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# **Our Mission**

Enable employees to make smarter security decisions, everyday

# **Key Investment Highlights**



Massive global opportunity addressing the human layer



Integrated AI/ML driven SaaS platform leveraging proprietary data set



Easy to deploy and use for companies of all sizes in all verticals



**Demonstrated scale and durable growth** 



**Attractive 80%+ margins and positive FCF from inception** 

# **KnowBe4 Snapshot**



**New-School Security Awareness SaaS Platform** 



**Strong Net Promoter Score** 



**Forrester Wave Leader** 



\$256M Annualized Q3 2021 Revenue\*



40%+ Q3 2021 YoY **Revenue Growth** 



85%+ Gross Margins





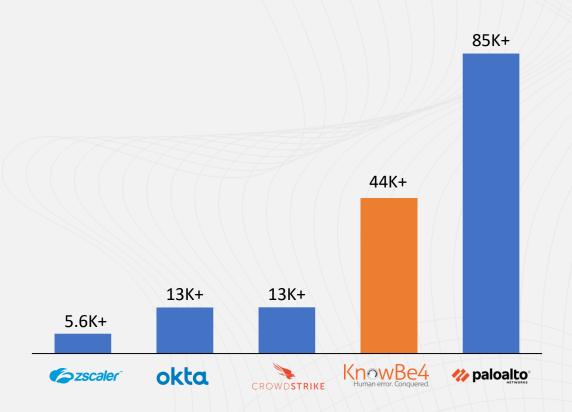


# **Completing the Next Paradigm:** Security Awareness

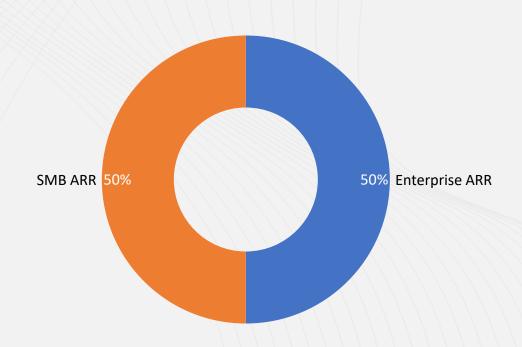
**Endpoint** Network Identity Web Human okta /// paloalto **S**zscaler KnowBe4 CROWDSTRIKE Application traffic Verified identity Decentralized and Behavior-based Cloud-based security inspection for all business distributed signature-less awareness platform applications enterprise IT protection

# **Early Days**

### **Customer Count**

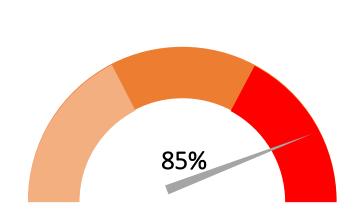


### **KnowBe4 ARR Distribution**



# **Accelerating Importance of Securing the Human Layer**

### **Recent Developments**



According to the Verizon 2021 Data Breach Investigations report, **85%** of data breaches involved a **human element**.



Ransomware attacks grew by 1,070% between July 2020 and June 2021<sup>2</sup>



Awarded Gartner G2 Grid Report Leader for 9<sup>th</sup> Consecutive Quarter<sup>4</sup>



Hackers behind
SolarWinds breach
continue, accessed by
Phishing and
Password guessing<sup>5</sup>



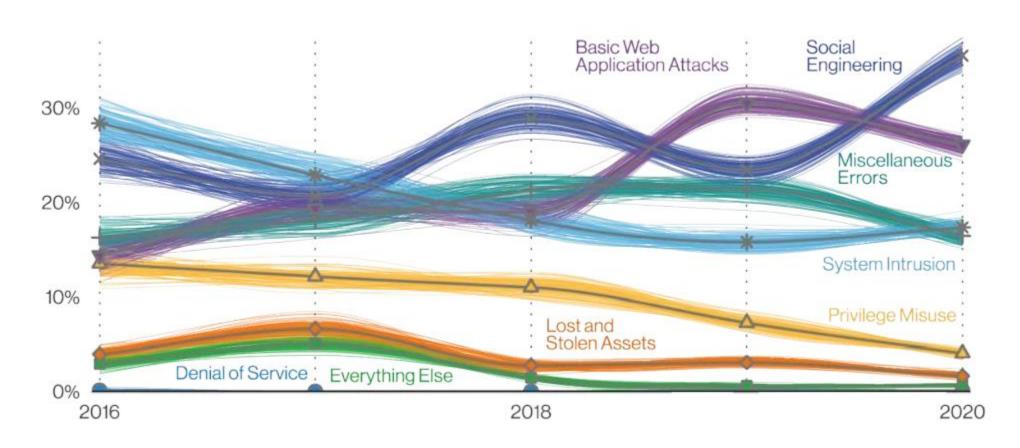
2/3<sup>rds</sup> of Organizations have been a target of ransomware<sup>2</sup>

Source 5: https://www.wsj.com/articles/microsoft-solarwinds-hackers-continue-to-hit-technology-companies-11635145200

