

Celebrating TI Contributions to the Information Age

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Thank You



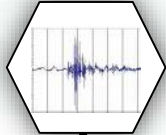
What I will share with you today

- Update on TI's key technologies
- Business update
- Changes in IT (then and now)
- Cybersecurity at TI

A history of innovation

1930s

Revolutionizes oil exploration by measuring reflected signals



1940s

Applies signal measurement to magnetic anomaly detection



1950s

Invents the integrated circuit



1960s

Invents the handheld calculator



1970s

Applies signal processing to consumer products



1980s

Introduces single-chip digital signal processor



1990s

Creates first apps processor for multi-media cell phones



2000s

Introduces world's fastest analog-to-digital converter and lowest-power DC-DC converter



2010s

Industry's first 300mm analog wafer fab





The innovation and emerging trends continue...

Industrial

Bringing high tech electronics to manufacturing, chemical plants and more



Smart Power & High Voltage

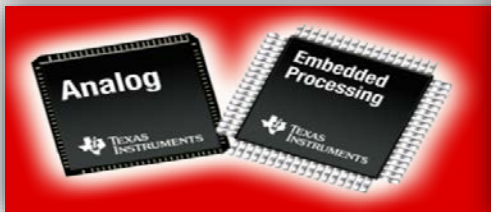
HealthTech

Portable devices that monitor vital signs and send details to doctor via smartphone



Communications

Making it easier to enjoy & share information. Cloud and IoT



Personal Electronics

Enable new product features



Wireless Infrastructure

Improve Networks



Automotive

Cars that brake or park automatically, enhanced safety & infotainment

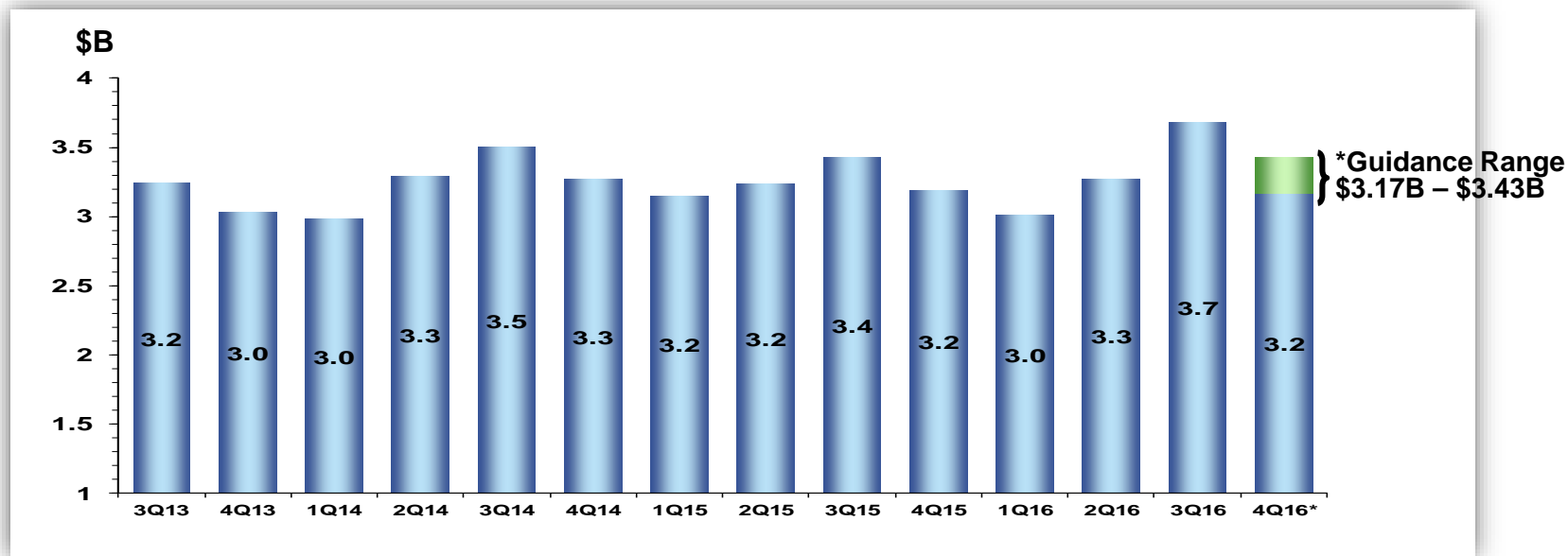


Industrial and automotive make up 46 percent of our revenue. Over the next 10-20 years, they will be the fastest growing markets for semiconductors.

