



The Future of IT Belongs to the Optimists

Richard Delisser, VP, Commerce Engineering
IT Leadership Program Keynote Speaker
ITLGEN-1011

Welcome!



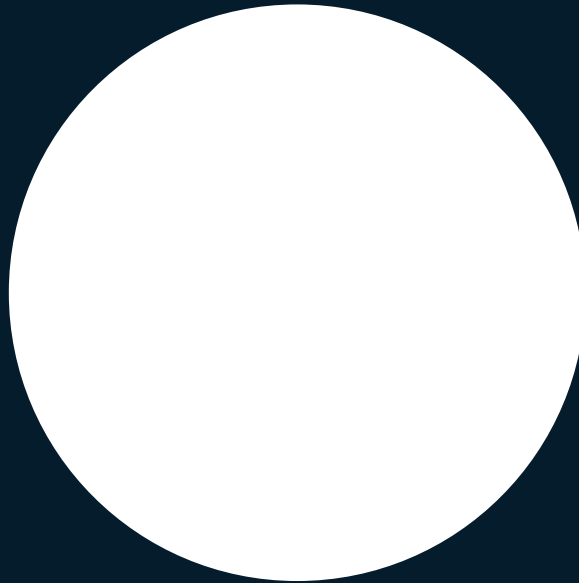
Have you heard about AI lately?



GPT 4



GPT 2



4 years



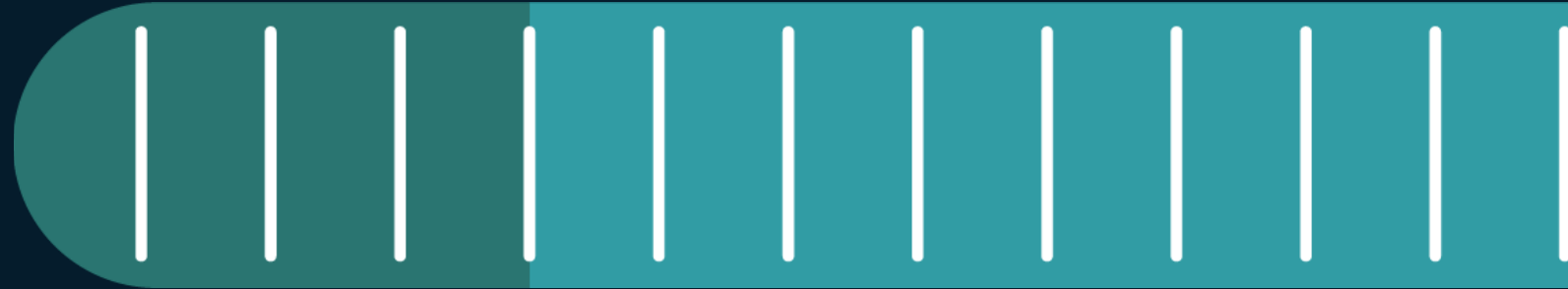
4 years





The AI Sentiment Scale

skeptics



No one has a clue
how to build a
conscious machine,
at all

Stuart Russell OBE



A bubble is unavoidable just as with
all technological waves in history
after the initial excitement... **1% of
companies will stand out** and create
tremendous value for society after
the bubble

Bidu Founder, Robin Li



The **AI bubble will rhyme with
the dot-com bubble** and I
believe with the benefit of
hindsight, most of **the excess
of the dot-com bubble might
have been justified**

OpenAI Chairman, Bret Taylor

doomsayers



New York
9:32 AM

Yale School of Management

Yale SCHOOL OF MANAGEMENT
Chief Executive Leadership Institute

Question 4 - Can AI destroy humanity?

Response	Percentage
Potentially in one year	0%
Potentially in five years	8%
Potentially in ten years	34%
Never; I'm not worried	58%

ARTIFICIAL INTELLIGENCE FIRST MOVE

SURVEY: 42% OF BOSSES SAY ARTIFICIAL INTELLIGENCE COULD DESTROY HUMANITY IN NEXT FIVE TO 10 YEARS

CNN

AI pets could replace dogs and cats, but expert warns that 'long-term effects' are unknown

AI-powered robotic 'companions' can offer benefits but also pose risks, said expert Harvey Castro



By Angelica Stabile · Fox News

Published August 8, 2023 2:00am EDT

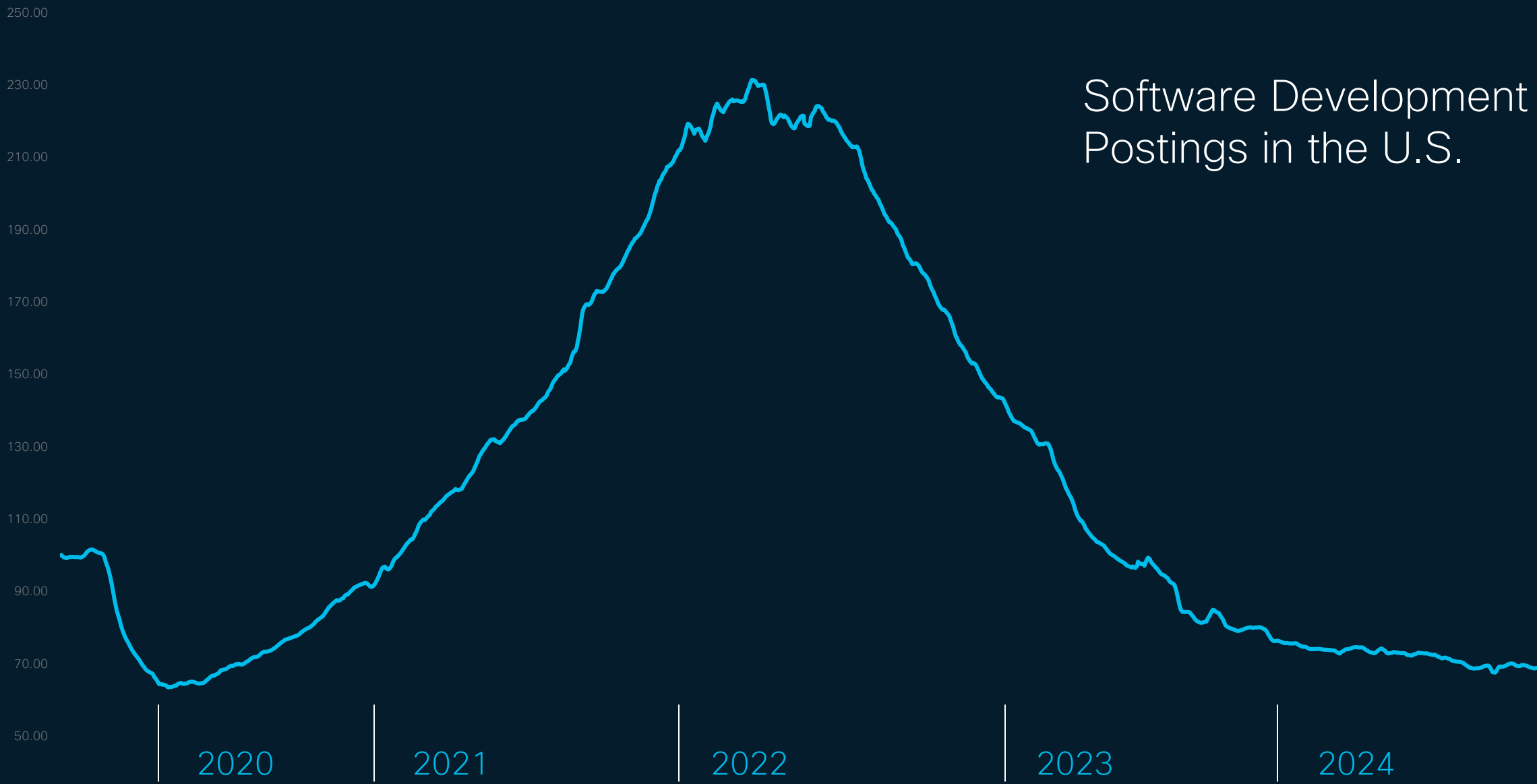
NPR

'Doomsday Clock' signals existential threats of nuclear war, climate disasters and AI

Earth, for the second year running, is nearing apocalypse, a science-oriented advocacy group said, pointing to its famous "Doomsday Clock"...

Jan 24, 2024





The background of the slide features stylized, dark blue tree branches that frame the central text. The branches are intricate and spread out across the top and sides of the image.

Innovation Scary Stories



TEDDY BEARS UNDER BAN OF SCHOOL TEACHERS

THE hundred thousand Teddy bears in the metropolis are on the verge of panic. Though the nature-faking controversy left them unscathed, a newer and greater peril confronts them. School teachers are declaring that the Teddy bear is a menace and must be abolished, and though the board of education has taken no official action in the matter and is not likely to, the agitation of Teddies in educational circles is growing very strong indeed.

