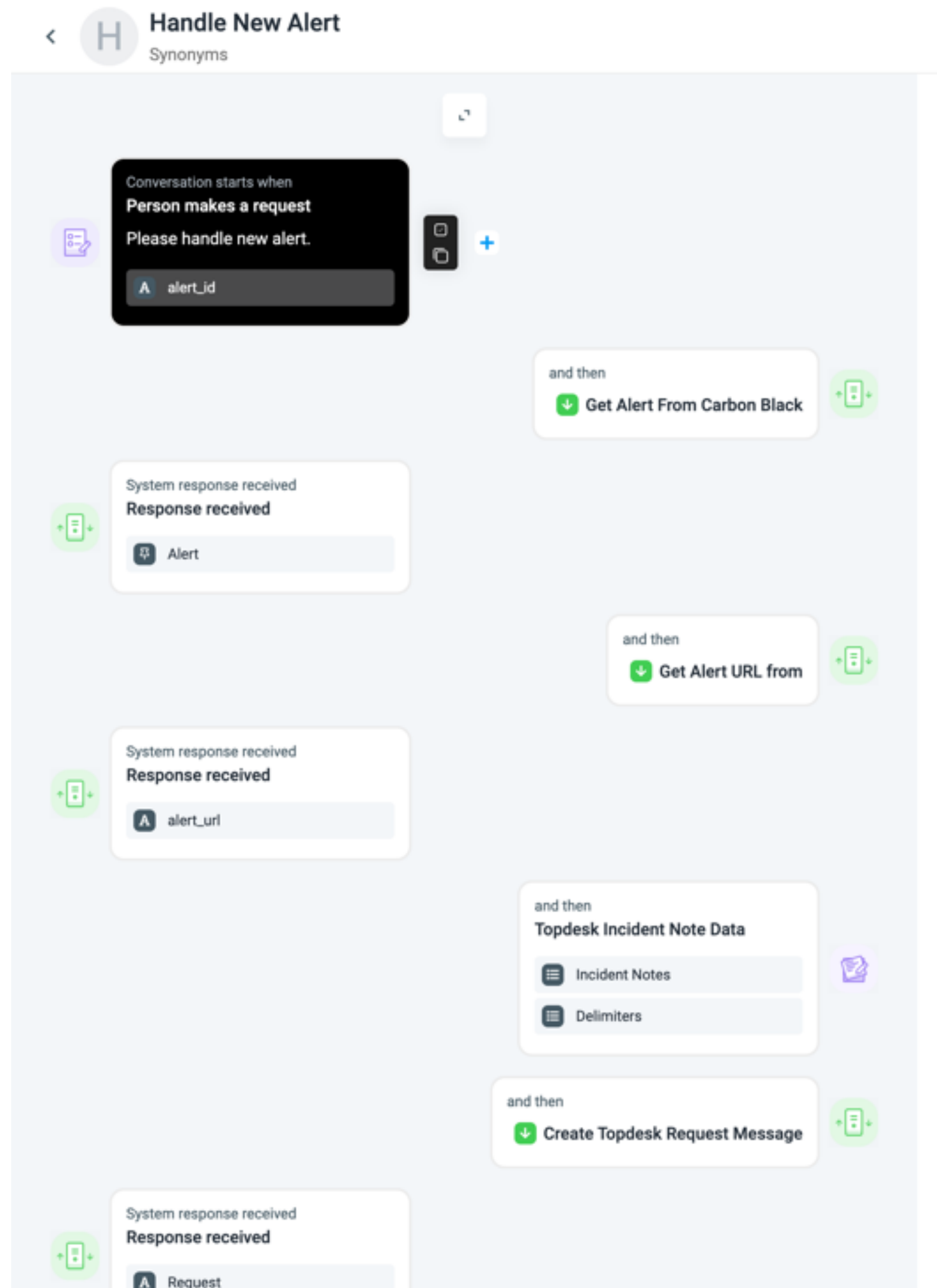
Ask Krista (AI)

Use Krista AI to take on more work over time so you can move on to more important things.

Krista

Managed security service provider replaced its SOAR platform with Krista and reduced MTTR by 25%.

