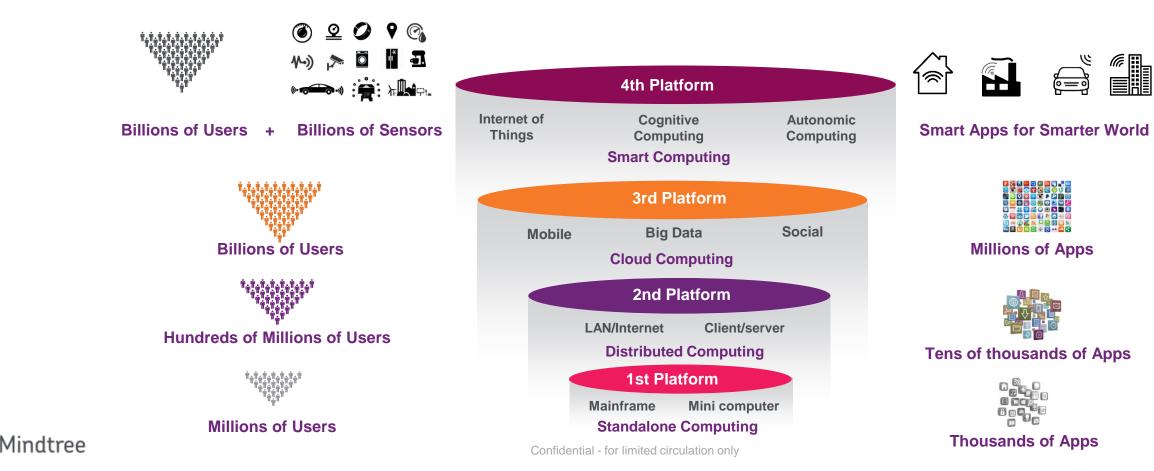
# Stepping into Emerging Horizons





### Mindtree Welcome to possible

### Emergence of fourth platform





### Recap from last year



#### Internet of Things



### Cognitive Computing



#### Autonomic Computing





### IoT enabled Connected Traveler









Pre-ordered movie and personal jukebox onboard

#### Taxi to home



### IoT Enablement for Hearing Aid

- Hearing Aid Companion App
- Remote setup by audiologists
- IFTTT integration for user driven recipes
- Environment data analytics to automatically suggest mode changes

- Integrates with Hearing Aid via D Bluetooth
- Phone acts as gateway to enable internet connectivity
- Machine Data analytics for audio & settings data from device combined with phone data to recommend settings
- smart devices



Improves usability for users while allowing them to maintain discretion Allows users to interact well with other

## IoT Possibilities – Our Point of View















- Safety & security
- Indoor navigation
- Home automation
- Energy monitoring
- Office automation

- Safety & security
- Condition based maintenance
- Dynamic pricing models
- **Connected Infotainment**
- Autonomous vehicles

- Workplace safety
- Health & Fitness
- Wellness management using implantable
- People tracking at workplace

Leasing & operating high value assets Predictive maintenance of industry machinery Near real time monitoring and provisioning of movable assets

Value Proposition

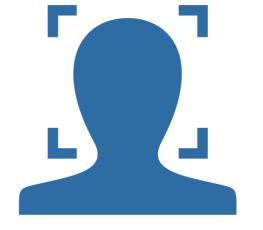
**Operational efficiency | Revenue maximization | Customer engagement | Safety & Security** 