The crusade against the bear started recently, when a gentleman came out with the claim that in replacing the doll was a pernicious substitution while the doll appealed to the natural instincts of a little girl. The teddy bear developed them along healthy lines, the Teddy bear is a menace.

Now the teachers have started a fight. Little girls, they say, formerly got their first lesson in sex through the natural instinct of cuddling their dolls with button holes. The Teddy bear, however, wears clothes, save possibly a sweater or cap, and is a date child who has developed the instinct of the intruder for the intrusion of button holes.

"The Teddy bear is a menace," said Miss Jane G. Close, a supervisory teacher of sewing in the New York schools. "The bear is keeping the children from the pleasure of caring for a doll. He can wear pretty frocks and dainty underwear, and the little girl who has him for a pet gets no incentive to make these things. Hence she loses the education involved in doing so."

TEDDY BEAR A FAD.

Hasn't Supplanted Doll in Childish Favor.

Easton Young Ones Haven't Turned Out Their Traditional Toy.

Many people have felt for a long time that carrying a "Teddy bear" is a fad which ought to be frowned upon. On this account the remarks Sunday of Rev. Fr M. G. Esper of St Joseph's Catholic church, St Joseph, Mich., touched responsive chords all over the country.

Fr Esper declared that little girls to be cuddling dolls and not bears. He believes dolls develop the maternal instinct. Fr Esper was very much in earnest, and went so far as to

the girls," said Miss Jane G. Close, a supervisory teacher of sewing in the New York schools. "The bear is keeping the children from the pleasure of caring for a doll. He can wear pretty frocks and dainty underwear, and the little girl who has him for a pet gets no incentive to make these things. Hence she loses the education involved in doing so."

can't think it will be a race suicide."

Another father said that the Teddy bear's advent has nothing. The average child learns that bears are ignorant or thoughtless little ones that if they are caught by the well-known picture of a bear in a low one. The toy bears children not to fear the bear and has corrected bad habits.

Take it all in all, B girls are willing to give place of honor in the home haven't turned the doll and home on account of

RIDICULE THE

New York Clergymen Women See No Danger in Bear's Popularity.

NEW YORK, July 8.—Clergymen and members of city mothers' clubs seen most a unit in declaring attack of the Michigan needless.

"Leave the bears alone and take the dogs away from the children," said

THE "TEDDY BEAR" AND RACE SUICIDE

St. Joe Priest Says the Popular Toy Destroys Instinct of Motherhood in Little Girls.

St. Joseph, Mich., July 8.—"Roosevelt hoist with his own petard: 'Teddy bear' responsible for race suicide," wrote a St. Joseph reporter when he went to the newspaper office, after listening to a sermon in church. Fr. Johnston says that the "Teddy bear" is a peril, three

TEDDY BEAR MENACES NATION.

By Rev. Father M. G. Esper



Race suicide, the gravest danger which fronts this nation to-day, is being fostered and encouraged by the fad for supplanting good old dolls of our childhood with the horrible monstrosity known as the "Teddy bear." The very instincts of motherhood in a girl are blunted and oftentimes destroyed when a child is allowed to lavish upon an unnatural toy of this character the loving care which is bestow upon a doll representing

the stinging sight has ever come to my eyes by the spectacle of a girl fondling and kissing these pseudo animals. I appeal to the American people that it will suffice to destroy the instinct of motherhood in its infancy, tested for a fad for these bundles of cloth, the most harmful and repulsive nature of the race.

CHICAGO LAUGHS OVER TEDDY BEAR BAITING

John Farson Is Only Prominent Resident to Rally to Support of Priest Who Says Fuzzy Toys Sow Seed of Future Race Suicide.

NO REPORT OF ROOSEVELT'S IDEAS IS GIVEN OUT HERE

The Rev. Johnston Myers Says Nature Fakes Are Not More Dangerous Pets Than Live Cats or Dogs—Society Women Amused

DENOUNCES TEDDY BEAR

St. Joseph, Mich., July 14.—The "Teddy Bear" fad was severely scored by Rev. Michael Esper from the pulpit in St. Joseph's Catholic church today. The priest held that the toy beasts in the hands of little girls were destroying all instincts of motherhood and in the future would be realized as one of the most powerful factors in race suicide.

Father Esper spoke earnestly to his congregation for 15 minutes on the subject, exhorting all parents to replace the "Teddy Bear" with the "Motherly" and discard the "Teddy Bear" forever.

cisco Live!

IT Leadership Program

Automatic Elevator Blamed in Part For Crime Rise

By ALICE HUGHES

DAY AFTER sexy Silvana Mangano, Italian film star of "Bitter Rice," got here to celebrate "Salt to Italian Film Week," her \$10,000 ring was stolen from her New York hotel room. It's no news to us New Yorkers that robbery in our town are as common as alfalfa.

Never a day or night passes without a bank holdup, a moving-picture box-office haul, a palatial home rifled or a fat cash payee snatched. Hotel robberies happen so often, it's like getting the weather report each morning.

Reasons for these thefts are numerous: an inside job, a "cat burglar," Harlem hoodlums, not enough police, etc. (and even private agents at times are suspect!). Now a new culprit is named: the automatic elevator.

ARE ROCK ISLAND WOMEN VAIN?

ELEVATOR BOY DECIDES THEY ARE

Are Rock Island women vain? This is a question that is often asked and is answered by both negative and affirmative replies. The young men in charge of the elevators in the office buildings and stores are unanimous in declaring that all women are vain. These youngsters base their conclusions upon personal observations, for it must be remembered that all the elevators as a rule are adorned with mirrors and the boys are accus-

have an undisputed right to use them. As long as the owners of office buildings ornament their elevators with mirrors, just so long will the women continue to use them for the purpose for which they were made and it remains for no man to lay down a law as to how they may admire themselves before a mirror. It therefore cannot be said that Rock Island women as far as known they adopted the ankle brace

Lewis, Chesterfield Of Senate, Cites Fate Of Anti-Hat Tipper

Washington, May 16. (AP)—Sen-

Samuel Lewis of Illinois—association for taking off hats being 2,266 years old.

B. C.," he said, "a Phocion tried which would have been from removing a gesture of respect."

At Phocion took this women sought equality, the senator assured failed to pass that the statesman power that he actions.

As asserted, is restory as a man of honesty, downright

Elevator Sickness.

Large number of people can never ride elevator without suffering more or less of faintness, and to

common sense and bluntness of speech.

"Not only did the law fail," added the senator, "but I report with a touch of sadness that Phocion was condemned to death in 317 B. C."

Drawing his conclusions from the ancients, the senator said he was afraid it was too late to revive the movement, as newspapermen and legislators here are trying to do by forming the Aptohe.

Asked if Phocion's fate had influenced him in his ideas about elevator hat doffers, the Chesterfield of the senate flicked a cucumber Greek silk handkerchief dangling from his breast pocket and replied:

"Ladies in elevators should never be concerned with whether I take off my hat or leave it on. They should be concerned with me."

The Elevator Sickness.

"Cases of elevator sickness are on the increase," said Dr. E. C. Knowlton, of Chicago. "When physicians first began to claim that there was such a thing as elevator sickness their statements were usually discredited, but it is now becoming well defined. Its effects are found in an increased number of cases of brain fever and disordered nervous systems. Every one has felt a sense of emptiness in their heads, a sensation as if they were falling when riding rapidly in an elevator, especially if it was going down. This creates a dizziness, slight it is true, but the constant repetition of which brings on headaches and often brain

the fact that all parts of the body are stopped at the same moment of time. Feet being next to the car floor, stop the car, while other portions of the body continue to move. If the body whole is arrested at the same time feet, there will be no sickness. This is done by placing the head and shoul-

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Cisco Confidential

isly himself of its truth.

**JAZZ MUSIC BLAMED
NOW FOR INDIGESTION.**

LONDON (AP)—Jazz music with meals is so stimulating that it takes too much blood away from the stomach and causes indigestion.

This is the latest conclusion of cultists who are battling against the epidemic of noisy bands in the cafes and restaurants of England and most of the continental countries.

Bands have become so numerous and so noisy in British cafes, restaurants and hotels that old-fashioned Britishers maintain it is no longer possible to dine publicly in peace.

A census of musicless restaurants and cafes on the continent gives the silence prize to Italy. Especially in Northern Italy most of the better class hotels and cafes either have no music or have dance

n
mary
Friday
Ward
reatest
ation.

**NOW JAZZ IS BLAMED
FOR BODY AILMENTS**

**Egyptians Had Perfect
Teeth at Death, Heidel-
berg Man Declares.**

By Associated Press.

BERLIN, March 8.—The hectic living of this modern jazz age is responsible for bodily ailments unknown to the old Egyptians, declares Dr. Arnold Sach of the University of Heidelberg, who has performed autopsies on thousands of inmates, some of which date back years.