Source 2 Report: https://www.fortinet.com/content/dam/maindam/PUBLIC/02\_MARKETING/08\_Report/report-ransomware-survery.pdf

**Source 4:** https://www.knowbe4.com/g2-grid-report-for-security-awareness-training?hsCtaTracking=68b459b5-bf15-4099-a6a5-4c72936c0b64%7C221be0a3-6d3d-4e68-883c-1cc756e4a945

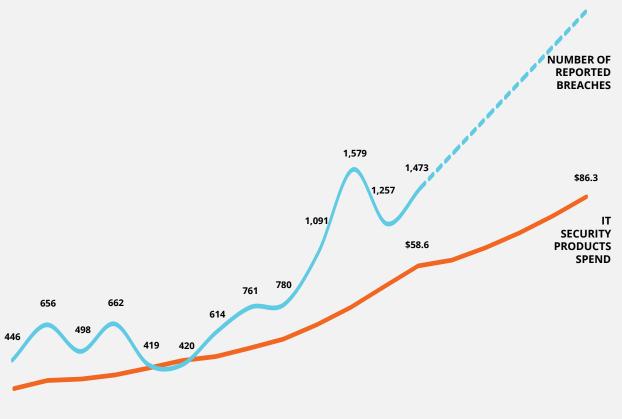
# Verizon 2021 Data Breach Investigations Report: Patterns Over Time in Breaches



# **Organizations Globally Have Invested Massively on Cybersecurity, Yet Breaches Continue to Increase**

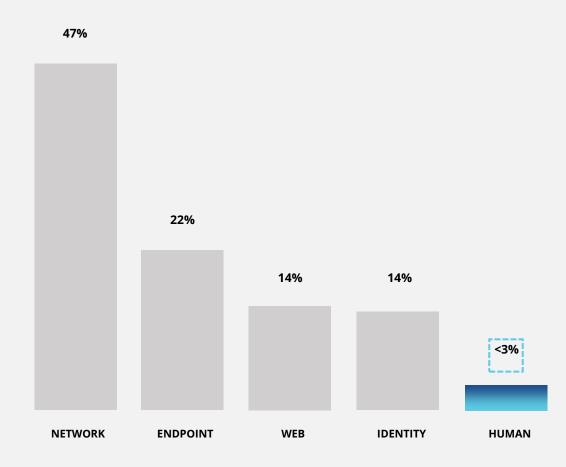
### WORLDWIDE IT SECURITY PRODUCTS SPEND VS. NUMBER OF REPORTED BREACHES<sup>1</sup>

\$BN / # OF BREACHES



CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013 CY2014 CY2015 CY2016 CY2017 CY2018 CY2019 CY2020 CY2021 CY2022 CY2023 CY2024

Worldwide IT Security Products Spend<sup>2</sup> - \$BN



# The Regulatory Environment Finally Sees the Light



"Provide practical exercises in literacy training that simulate events and incidents.

Practical exercises include non-notice social engineering attempts..."

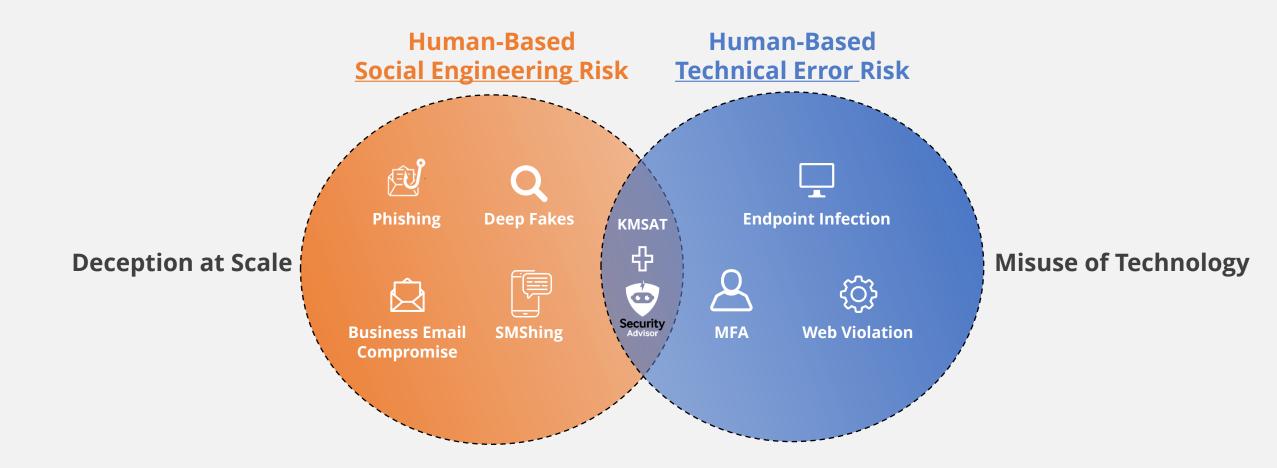


"Employee awareness of their network security obligations and antiphishing training, in particular, are critical. Required cybersecurity awareness training... should include recurrent phishing training, including how to spot, avoid, and report phishing attempts."