TI Business Update



TI revenue



***For the fourth quarter of 2016, TI expects:**

- ❖ Revenue: range of \$3.17 billion to \$3.43 billion
- ❖ Earnings per share: between 76 and 86 cents

** Note: Guidance ranges as released by TI on and as of 10/26/2016. This presentation does not update or reaffirm those ranges or any other information included in that release.*

How we did in 3Q16

- Revenue increased 7% YoY; demand for our products continued to be strong in automotive, and improved in industrial. Demand in personal electronics was about even from a year ago.
- Combined, Analog and Embedded Processing comprised 85% of 3Q16 revenue.
- Continued focus on operational execution resulted in record gross margin of 62% which reflects the quality of our product portfolio and the efficiency of our manufacturing strategy, including the benefit of 300mm Analog production.
- Free cash flow for the last 12 months was up 8% YoY to \$3.8B, representing 29% of revenue.
- Increased dividend 32% to 50 cents per share per quarter, or \$2 annualized.

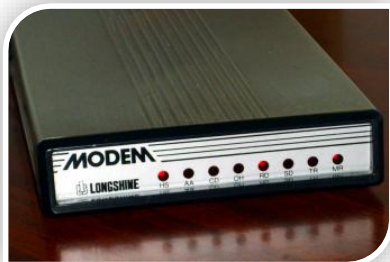
**A few IT changes (and perks for employees)
over the last few years....**

Ability to work remotely

Then

Need to work after hours?

- Drive in to work
- VPN was eventually available, but remember the speed of your modem?
- Security of the connection was limited



Now

It's almost too easy to work remotely now

- Check email on your phone
- Use VPN on high-speed internet
- Security of the connection – no problem - login with a two-factor passcode from a phone app



Evolution of the desk...

Then



Non-
collaborative
work spaces



Now

(for sites that have been updated)



- Open, collaborative work spaces
- Sit/stand desks (better for their health)

Computers at TI for employees have improved...

Then



Now



Dell touch screens

Macs are coming to TI!



Conference rooms have improved!

Then

- Small displays
- Multiple ways to schedule rooms – admins, Across, spreadsheets, etc..
- Tower computers in every room
- Overhead projector for transparencies (aka foils)

Now

- Flat screen mounted displays
- Schedule rooms directly from Outlook (invite a person, invite a room) or use touch screen outside the doors to schedule room and see room status
- Bring your laptop to display slides
- On line presentations



Other changes!

Then

- Punch cards!
- Spreadsheets or universal planning forms for lot starts
- Modplan
- TIOLR (documentation portal)
- MSG, Beyond Mail
- Desktop printers
- Sales force driving to visit customers
- Paper receipts for expense reports



Now

- Computer code – everything online
- Robust Supply Chain systems
- Finally replaced this year!
- SharePoint, Wiki's, servers
- Outlook, including web access
- "Follow Me" badge scanning printers
- Sales force + TI.com web presence
- Online expense system, including phone app

And, probably the most significant change in the last 3 years – **Cybersecurity...**

Cybersecurity

You've seen it in the news - cybersecurity threats are growing



Search CNN

2016 Washington Nation World Our Team

FBI sees Chinese
rise in economic



olen in
previously

TI is a target of sophisticated and persistent threats from outside groups.

Subject: Immediate
To: Chief Financial Officer
High Importance
Please process a wire trans amount of \$250,000 and copy by COB today. Wiring instru

RISK ASSESSMENT

Ashley Madison has worse than we thought

Intimate data for more than 30 million a

Business E-Mail Compromise
An Emerging Global Threat

- Public/Community Outreach
- Public Corruption
- Recruiting/Diversity
- Responding to Your Concerns

Economic espionage sponsored by the Chinese government is costing U.S. corporations hundreds of billions of dollars and more than two million jobs