**K. OF C. C.
MAY C**

**Campaign
Be Lau
land**

SPECIAL DISPATCH
WASHINGTON
Backed by cou
of the country
will be made
convention
bus to h
quarters o
New Have

which caused \$50 damage.

**JAZZ BOOKS BLAMED
FOR YOUTHS' SUICIDES**

New York Senator Tells of "Brood of Conceited, Insufferable Prigs"

NEW YORK, March 6 (AP).—To "jazz literature" that is producing a "brood of the most conceited and insufferable little prigs that ever happened," was laid the blame for the wave of youthful suicides by State Senator William L. Love, in a radio address today.

"Boys and girls with undeveloped minds, 'lop-sided' because they have in many cases skipped classes and have missed the ground work that our conservative educators intended them to have, are delving into the mysteries of philosophy and psychology without knowing what it is

**Jazz Blamed for
Large Number of
Deaths by Suicide**

New York, April 17.—Placing the number of deaths by suicide in the United States last year at between 15,000 and 16,000, Dr. Harry M. Warren, president of the Save-A-Life league, in his annual report, attributed a majority of efforts at suicide to the jazz spirit of the times and the fail-

calling for food.

**Jazz Blamed
For Everything**

of jazz," according returned to-day by on Sabbath and Family the Southern Presbyterian Church. The committee report, subm

**Jazz Blamed For
Delinquency of
Girls of Today**

Is jazz music responsible for the delinquency of young girls?

Rev. Phillip Yarrow, superintendent of the Vigilance Association of Chicago, says that it is.

Frank I. Ambler, chief probation officer of the juvenile court in Honolulu, says that he cannot trace any specific cases of delinquency to music alone, but that jazz, coupled with the dances

**TOO MUCH JAZZ BLAMED
FOR DOMESTIC TROUBLE**

STON, Mass., March 30.—(By onal News.)—Too much jazz cause for the domestic of his family, according to Tully, 51, charged in the court with non-support of and children. He said he to the idea of his wife dress-fourteen-year-old daughter ers and with constantly jazz on the victrola. money went to buy jazz rec- "the machine," he declared. "I never heard a good old Irish tune on it since it has been in the

AI is no
different.



The good stuff creeps up on us,
occurring slowly and quietly in
the background.

Scott Galloway





The AI Sentiment Scale



The AI Sentiment Scale

Enable people to do the best work of their lives

x AI as a force multiplier

Our Purpose



Vision

To be a user experience-led and AI-powered organization that we're proud of.



Values

- Trust
- Transparency
- Passion for your craft
- Kindness

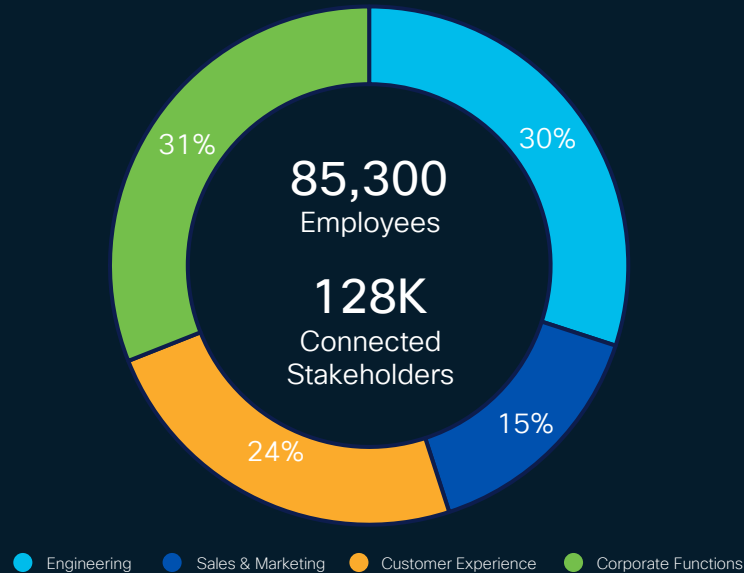
Our Goals

50% of all
IT work is
AI-powered

Reduce
employee task
friction by 50%

Cisco at a glance

Employee Distribution



5,663
Routers



7,633
LAN Switches

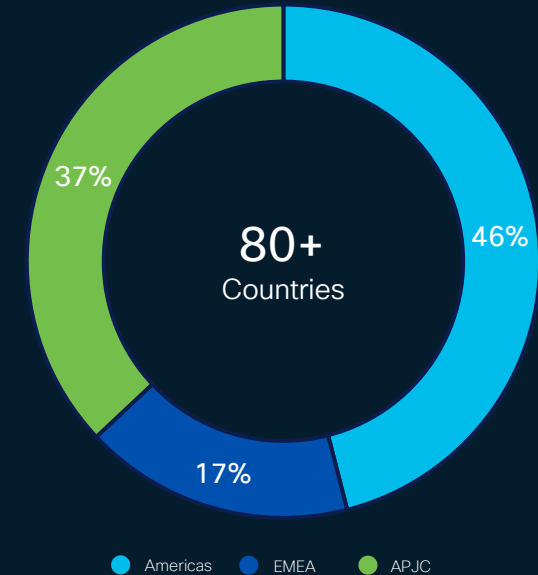


11,164
Unified Computing
System Servers



33.5B
DNS Requests
per Day

Global Cisco Distribution



27,684
Cisco Video Devices



71,096
Virtual Machines



61,483
Mobile Devices



130PB
Overall Usable Storage



1.52M
Webex Meetings per
Month



17.7M
DNS Threat Requests
Blocked per Day

Cisco IT Strategy



User Experience



Agile Ways of Working



Technology

Cisco IT Strategy



User Experience

- Prioritise the user experience
- Embrace user research-driven findings
- Eliminate employee friction



Agile Ways of Working



Technology

opportunity

Build a homepage that represents the day-to-day actions of our employees.

Find People. Find Apps. Find Support.

Simplifying the Employee Experience of our intranet

Making it easy to find people, access apps, & get support

The screenshot shows the Cisco Directory page for Lee Daniels, a Software Engineer. The page includes a profile picture, name, and title. It also features a 'Reporting Structure' table with columns for Name, Region, and Organization. The table lists several team members and their roles. On the left, there are sections for 'About', 'Work Hours', 'Contact', and 'Job Details'. The 'About' section mentions his role as a product-focused software engineer. The 'Work Hours' section shows his current location and time zone. The 'Contact' section lists his email and phone number. The 'Job Details' section provides information about his employee ID, job title, and location.

Directory

The screenshot shows the Cisco Apps page. It features a search bar at the top and a sidebar with categories like 'Cisco Essentials', 'My Favorites', 'Accessibility', 'Collaboration', 'Data & Analytics', 'Design', 'Engineering', 'Help & Security', 'HR & Employee', 'Productivity', 'Sales & Marketing', and 'Workplace Resources'. The main content area displays a 'FEATURED APP' section with a 'Too Many Tasks? Our Chat AI is Here to Help!' banner. Below this, there is a 'Most Popular' section with a grid of app cards, including '1Password', 'ADP ESS', 'Benefits Portal - US', 'Careers (Internal)', 'Concur', and 'Connected Cisco'. Each card includes a brief description and a 'More details' link.

Apps

The screenshot shows the Cisco HelpZone page. It features a search bar at the top and a sidebar with categories like 'Device', 'Pay & Benefits', 'Network Access', 'Apps', and 'Top Articles'. The main content area displays a 'Welcome, Kristin. We're here to help.' message. Below this, there is a 'Recommended results for Mac' section with a grid of article cards, including 'How to upgrade or update your Mac and address common issues', 'Mac - 1Password Setup & Install', and 'How to install, set up, and uninstall Windows Virtual Machine (VM) for Mac'. Each card includes a brief description and a 'More details' link.

Support

Employee Connection

wwwin.cisco.com



Home

P&C

Travel & Buying

IT

About Cisco

News

Directory

Support









Search the intranet for apps, people, and content

Find People

Find Apps

Find Support

ADP ESS

Careers (Internal)

Concur

Connected Cisco

Employee Discounts

Global Stock Plan

Smart Buy

Workday

Edit My Favorites

[Go to Apps >](#)

What's New at Cisco

↓ CSCO 54.78 -0.81 (-1.46%)

Today's News

Strategy

Announcements

Technology

Events

People & Purpose

Sales & Marketing



Technology

5 Reasons to Believe in Our Security Business

As Cybersecurity Awareness Month wraps up, check out some recent momentum in the Security business.

