INNOVATIVE SOLUTIONS

Your Business. Secured!
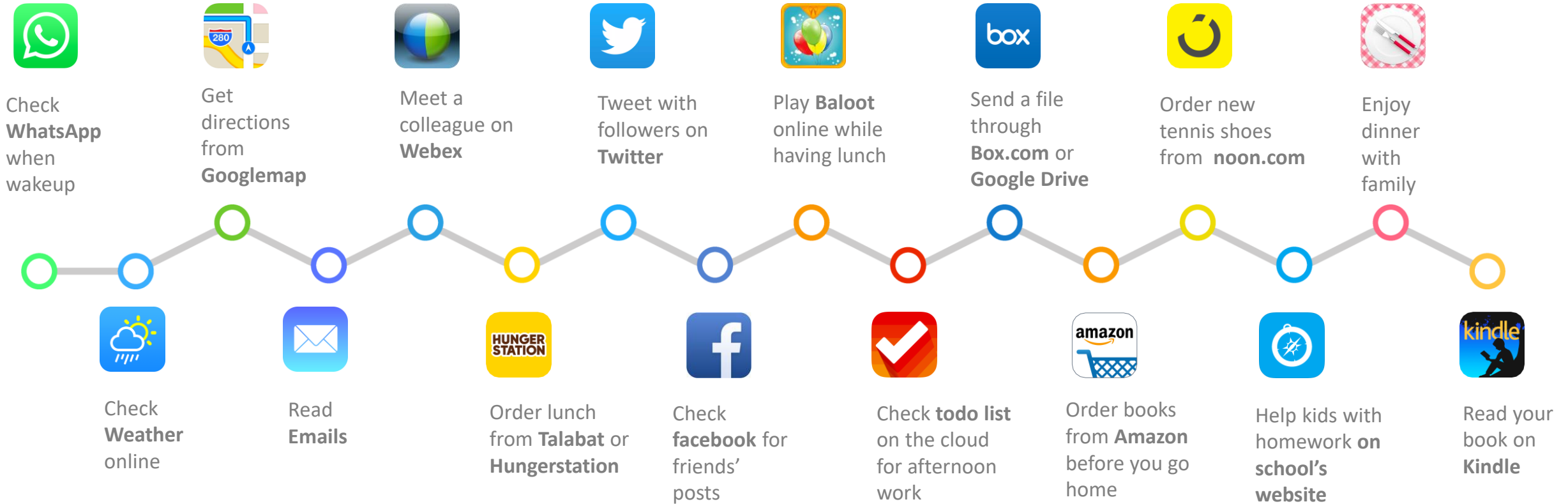
Cybersecurity:
Things we cannot ignore anymore

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Our **daily life**

Check **WhatsApp** when wakeup

Get directions from **Googlemap**

Meet a colleague on **Webex**

Tweet with followers on **Twitter**

Play **Baloot** online while having lunch

Send a file through **Box.com** or **Google Drive**

Order new tennis shoes from **noon.com**

Enjoy dinner with family

Check **Weather** online

Read **Emails**

Order lunch from **Talabat** or **Hungerstation**

Check **facebook** for friends' posts

Check **todo list** on the cloud for afternoon work

Order books from **Amazon** before you go home

Help kids with homework **on school's website**

Read your book on **Kindle**

So we cannot ignore it anymore

The **future** is already here

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Devices are getting connected

Health care systems

Financial systems

Weather info

SCADA systems

AI & ML is everywhere

Self Driving Cars

Data Analytics

Big Data

Drones

Cloud & Mobility

Info is becoming available

anywhere

anytime/

& in different channels

With that, **Cybersecurity** is a growing market

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$96 Billion

The market size of Cyber Security around the world in 2017 alone.

$7.6 B & 552 Deals

The number of Deals & Funding in cyber security startup companies in 2017

@ CBInsight

500 & 50k

The number of vendors exhibited in RSA Conference in 2018 and 50,000 attendees

@RSAC
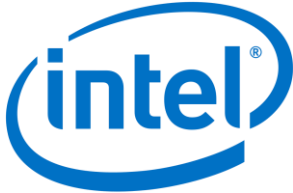
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Our **reliance** on Companies

And that provided us with huge **impact**

Intel Meltdown Spectre	**NotPetya** Ukraine's infrastructure went down	**Yahoo breach** Around 3 Billion customers' accounts hacked
WannaCry Ransomware Using Bitcoin (UK NHS 70k computers)	**Careem** 14 mil Customers & Captain data	**Facebook** 50 million

How we got here?

Our reuse of SOFTWARE to optimize, become efficient and cut time to market
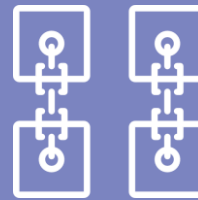
Use of Open source to cut cost and liberate from dependencies and share knowledge

Major software packages are written in millions of line of code
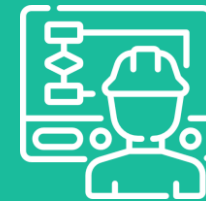
Complexity of **Cybersecurity**

65% of organizations use more than 5 security products, 50% of them use more than 5 security vendors

It is expected that 2 million cybersecurity positions will be vacant in 2019

@ISACA

Operating a 24x7 Security infrastructure is daunting with DevOps now, Cybersecurity is turned upside down
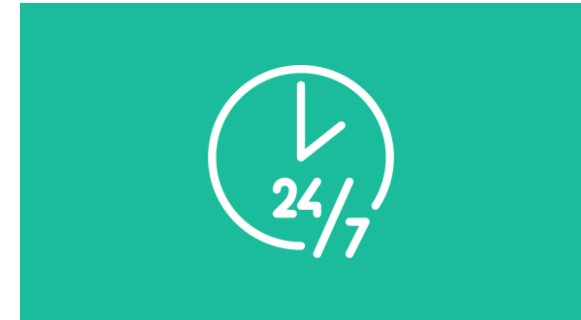
The battle with the **hacker** is a loosing game

We spend on protecting our infrastructure more than what they spend to hack it

We need to protect everything: human, physical, logical. They need only one target

We have to stay alert and monitor environment on 24x7. Time isn't issue for them

So **how to fix it?**

we cannot focus on bugs but focus on operational issues. We cannot look for the best product, we need to utilize what we have 100%

we need to embrace new technologies and find new ways to protect them. Cyber security must become an enabler not a blocker

we need to communicate with each other and share intelligence, failure, successs, automate, find insights. Empower people and enable them

THANK YOU!