"Reduce the risk
of phishing emails from
reaching end users by
enabling strong spam
filters and
implementing user
awareness and training
programs"

# We Acquired Security Advisor to Reinforce the Most Exploited Layer in Cybersecurity: The Human Layer



### **Extension of the Security Budget— Expanding our TAM and Reach**

### **IT Security Budget**

**Security Awareness Training Phishing Simulation & Analysis SOAR Capabilities** 



### **SOC Budget**

**Real-Time Security Behavior Analysis Micro-Learning** 

**Expected New Category: Human Detection & Response** 



**SOC Budget Entry Point** 



**Improves Existing Security** Layers



**CIO/CISO Strategic** 



**Deeper Alliance Opportunities** 

### **Human Detection & Response - Platform Extension**

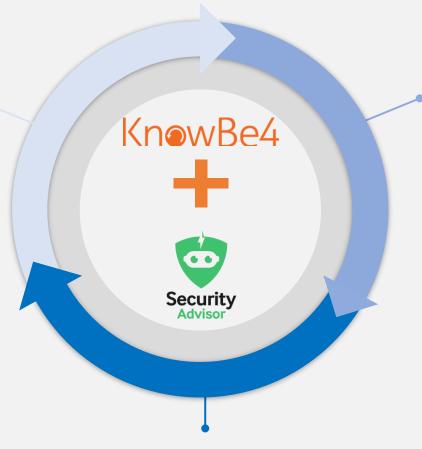
### **Strategic InfoSec Integration**

Correlation of real-world security behavior with existing security stack to identify and remediate vulnerabilities and improve efficacy of the SOC









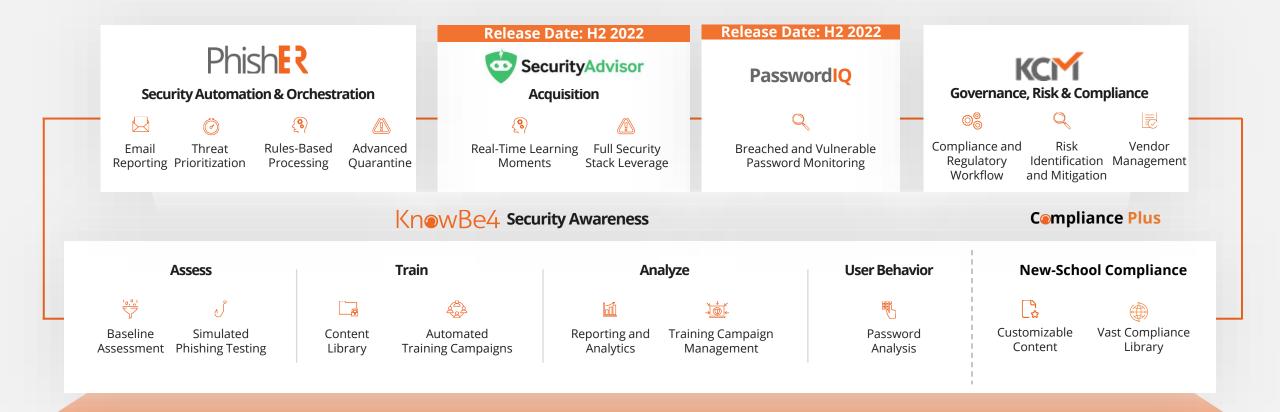
### **Real-Time Behavior Response**

Unsecure user behavior is identified and remediated via real-time micro-learning

### **SAT & Phishing Simulation**

Users are taught security fundamentals and tested with frequent phishing campaigns

## **KnowBe4's Platform Is Purpose-Built to Protect the Human Layer**















# **Complete Suite Manages the Ongoing Risks of Social Engineering**

### KnowBe4 Security Awareness





- Interactive training modules
- · Engaging & effective content
- User-centric experience
- Continual assessment of employee behavior
- Evolving threat simulations based on real-world attacks

- Custom attack simulations
- Actionable metrics and insights into enterprise risk profile
- Ability to tailor additional training based on results

### Compliance Plus



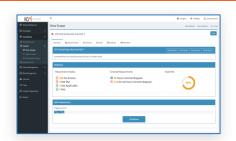
- High quality, customizable content
- Wide variety of topics covered from discrimination to workplace safety
- Completely automated training campaigns with extensive reporting

### Phish**E**?



- Automatic processing from custom rules
- Automated message disposition
- Continual employee feedback loop
- Risk scoring and tagging for prioritization of threats
- Automation of security operations workflow

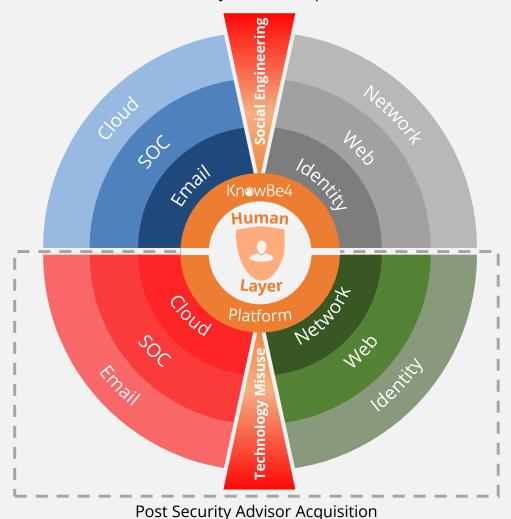
### KCM



- Manage and automate compliance and audit cycles
- Centralize policy distribution and tracking
- Identify, monitor and remediate risk