17 reactions



Events

Stay Up to Date: News from Cisco Partner Summit 2024

Find every press release, announcement



People & Purpose

450 Patents and Counting

Meet Joel Goergen, Cisco Fellow and IEEE Senior Member, who started the

Upcoming Events

86 days left in Q2 FY'25

OCT 31

Cybersecurity Awareness Month (Oct 1-31)

NOV 7

Webinar: Movember and Mental Health

NOV 13

Q1 FY25 Earnings Announcement

[Go to Calendar and Events >](#)

Poll

1 of 3

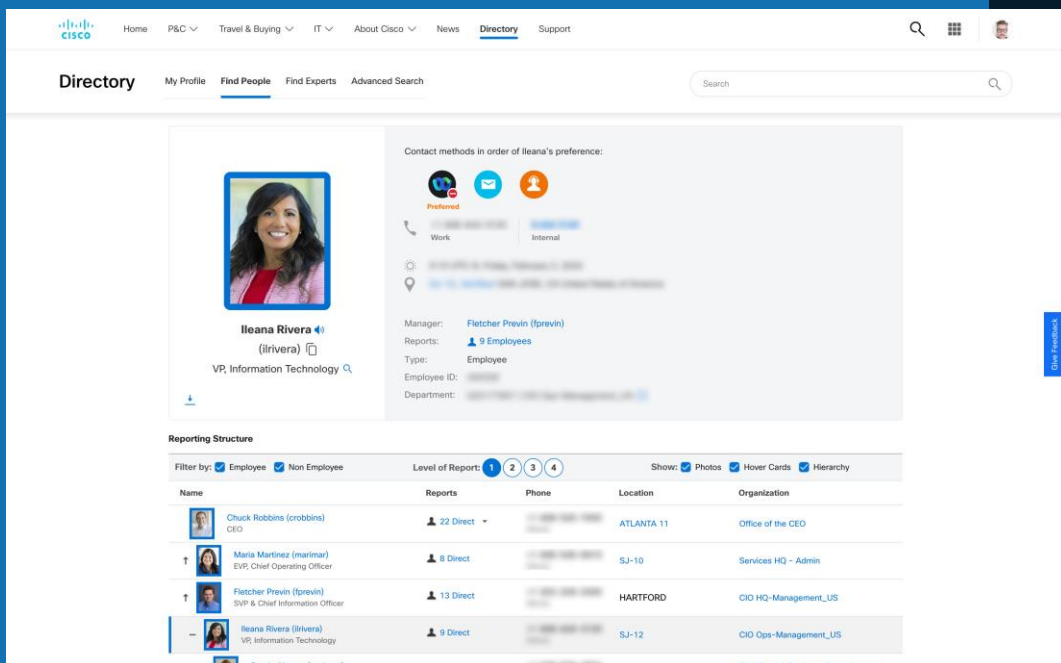


Give Feedback

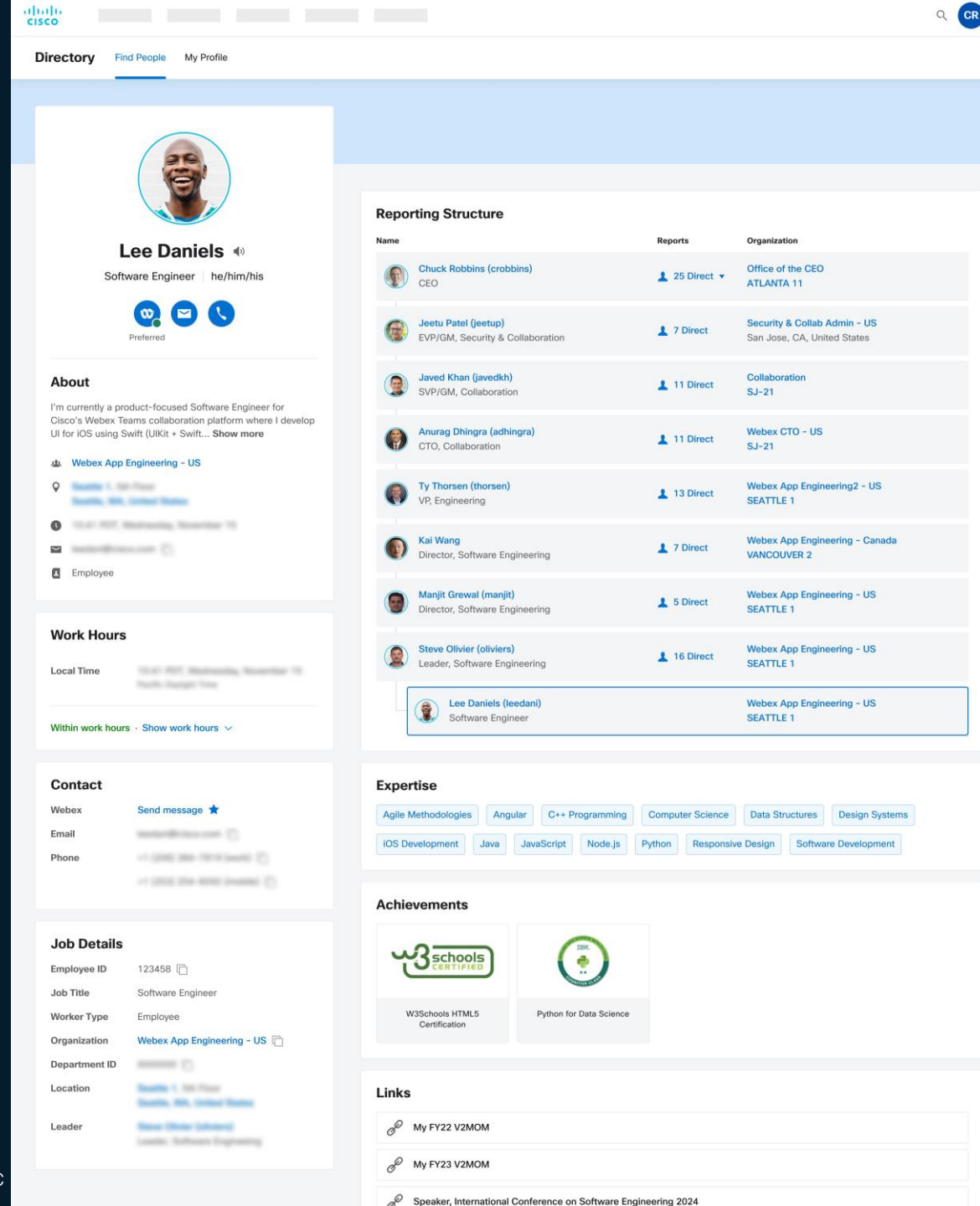
Cisco Confidential

Employee Directory Web App

Before

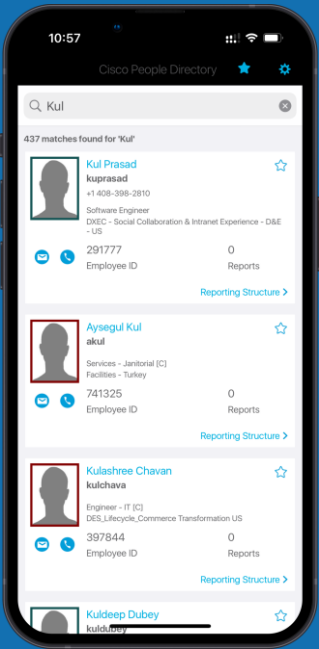


After

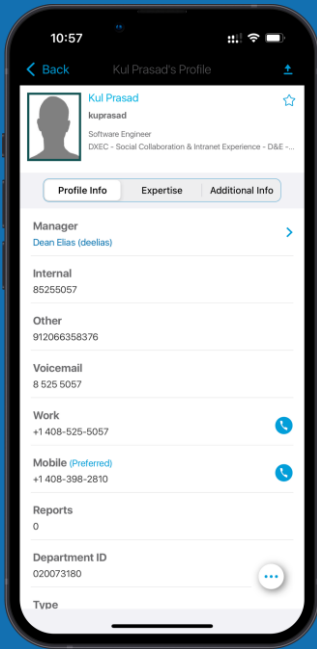


Employee Directory Web App

Before



Search Results

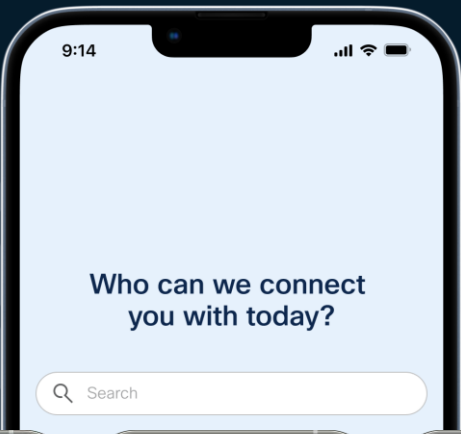
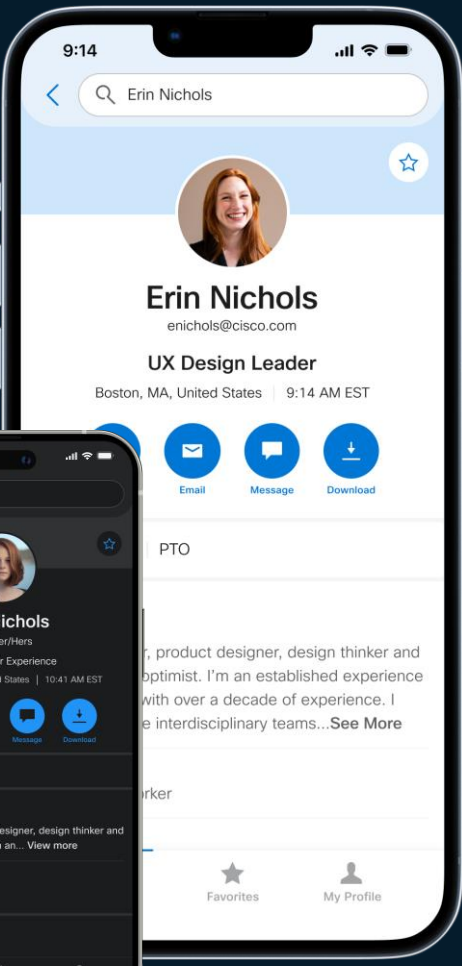