Krista

Incident Management & Resolution

Krista reads alerts from various sources.

Krista calculates issue attributes.

Krista produces a confidence score and routes next best action.

Results fed back into Krista ML for continuous learning.

Krista creates and resolves tickets for issues above confidence thresholds.

Analyst resolves ticket in Krista.

Krista routes low confidence issues to an analyst.

What does Krista look like?

Krista Transforms Job Functions – SOC Analyst

Krista owns the process and guides the analyst. Meantime to resolution dropped by 25%-50%.

Processes steps and rules change in minutes when optimizations are discovered.

Krista is the single interface to disparate security tool capabilities. Capabilities are added or changed with zero training or user impact.

Krista's machine learning de-dupes events, calculates the priority, type, and scope, and aids analysts in remediation procedures.

Krista

If you can text, you can use Krista.

Incident Response
For managing incidents

Search All Conversations

CHANNELS

Alert Management — 9:23pm
4

Employee Information — 4:40pm
Hey,this is pretty cool platform..
2

CHATS +

Krista — 10:51am
To help you understand What happe..

Chad Hancock — May 16
Can you help me figure this out?

Jesse Johnson — May 8
bug logged. Should be done...

Alert: System Access – privilege abuse

DETAILS
System: System ABC
User: Matthew Smith
Date: 3/29/21
Time: 9:45AM CDT
Description:
A user was detected leveraging a platform to which their role does not correspond.

How would you like to handle this alert?

[All Clear] [Create an Incident]

Okay, I'll create an incident for this alert. The incident number is PA-20210329-5

Request data from IT
What do you need from IT?

I need any information regarding Matthew Smith's access to System ABC. — JS

Request data from IT
How long do you want to give IT to respond?

1 Hour 🕐 — JS

Request data from IT
Okay, I'll forward your request to IT and bring back their results of the following:

Description:
I need any information regarding Matthew Smith's access to System ABC.

How long do you want to give IT to respond?

1 Hour 🕐

Request data from IT

IT has responded to your request with the following information.

Description:
Matthew Smith was granted access privileges following a confirmation with his manager. John Doe authorized the the request. An audit of the access Matthew used is attached.

📄 Audit log.txt

Krista

Creating and modifying automations is easy. Development / scripting skills are not required.