# **KnowBe4 Makes the Human Layer** the Last Line of Defense

**Pre-Security Advisor Acquisition** 

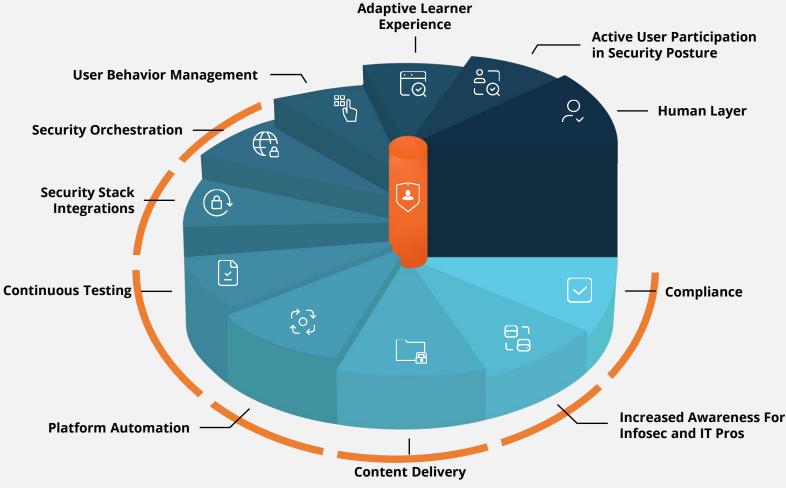


### **Dedicated Security Awareness Platform**

- Purpose-built to alter human behavior and continually reinforce secure behaviors
- Strengthens security posture by reducing the risks of social engineering
- Complements existing security infrastructure investments

# **The KnowBe4 Vision for Security Awareness**

THIS PLATFORM DRIVES THE ABC'S – AWARENESS, BEHAVIOR, AND CULTURE



# The Path to \$1B+ in ARR



International Execution - Centers of Excellence Expansion

Continued Upmarket Move into Enterprise

No Vertical Concentration with Organizations of all Sizes

	Construction			
Finance	Professional Services	Government		
		Other Services		
Healthcare	п	Manufacturing		
		Other		
Education	Utilities	Transportation		
	Retail	Wholesale		







**Channel Expansion** 

# **Highly Efficient Go-to-Market Strategy Targets the Whole Market**

### **Go-to-Market**

- Highly efficient inside sales-driven model translates across customer segments
- Combination of platform functionality and ease-ofuse scales to enterprise
- Channel partners provide significant sales leverage & enterprise pull
- Short sales cycle and Greenfield opportunity drives lower acquisition costs
- Favorable customer unit economics generate operating leverage

### **Enterprises**

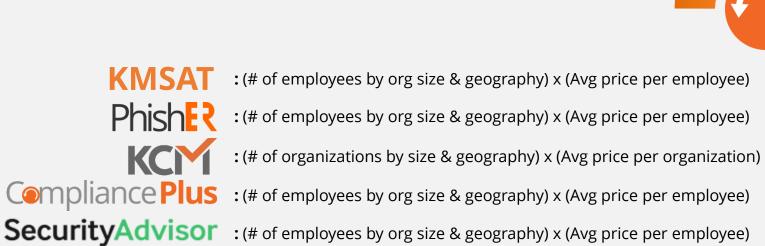
Inside Sales **Experienced Reps** Mix of Greenfield and Replacement

### **Small and Midsized Businesses**

Inside Sales Greenfield Market Strong MSP Presence

# Significant and Underpenetrated Market Opportunity







# **Strategic Moats**

### **Dedicated Platform**

### **Machine Learning & Al**





Product Organization-wide Integration implementation

### **Data Driven Insight**



Reporting & Automated Analytics **Training Campaigns** 

(O)