Profile Page

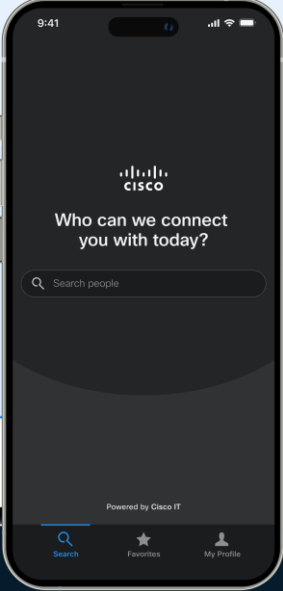
After

Welcome & Search

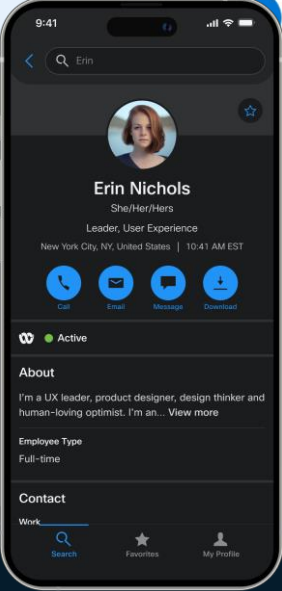
Contact Profile



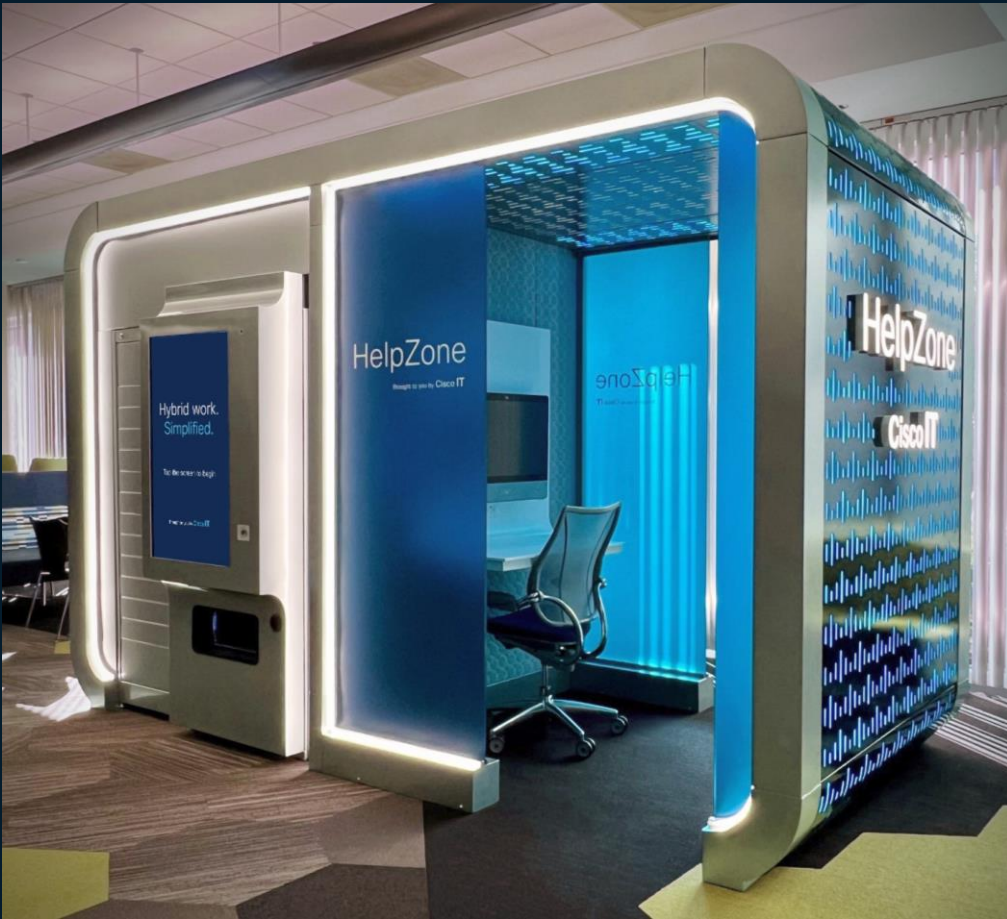
Caller ID



Dark mode



Offline access



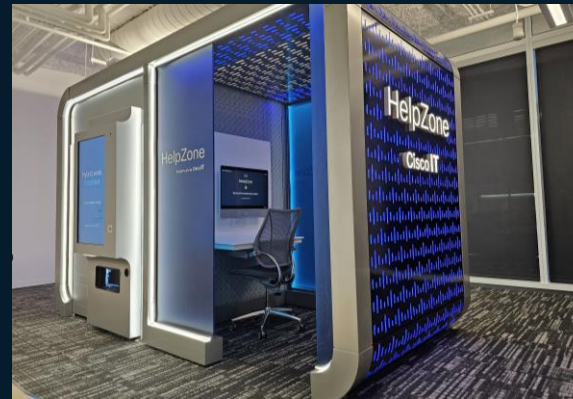
Research Triangle Park



San Jose



New York



Atlanta



Bedfont Lakes

📍 More HelpZone Kiosks opening globally

CISCO *Live!*
IT Leadership Program

Simplifying the IT experience for new hires

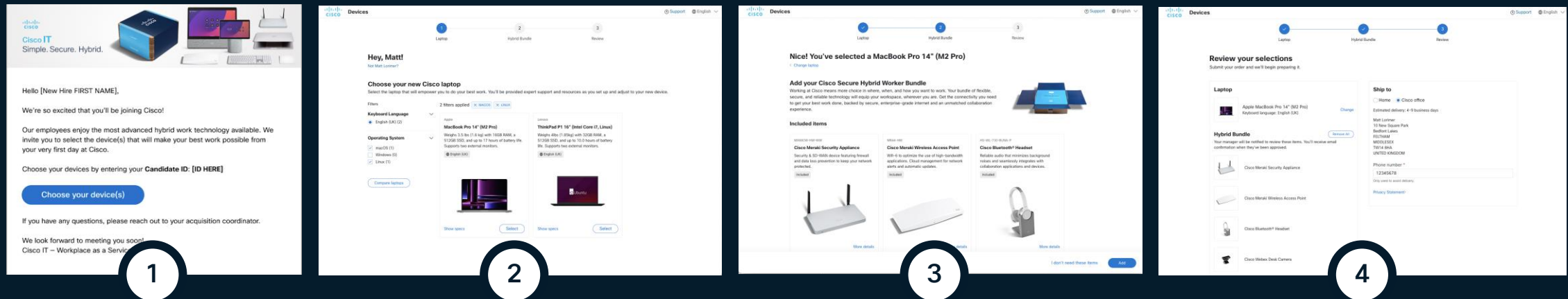
Before

Complicated 9-step process



Today

Simplified 4-step process