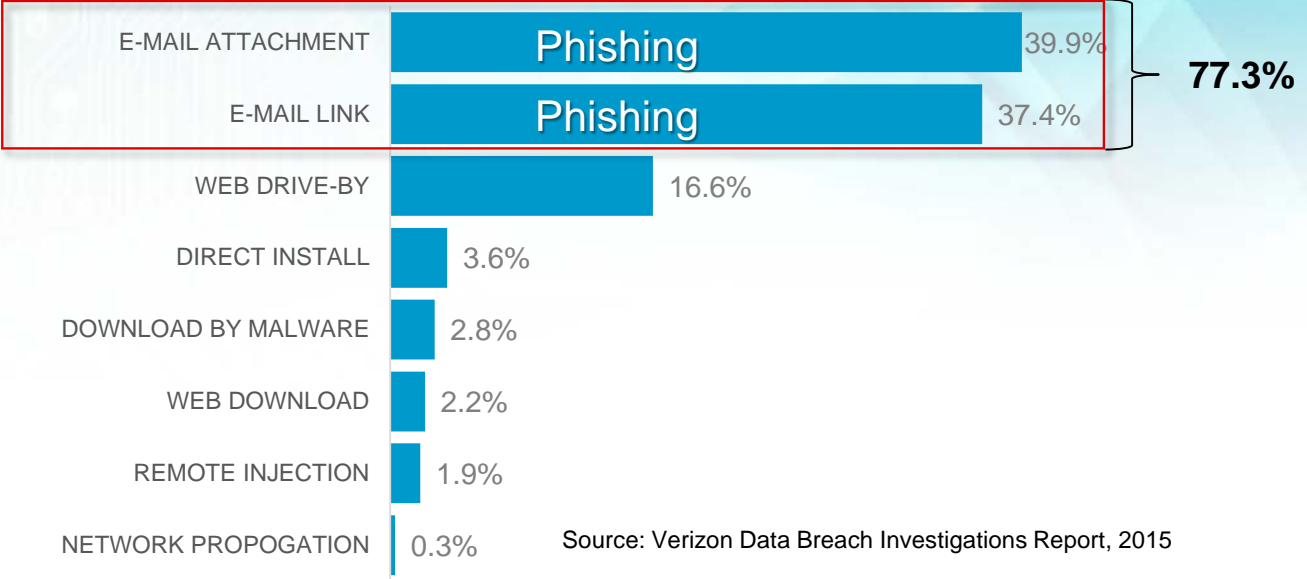
2016 JAN 17 CORRESPONDENT LESLEY STAHL COMMENTS 46 FACEBOOK 4.7K TWITTER STUMBLE MORE

Editor's Note: The author of the original article "A Harsh Winter for Sinovel and China's Wind Industry," which was later attached to the phishing email in this video, wishes it known that he was not involved in a cyberattack against American Superconductor.

The following is a script from "The Great Brain Robbery" which aired on Jan. 17, 2016. Lesley Stahl is the correspondent. Rich Bonin, producer.

Phishing (email to scam a user) is the most common threat from hackers

How does malware get installed?



Because of the increase in phishing, we now send 'simulated phishing email tests' at TI



Recent Phishing Campaign at TI

Purpose is to get individuals to take action

From: IT-DESK@ti.com [mailto:it-desk@ti.com]

Sent: Wednesday, June 15, 2016 10:47 AM

Subject: Your password is expired

Your account was recently signed in from a unknown Location. please [CLICK HERE](#) for verification to avoid account being suspended.

<http://pdx.weebly.com/>

pdxx.weebly.com

WARNING! We strongly advise you to prevent your account from being Terminated!

EMAIL

USERNAME *

PASSWORD *

VERIFY PASSWORD *

Submit

Proudly powered by Weebly

If you hover your cursor over the [CLICK HERE](#) link, you can see this is not a TI.com link.

Once you click, it takes you to a site and tries to trick you into entering your userid and password.

Spear phishing at TI

It may not always be about links or malware.

From: March, Kev
To: [REDACTED]@ti.com
Cc:
Subject: SALARY RE

From: Rich Templeton <rich@ti.com>
To: [REDACTED]
Cc:
Subject: New Project

Hello [REDACTED]

Kindly send me the

Thanks

We have been working on acquiring an overseas company. We finally are the last stage.

I have asked Andrew from Greenberg Traurig Maher LLP to get in contact with you.

He will need to gather the remaining accounting details for his filing. You have my full approval to process with any of his requests.

The SEC is overlooking the operation. Please keep the matter strictly confidential until we publicly announce it.

Thank you.

Rich

What you can do to help reduce phishing.

- **How to identify a phishing email (look for common tactics)**
 - Stress urgency and/or threats
 - Unusual requests
 - Spelling and bad grammar
 - URL / links do not match the actual target

1 	2 	3 
Hover over links to verify the actual destination	Don't open attachments in unsolicited emails	If an email seems suspicious, delete it or call the sender to verify

Summary



BEWARE
of the
domino effect

Click responsibly.

Don't be fooled by online scams.
One small online security mistake can
have a big effect on TI.

Think before you click.

- **Remember, YOU are a target:** Hackers are getting increasingly sophisticated (they will pretend to be the IRS, your bank, a friend)
- **Beware of phone calls:** You don't have to answer your phone if you don't recognize the number (hackers use phone calls to try to get you to take action)
- Beware of people **who appeal to your emotions or create a sense of urgency**
- If something seems suspicious, **there is probably a reason**

Thank you!