### **Strategic Patent Library**



Security Workstreams



AI/MI Oriented

### **Further Integration into Security Ecosystem**



Vendor Integration



More Value from Security Stack

### **Scale & Recognition**

### **Market Leadership**





Forrester Wave Gartner G2 Leader Grid Leader

### Go-to-Market



Multi-Product Leverage



**Inside Sales** Team

### **Expansive Customer Base**





Tens of Millions 44.000+ of End Users Logos

### **Unrivaled Capabilities**

### **Thought Leaders**



Guided by the Industry's Best

### **Unsurpassed Content Variety**



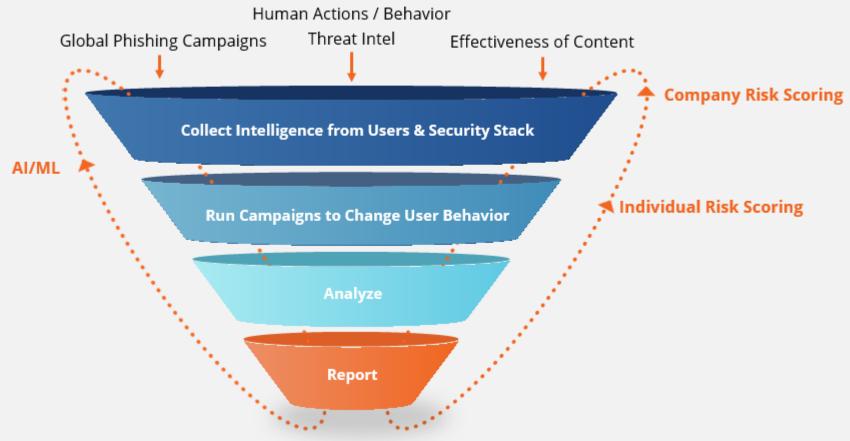


Award Winning

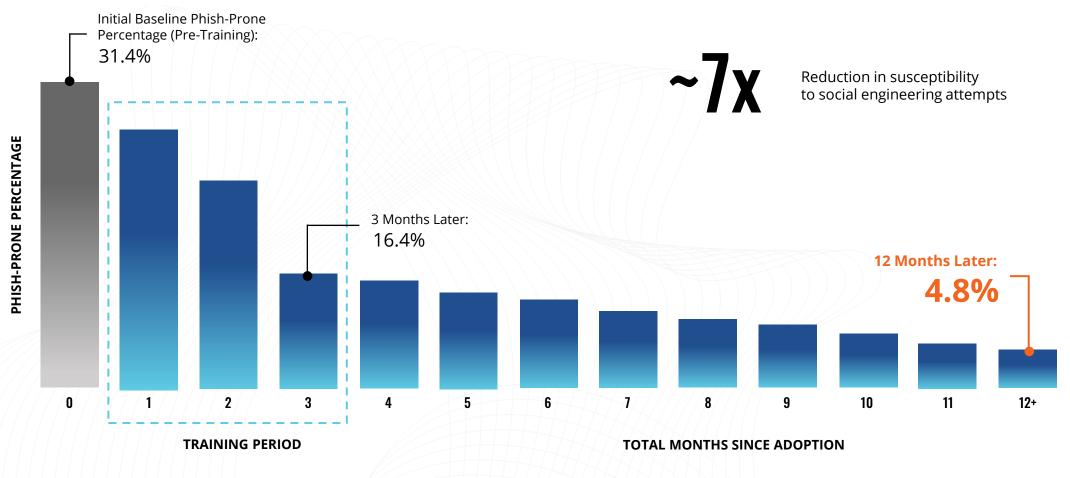
Deeply Localized

# One of the Key Strategic Moats of the KnowBe4 Platform

### Immense **Dataset** Comprised of **Billions** of Events

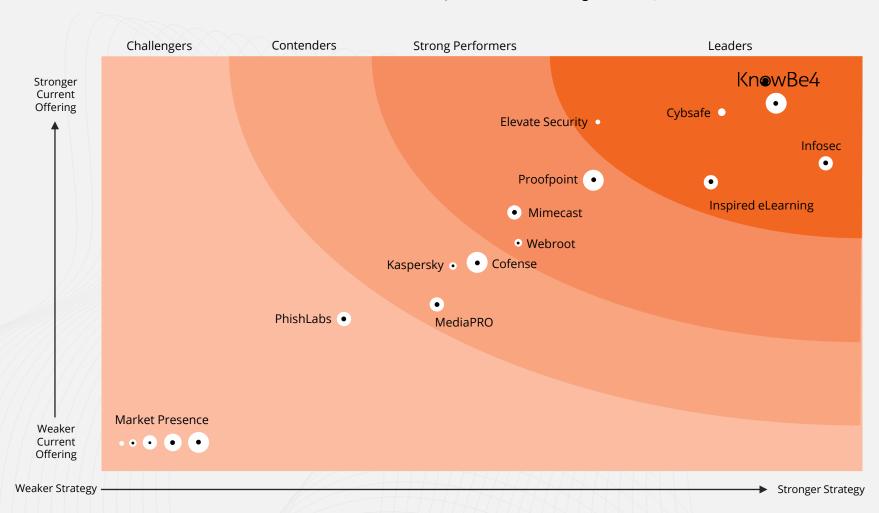


# **Delivering Quantifiable Results for Customers**



# ...and Awarded Across the Industry

The Forrester Wave™ - Security Awareness And Training Solutions Q1 2020