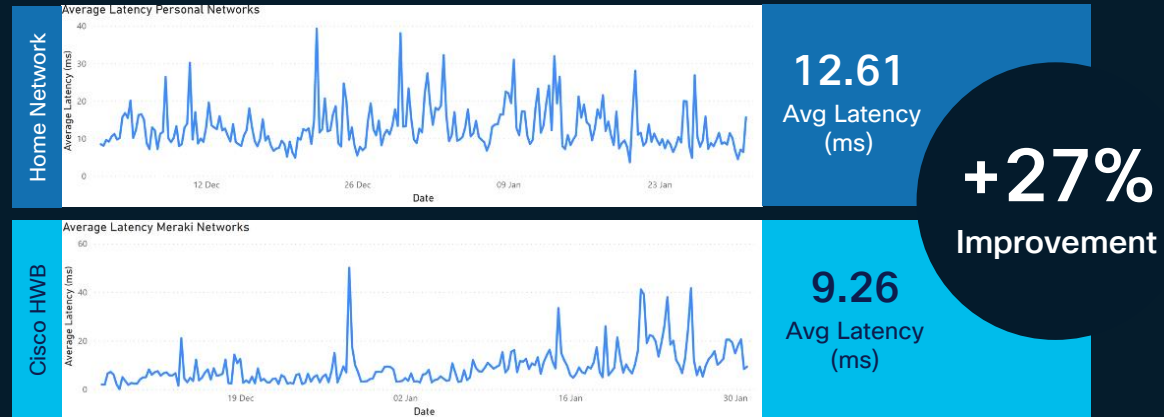
cisco *Live!*
IT Leadership Program

Hybrid Work

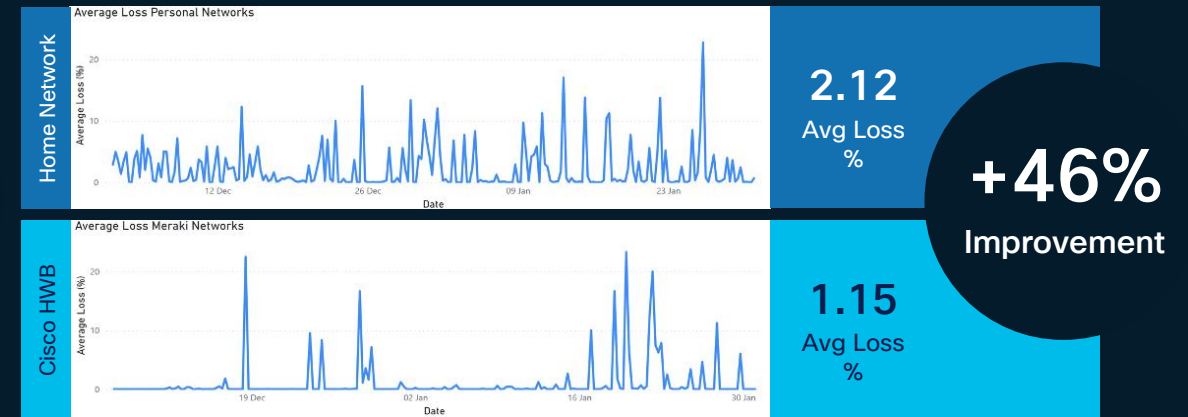


Cisco IT Hybrid Worker Bundle results

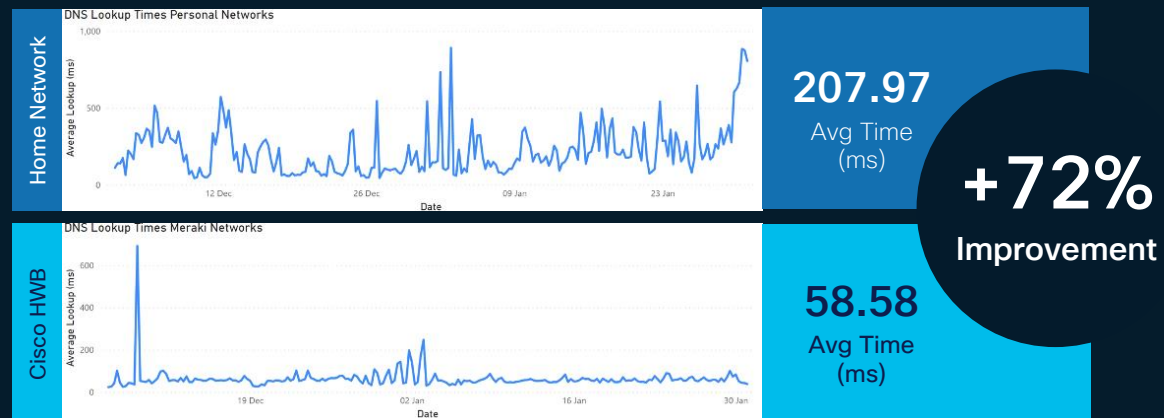
ThousandEyes – Latency, Local Gateway



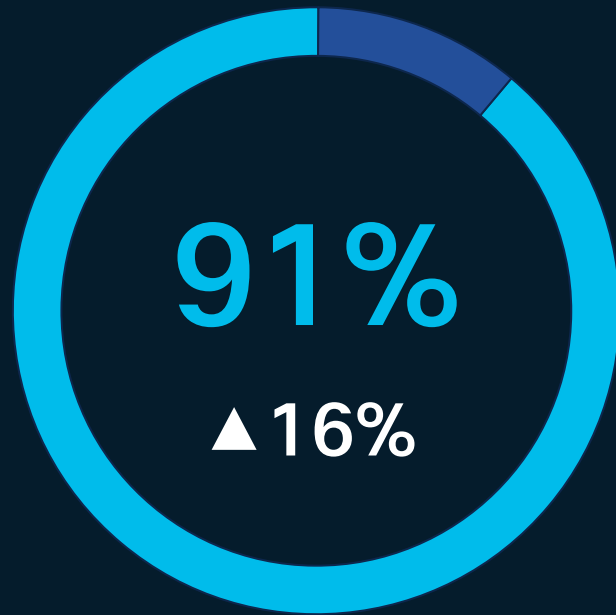
ThousandEyes – Loss, Local Gateway



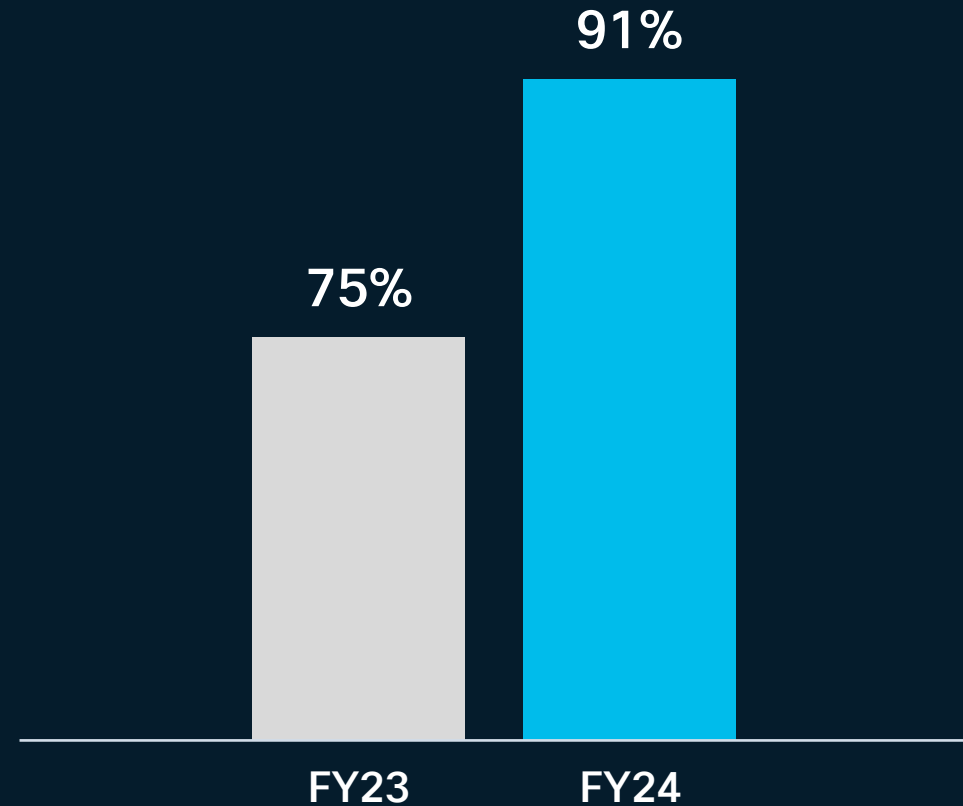
ThousandEyes – DNS Lookup Times



Employee IT sentiment YoY progress



My technology allows me
to work **productively**



* Quarterly IT Satisfaction Survey

Cisco IT Strategy