## **Computer Vision**







**Visual Commerce** 

#### **Face Recognition**

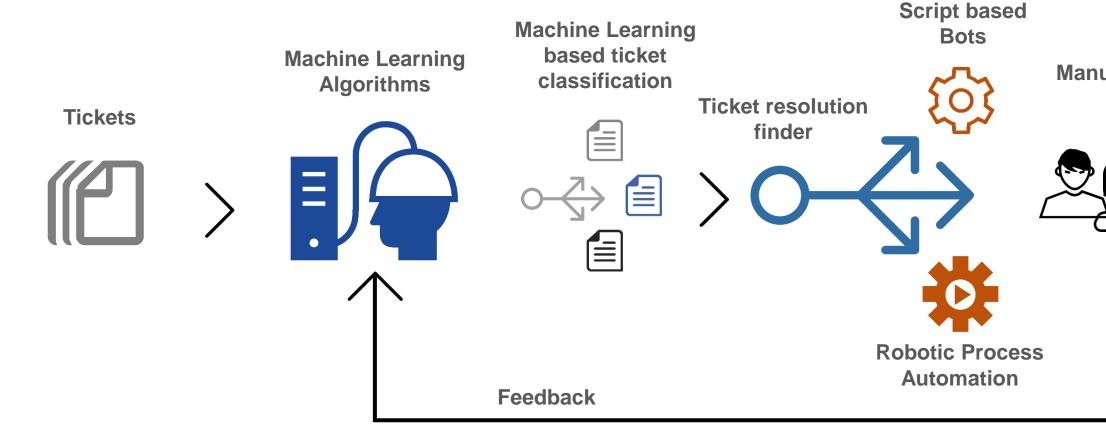
**Scene Detection** 



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# **Cognitive Automation**



🧼 Mindtree

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#### **Manual resolution**

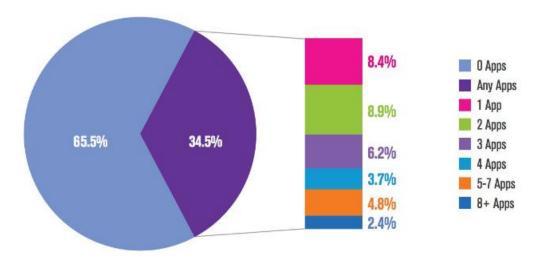


# App Fatigue



#### Smartphone Users' Number of App Downloads Per Month

Source: comScore MobiLens, U.S., Age 18+, 3 Month Average Ending June 2014

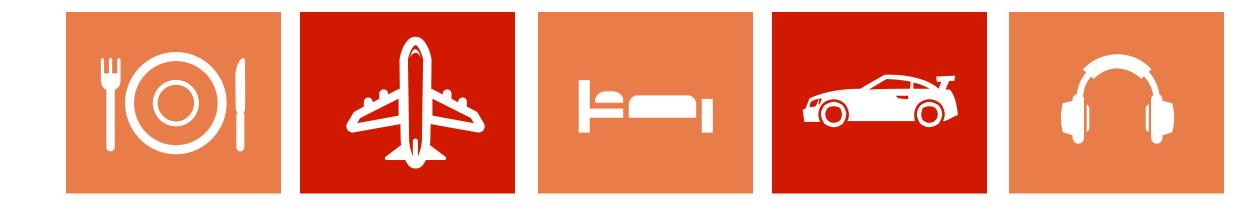


Most widely used mobile apps



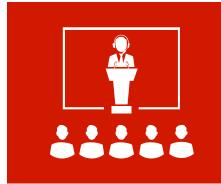


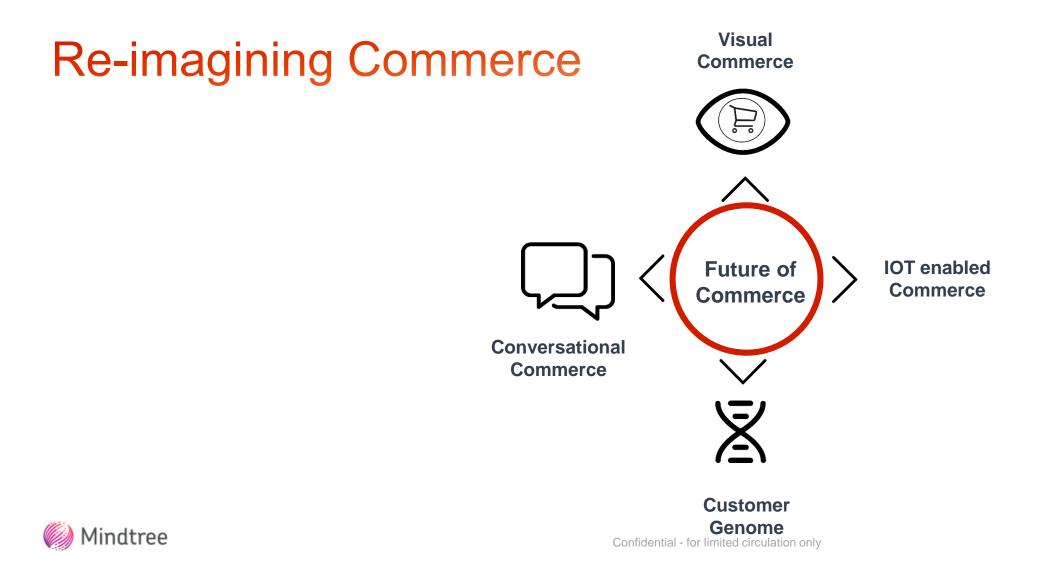
### **Possibilities with Chat Bots**





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# **Possibilities with Cognitive Computing**