Krista removes complexity for your people.
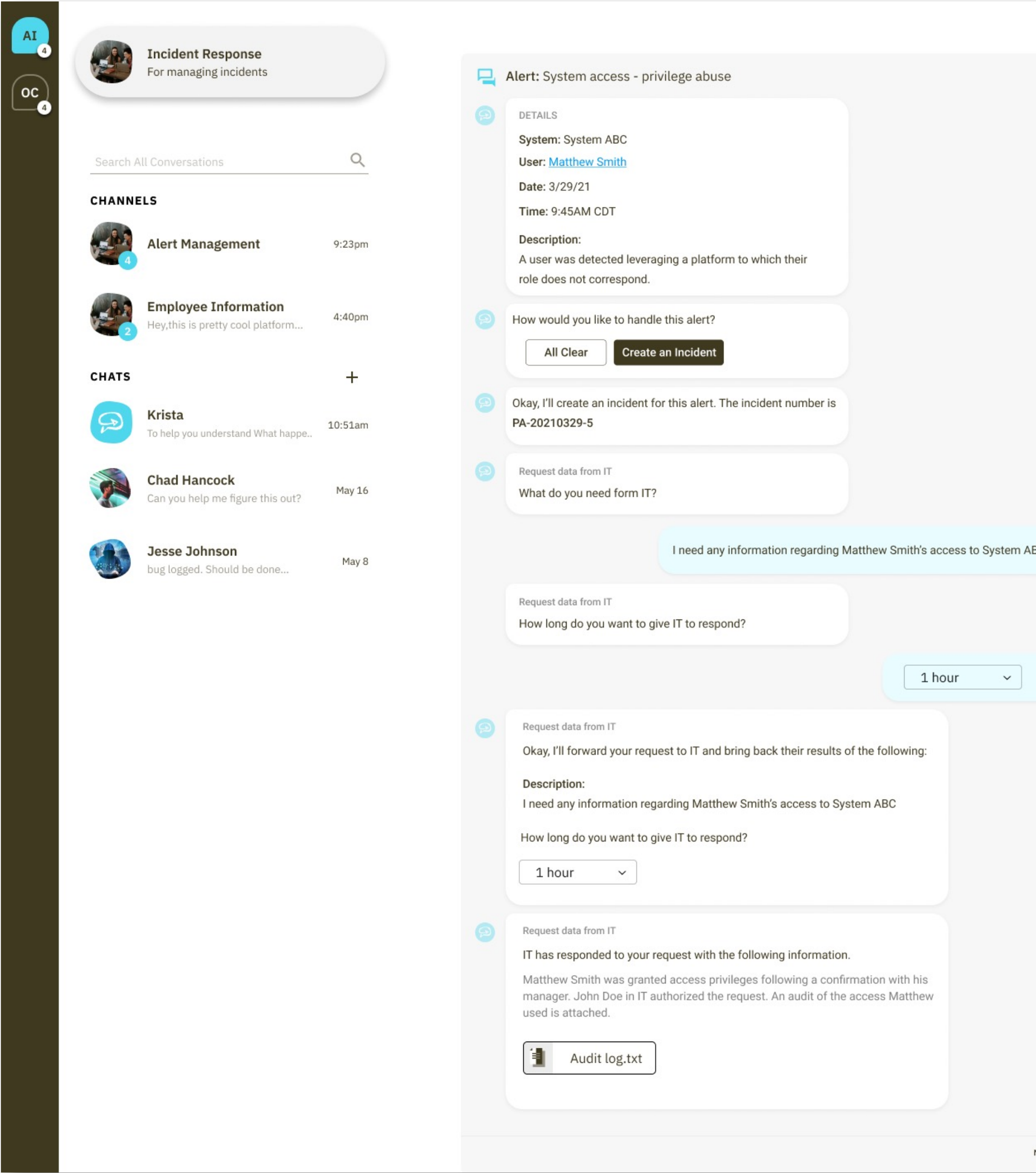
Krista

Krista operationalizes machine learning.

Krista offers proprietary ML-based solutions in key areas like:
ICR (Issue Cognition & Resolution)
DU (Document Understanding)
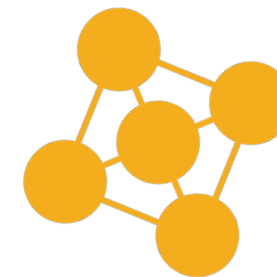
Krista delivers last mile integration for third-party ML models with no code or jargon.

Ask Krista builds ML models with no code or jargon, continuously learning from historic transactions.

Krista™

Krista automates documentation and reporting for compliance and regulatory mandates.

Krista

How do I get started?

1. Get a Krista demo account and login. Ask us for one or contact us at **kristasoft.com**

Incident Response
For managing incidents

Search All Conversations

CHANNELS

Alert Management   9:23pm
4

Employee Information   4:40pm
Hey,this is pretty cool platform...
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CHATS   +

Krista   10:51am
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Request data from IT
How long do you want to give IT to respond?

[1 hour ⌄]

Request data from IT
Okay, I'll forward your request to IT and bring back their results of the following:

Description:
I need any information regarding Matthew Smith's access to System ABC
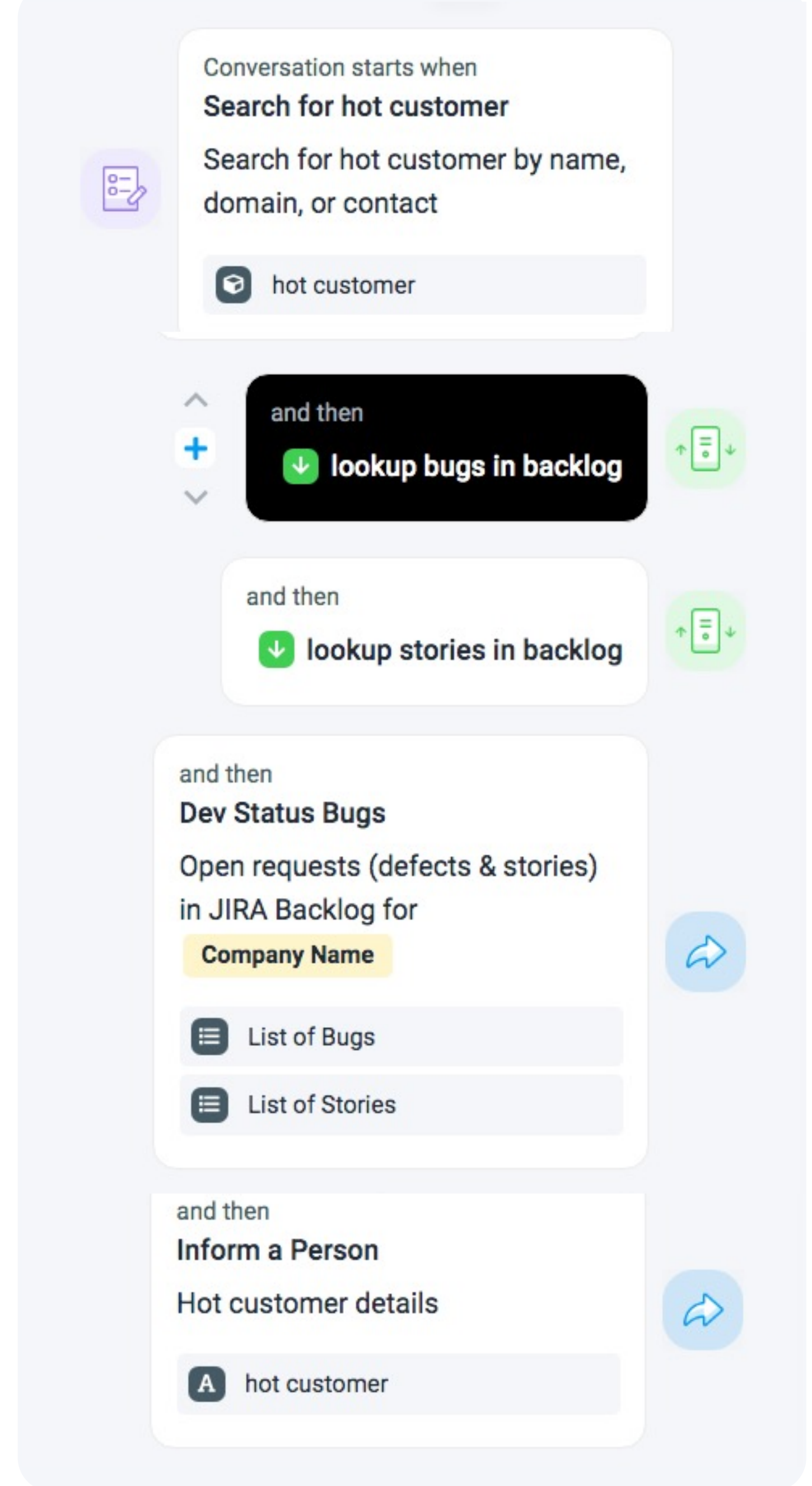
How long do you want to give IT to respond?

[1 hour ⌄]

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IT has responded to your request with the following information.

Matthew Smith was granted access privileges following a confirmation with his manager. John Doe in IT authorized the request. An audit of the access Matthew used is attached.

[📄 Audit log.txt]

Krista

2. Connect your security and ticketing systems using **existing connectors**.

Okta
Okta
2.0.0

One Drive
One Drive
Un-versioned

One Drive
Integrating One drive with Krista
1.0.1

Outlook Extension
Krista Integration with Outlook
1.1.0

DataDog
Integrating data dog with krista. Gets you hosts and infrastructure
1.0.1