User Experience

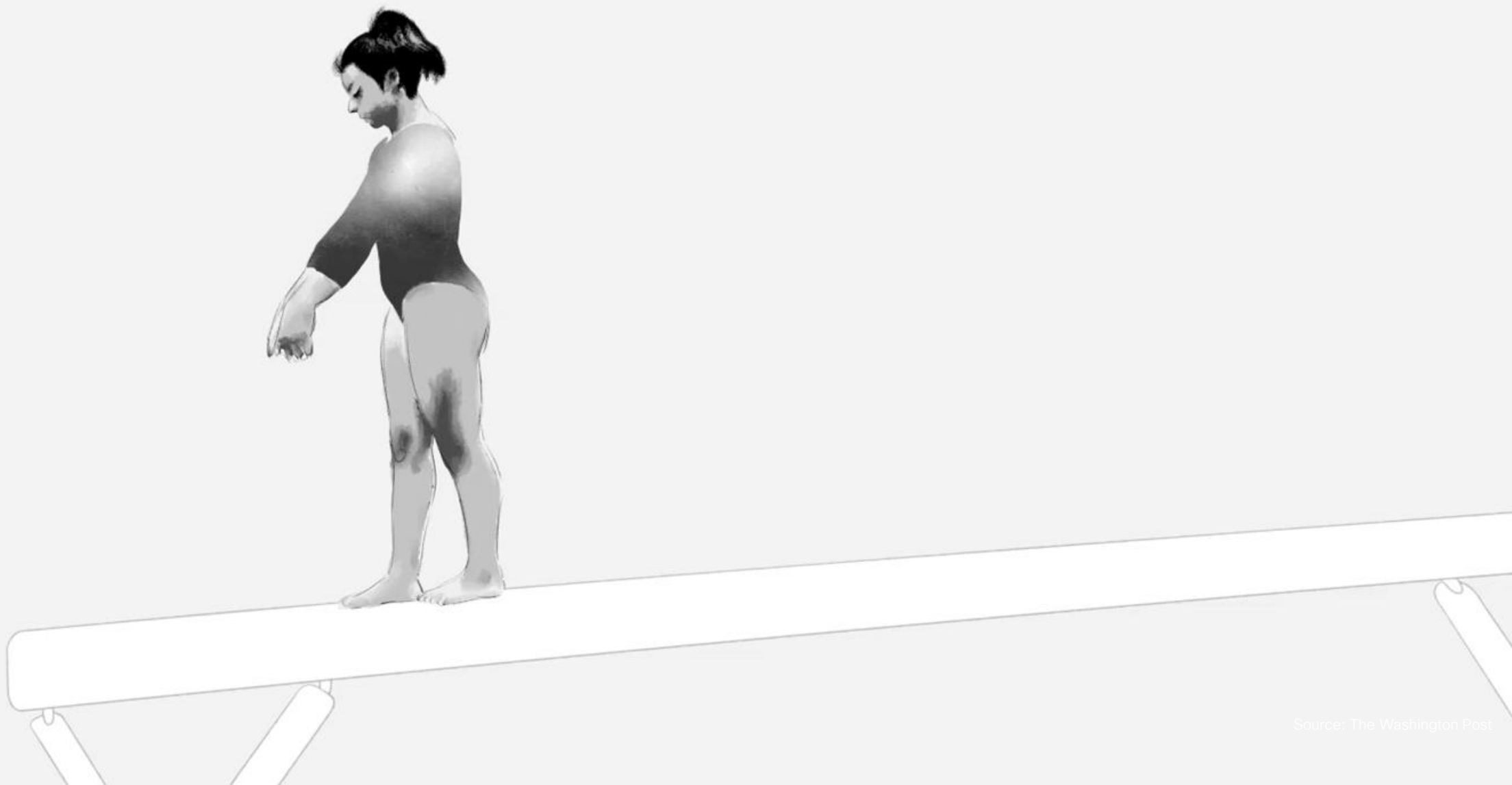


Agile Ways of Working

- Mature our Agile practices
- Create well-formed Agile teams
- Drive automation and quality through Engineering Excellence



Technology



Virtuosity

Performing the common
uncommonly well

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Virtuosity

Performing the common
uncommonly well

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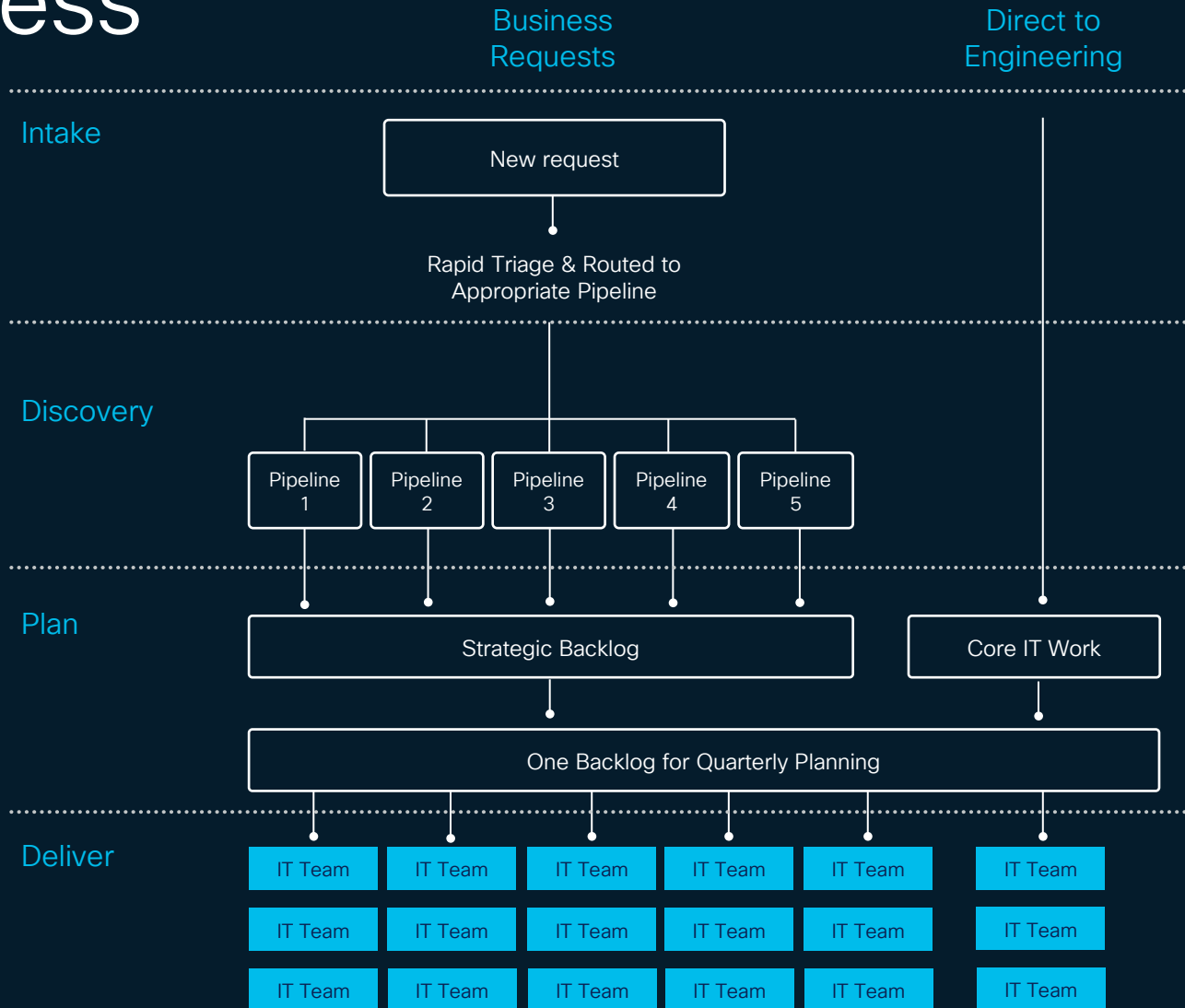
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Reforming 1,000+ engineering teams in Cisco IT