# ...and Awarded Across the Industry

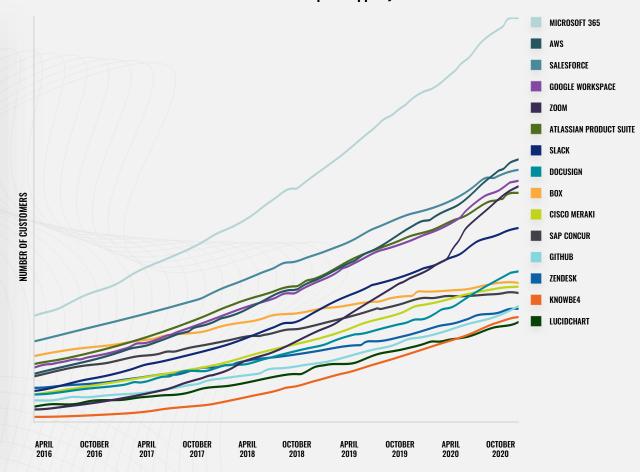
2020

Microsoft Azure AD App Gallery

### **Top 15 Apps by Number of Organizations** Microsoft

KANK	2018	2019	2020		
1	Salesforce	Salesforce	Zoom		
2	Google Cloud/Google Workspace	Google Cloud/Google Workspace	Salesforce		
3	ServiceNow	ServiceNow	Google Cloud/Google Workspace		
4	Amazon Web Services (AWS)	Adobe Creative Cloud	ServiceNow		
5	Atlassian Cloud	Amazon Web Services (AWS)	KnowBe4 Security Awareness Training		
6	Adobe Creative Cloud	Zoom	Atlassian Cloud		
7	Dropbox Business	Atlassian Cloud	Amazon Web Services (AWS)		
8	Box	KnowBe4 Security Awareness Training	Docusign		
9	Freshservice	Freshservice	Freshservice		
10	Zoom	Box	Mimecast Personal Portal		
11	SAP Concur	Dropbox Business	Cisco Webex		
12	KnowBe4 Security Awareness Training	SAP Concur	Palo Alto Networks Prism Access		
13	Citrix ShareFile	Slack	Box		
14	Slack	Zendesk	Dropbox Business		
15	Zendesk	Citrix ShareFile	Zendesk		

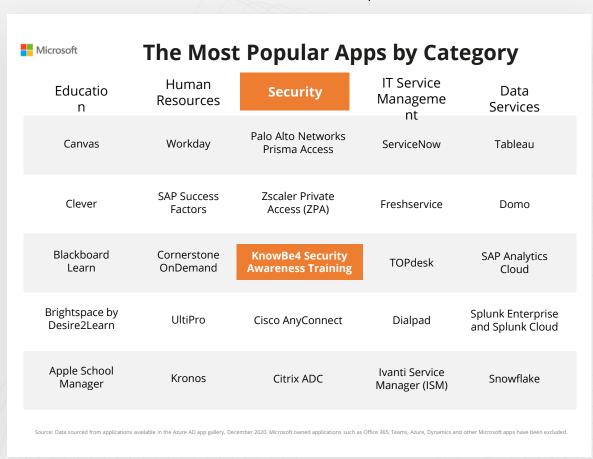
Okta 2021 Businesses at Work - Most Popular Apps by # of Customers