Datadog
Integrating Datadog with Krista
Un-versioned

SentinelOne
SentinelOne
1.0.4

Splunk
Splunk
1.0.1

Service Now User...
Service Now User Support
Un-versioned

ServiceNow
Service now extension
Un-versioned

ServiceNow
Service now
1.0.4

VirusTotal
VirusTotal
1.0.2

Yard Management
Yard Management
1.0.0

Zendesk
Zendesk
1.0.2

monday.com
Krista Integration with monday.com
1.0.3

Krista

3. Use existing automations from the **library** or build your own.

Conversation starts when
Search for hot customer

Search for hot customer by name, domain, or contact

hot customer

and then
↓ **lookup bugs in backlog**

and then
↓ **lookup stories in backlog**

and then
Dev Status Bugs

Open requests (defects & stories) in JIRA Backlog for

Company Name

List of Bugs

List of Stories

and then
Inform a Person

Hot customer details

A hot customer

Krista

4. Enable Krista's AI and **automatically train machine learning** for your processes.

Prescription predictor
Rx, drug

This model can predict which c
Forget all remembered info

Ask Krista AI

Ask Krista for an intelligent prediction

Conversation starts when
Person makes a request

Hi, this is your smart Rx advisor. Please fill in the form below to get our recommendation.

Age

Sex

BP

Cholesterol

Sodium to Potassium ratio

Decision Type *

● Pick one   ○ Calculate a number v

Based on training from data provided, Krista will c
It will set the field below based on the outcome

Output

A Prescription

and then
Ask Krista AI

A Prescription

Prescription Confidence Score

Choices

Prescription A

Prescription B

Prescription C

Prescription D

Prescription E

+ Add an input

and then
Make a decision

If false   **If true**

Ask a Person

Doc, we have a patient aged: Age with BP blood pressure (etc). What prescription would you recommend?

Doc Recommendation

Input values

Age   Sex   BP   Cholesterol   Sodium to F

Data set

drug_cleaned_poc.csv
Date of upload : 2021-11-10
Records : 200

Krista

5. Watch, learn, and then build more automations.

Prescription predictor
Rx, drug

This model can predict which
Forget all remembered info

Conversation starts when
Person makes a request

Hi, this is your smart Rx advisor. Please fill in the form below to get our recommendation.

- Age
- Sex
- BP
- Cholesterol
- Sodium to Potassium ratio

and then
Ask Krista AI

- A Prescription
- Prescription Confidence Score

and then
Make a decision

If false   **If true**

Ask a Person

Doc, we have a patient aged: Age with BP blood pressure (etc). What prescription would you recommend?

Doc Recommendation

Ask Krista AI
Ask Krista for an intelligent prediction

Decision Type *
- Pick one   Calculate a number v

Based on training from data provided, Krista will
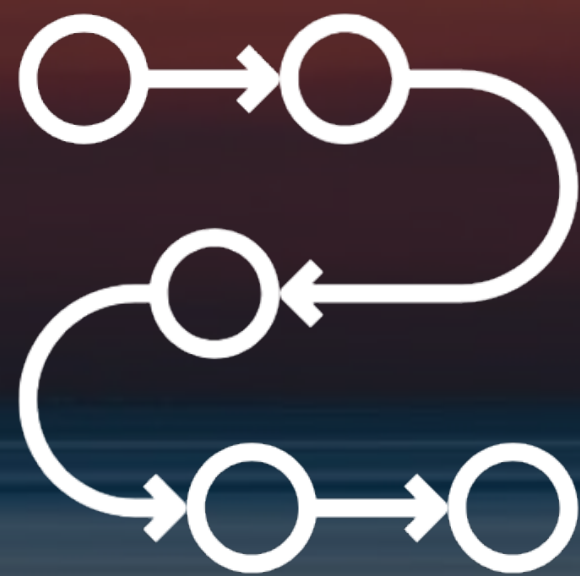It will set the field below based on the outcome

Output

A Prescription

Choices
- Prescription A
- Prescription B
- Prescription C
- Prescription D
- Prescription E
- Add an input

Input values
Age   Sex   BP   Cholesterol   Sodium to P

Data set

drug_cleaned_poc.csv
Date of upload : 2021-11-10
Records : 200

Krista

Krista Intelligent Automation

Krista <u>automates incident management</u> across disparate tools and multiple teams

Modifications in Krista <u>take minutes instead of months</u>, so you remain agile

Krista <u>reduces complexity</u> so your teams are more effective

Krista <u>AI correlates events and reduces redundant alerts</u> to save time and resources

Krista

Contact Us

krista@kristasoft.com

Web: KristaSoft.com   Twitter: @KristaSoft   LinkedIn: /Krista-Software