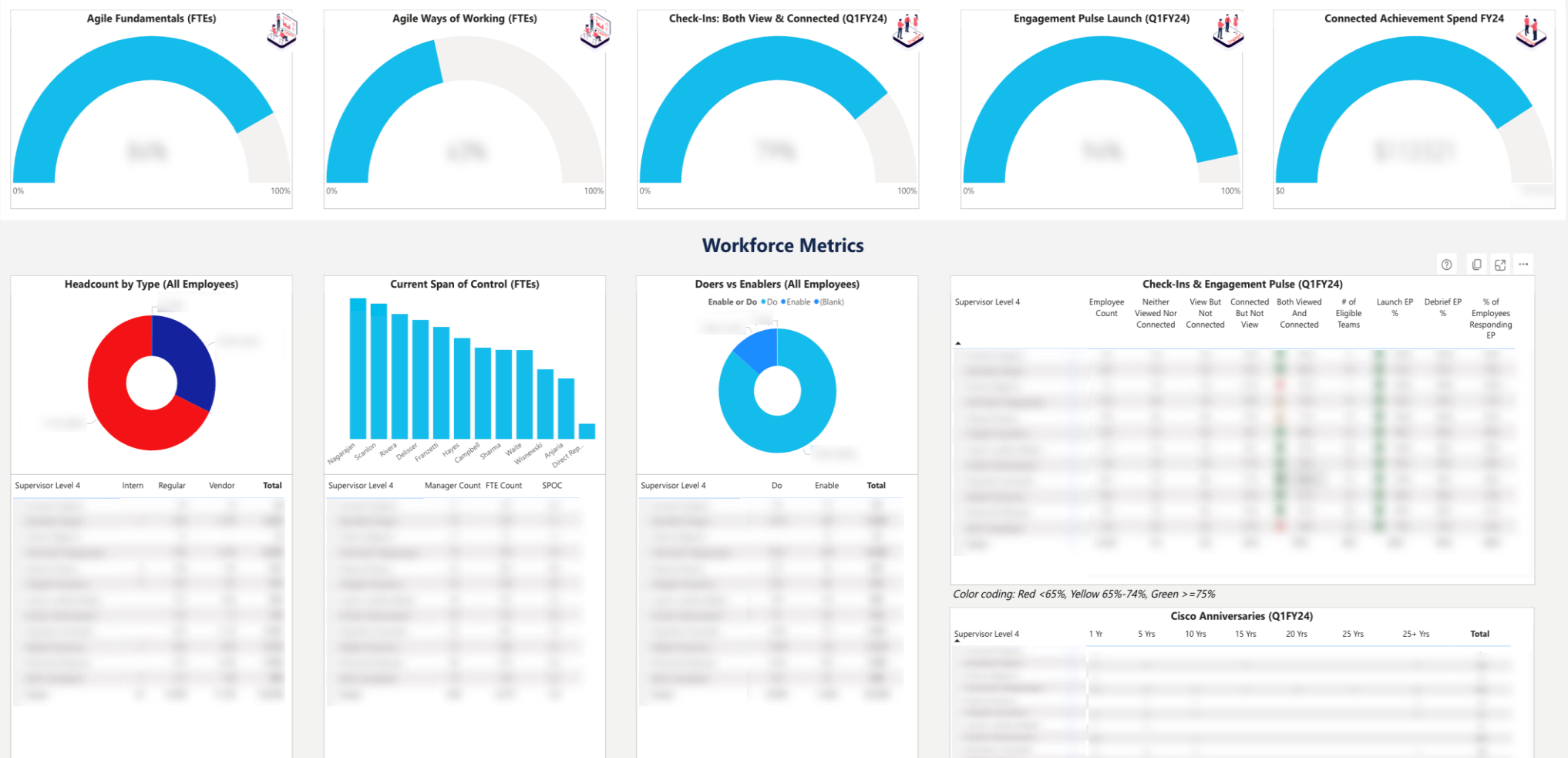
A well-formed agile team is small, dedicated and cross-functional. The team is stable, pulls work from a prioritised funnel when ready, and all aligned to the value.



Intake Process



IT Organisational Health



Cisco IT Strategy



User Experience



Agile Ways of Working



Technology

- Build the AI-powered IT organisation of the future
- Champion Cisco IT as customer zero
- Shift left to secure the enterprise

“...software developers **only spend 30-40% of their time** on feature development”

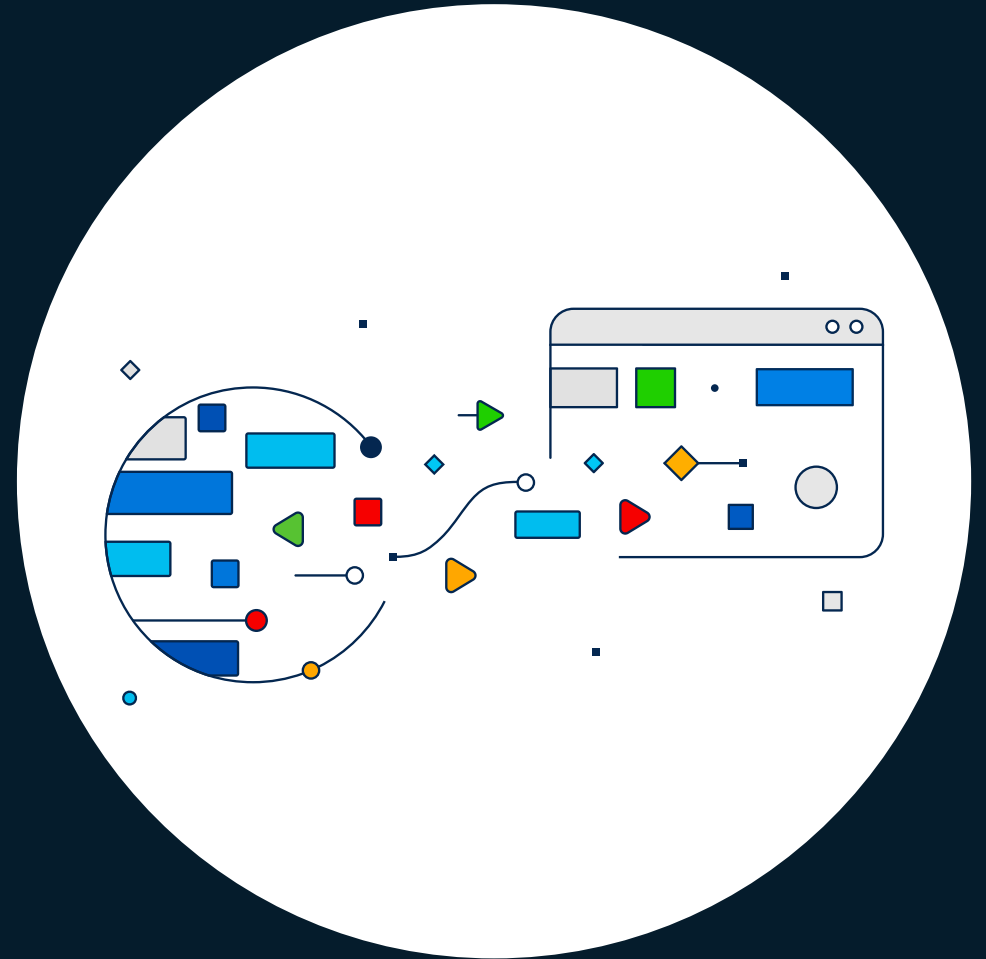
State of DevOps Report (2018, 2019)

“...software developers **only spend 30-40% of their time** on feature development”

State of DevOps Report (2018, 2019)

Boosting team productivity and reducing issues with shift-left

- ✓ Automated build process
- ✓ Code linting
- ✓ Github Co-Pilot
- ✓ Onboarding standards



AI as a force multiplier

Generative AI is like an industrial revolution for knowledge workers

Mass production of intellectual capital



Words



Images



Code

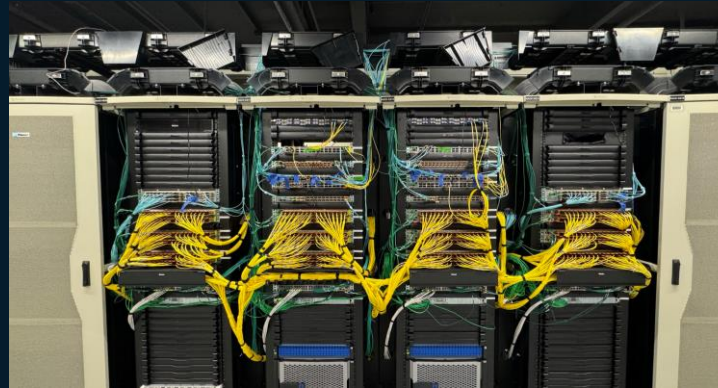


People want and
need more time...
AI can give it to them.

Building an AI Cluster



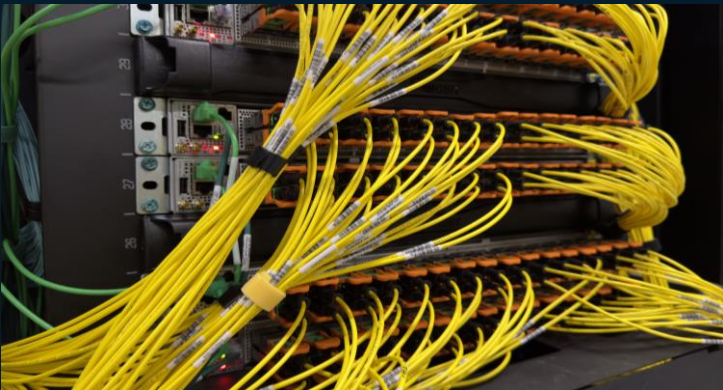
Cisco 8000 series Silicon One devices



Elevation of AI cluster network fabrics



Nvidia DGX compute server's front-side view



Cisco 8000 series Silicon One devices forming the low-latency 400G non-blocking Compute fabric.



Nvidia DGX compute server's rear-side view



Cisco's QDD-400G-DR4-S 400G optic providing network connectivity on the Network side for AI cluster's non-blocking Compute fabric

AI as a force multiplier



We are making progress. **Delivery is accelerating.**

IT throughput continues to improve year over year



33%

Increased throughput



65%

Reduced cycle time

We choose optimism
to design the future of IT.



Thank you