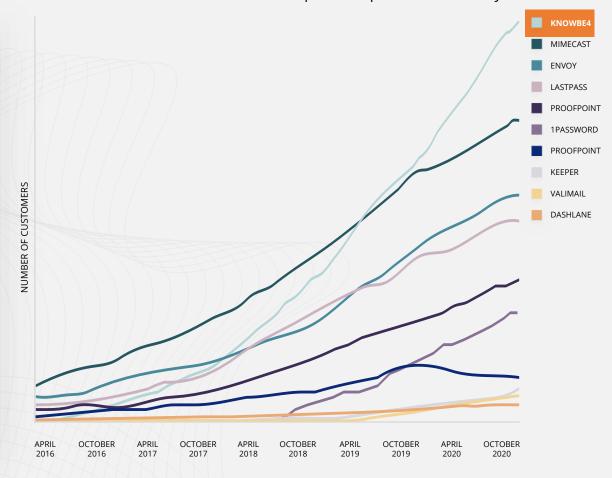
DANK

# ...and Awarded Across the Industry

Microsoft Azure 2020 Report



Okta 2021 Businesses at Work - Most Popular People-Centric Security Tools



# Financials

# **Financial Highlights**

### **Significant Scale**

\$262 Million Q3 2021 ARR



\$256 Million Q3 2021 Annualized Revenue\*

### **Rapid Growth**

44% Q3 2021 YoY ARR Growth



43% Q3 2021 YoY Revenue Growth

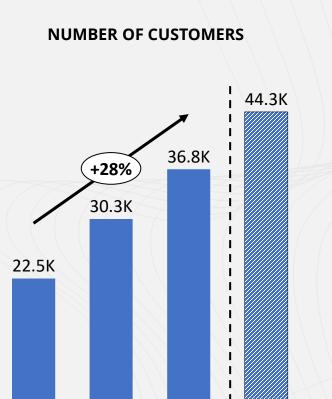
### **Attractive Margins**

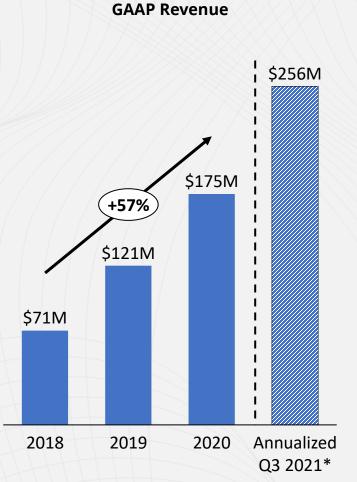
25%+ Free Cash Flow Margin

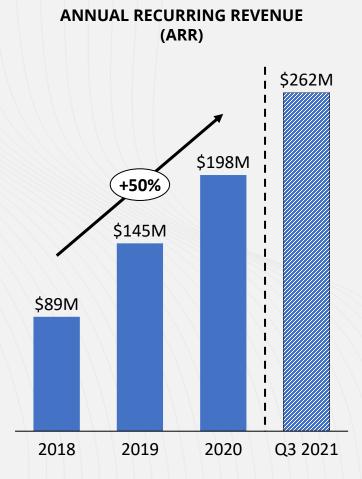


85%+ **Gross Margin** 

# **Strong and Consistent Growth in Revenue and Customer Base**







2018

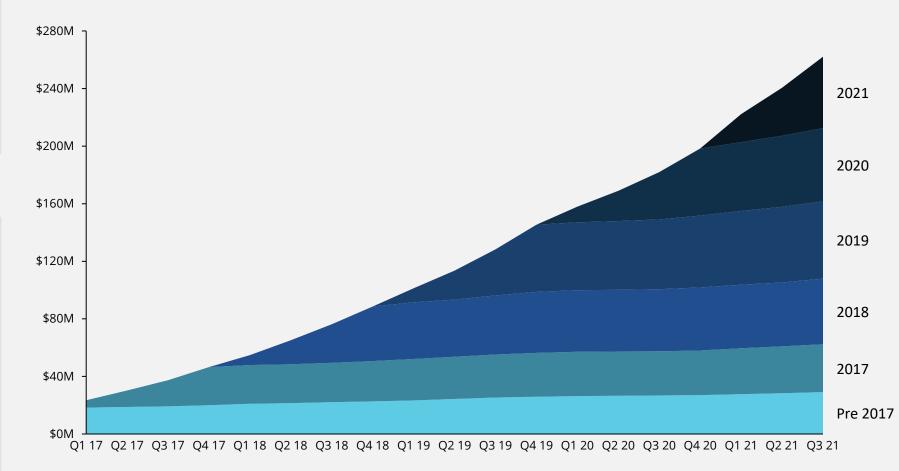
2019

Q3 2021

2020

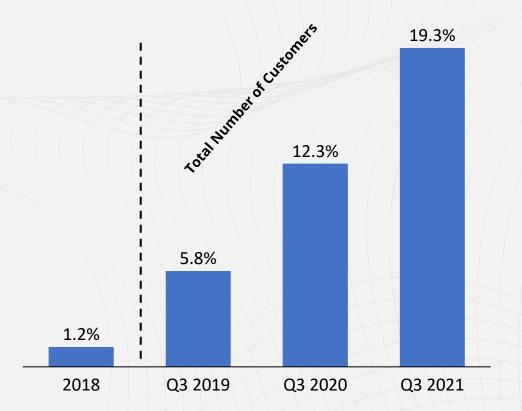
# **Revenue Durability Supported by Favorable Retention Dynamics**

All cohorts have expanded since inception

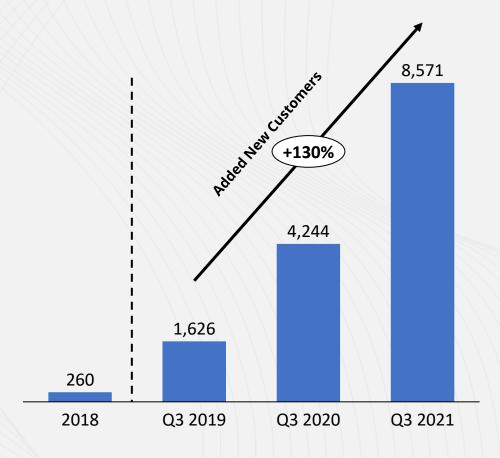


# **Proven Up/Cross Sell Ability with Room to Grow**

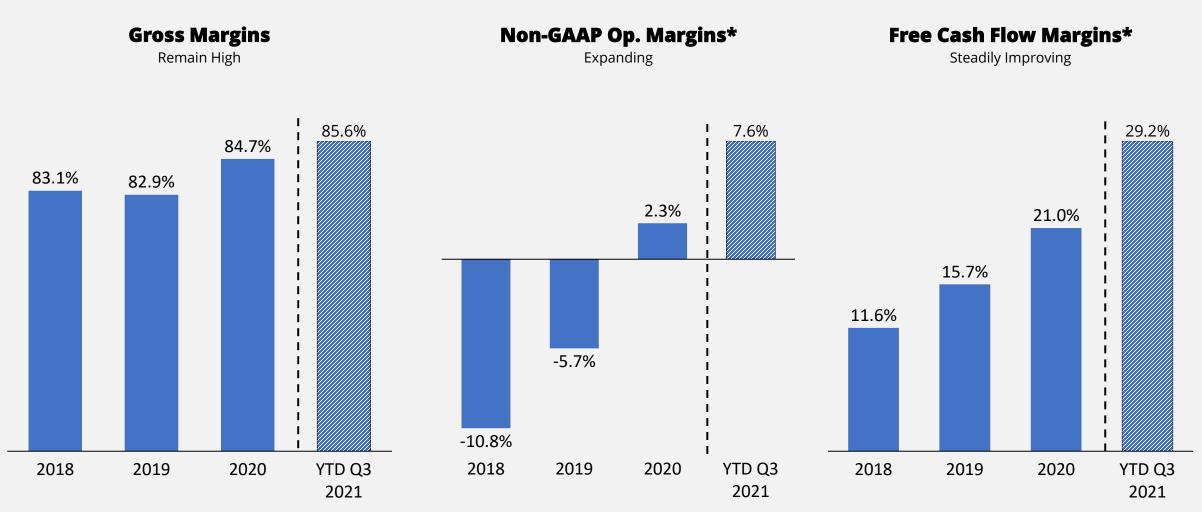




### **Total Accounts With Multiple Products**



# **Expanding Margin Profile**



# Appendix

# **Non-GAAP Reconciliations**

(\$ MILLIONS)	2019	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21
NET CASH PROVIDED BY OPERATING ACTIVITES	\$29.7M	\$13.9M	\$13.0M	\$12.7M	\$5.2M	\$21.8M	\$14.1M	\$19.9M
LESS: PURCHASES OF PROPERTY AND EQUIPMENT	-\$5.6M	-\$2.7M	-\$1.2M	-\$0.8M	-\$0.7M	-\$0.5M	-\$0.5M	-\$1.2M
LESS: CAPITALIZED INTERNAL- USE SOFTWARE	-\$5.2M	-\$0.9M	-\$0.6M	-\$0.8M	-\$0.4M	-\$0.4M	-\$0.8M	-\$0.8M
LESS: PAYMENTS ON PRINCIPAL OF FINANCE LEASES	-	\$0.0M						
FREE CASH FLOW	\$18.9M	\$10.4M	\$11.2M	\$11.0M	\$4.1M	\$20.9M	\$12.8M	\$18.0M

# **Non-GAAP Reconciliations**

	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21
Revenues	\$36.3M	\$39.2M	\$41.5M	\$44.9M	\$49.3M	\$53.6M	\$59.4M	\$64.1M
GAAP Operating Income	-\$0.5M	-\$1.5M	-\$0.1M	-\$1.0M	\$1.0M	\$2.8M	-\$15.8M	-\$0.7M
Add: Stock-Based Compensation Expense	\$0.7M	\$0.7M	\$1.3M	\$1.2M	\$2.0M	\$1.7M	\$18.9M	\$2.7M
Add: Amortization of Acquired Intangible Assets	\$0.1M	\$0.1M	\$0.1M	\$0.1M	\$0.1M	\$0.2M	\$0.3M	\$0.3M
Add: Acquisition and Integration Related Costs	\$0.0M	\$0.0M	\$0.0M	\$0.0M	\$0.0M	\$1.3M	\$1.1M	\$0.6M
Non-GAAP Operating Income	\$0.3M	-\$0.7M	\$1.3M	\$0.3M	\$3.1M	\$5.9M	\$4.5M	\$3.0M
Non-GAAP Operating Margin	0.8%	-1.9%	3.2%	0.7%	6.3%	11.0%	7.6%	4.6%

### **Key Metric Definitions**

### **Gross Dollar Retention Rate:**

We calculate our dollar-based gross retention rate by determining the lesser of: (i) the aggregate ARR for all customers who had active contracts at the end of the prior year and (ii) the aggregate ARR for the same group of customers at the end of the current year. We then divide the lesser amount by the aggregate ARR for all customers who had active contracts at the end of the prior year.

### **Annual Recurring Revenue (ARR):**

We define ARR as the annualized value of all contractual subscription agreements as of the end of the period. We perform this calculation on an individual contract basis by dividing the total dollar amount of a contract by the total contract term stated in months and multiplying this amount by twelve to annualize. Calculated ARR for each individual contract is then aggregated to arrive at total ARR.ARR is calculated as the annualized value of recurring contracts, where we have defined "recurring" as all contractual subscriptions plus monthly tiered subscriptions. We perform this calculation on an individual contract basis and aggregate the value for all active contracts to arrive at total ARR. We do not include renewal assumptions in our calculation of ARR.

### Free Cash Flow (FCF):

We define free cash flow as net cash provided by operating activities less purchases of property, equipment, amounts capitalized for internal-use software and principal payments on finance leases. Free cash flow margin is calculated as free cash flow divided by revenue

### Non-GAAP Operating Metrics (Non-GAAP gross profit, gross margin, operating expenses, operating income and operating margins):

These Non-GAAP operating metrics are calculated as the most comparable GAAP metric (e.g., GAAP gross profit, gross margin, operating expenses, operating income and operating margin) excluding stock-based compensation expense, amortization of acquired intangible assets and acquisition-related costs. Costs associated with acquisitions include legal, accounting and other professional fees, as well as changes in the fair value of contingent consideration obligations.