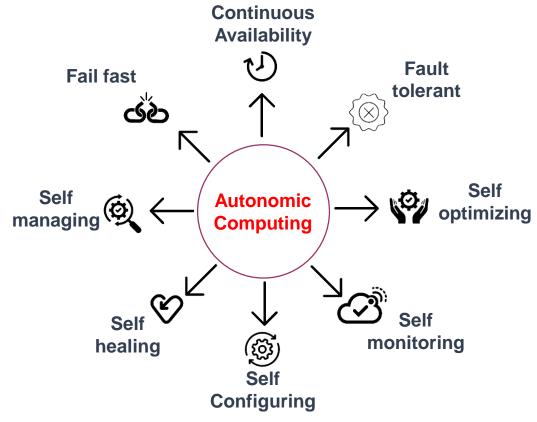






Prediction of loan defaulters **Conversational Banking** 

# **Autonomic Computing**



Airline	got garbag
Fault tolerant	Circuit Breaker patter
& Fail fast	Netflix Hysterix   Apac
Self managing	Resource manageme
& Self optimization	Apache Yarn   Apache
Self healing	Process managemen
& Self monitoring	Marathon
Continuous Availability	Distributed Computin
1	







#### rn using iche Chronos

#### ent frameworks like ne Mesos

#### nt frameworks like

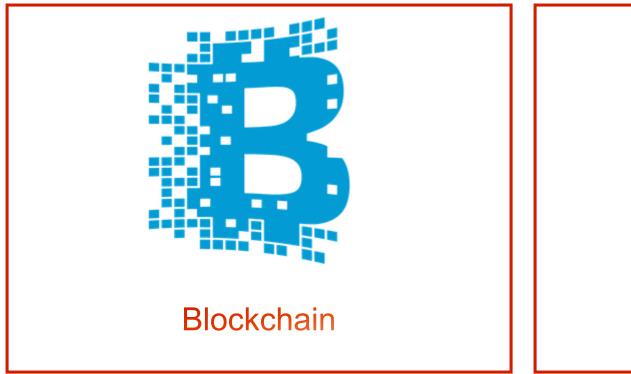
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# Future Trends



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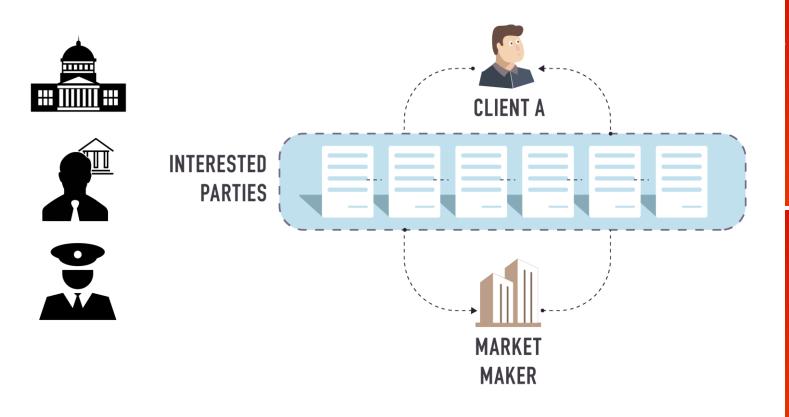
### Virtual Reality & Augmented Reality



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# Blockchain – Value proposition



#### **Technical benefits**

- **Distributed & decentralized**
- Transparent & immutable
- Secure
- Efficient

#### **Business benefits**

- Increased transparency •
- Lower cost per transaction
- Speed of execution
- Inherently fraud resistant



# **Blockchain – Possibilities**

FINANCE







- Securitization and risk transfer
- Real-time gross settlement systems
- Cross border payments
- Post-Trade processing & settlement

- Records of property ownership
- House rental agreement & payments
- Property tax reconciliation & management

- Digital ID verification (KYC documents)
- Content stamping system
- Notary services
- E-Voting
- Machine-to-machine commerce (digital identities)



### CONTRACTS

#### Intellectual property agreements

Collaborative commerce

Self executing wills

# Virtual & Augmented Reality



Education



Travel



**Real estate** 

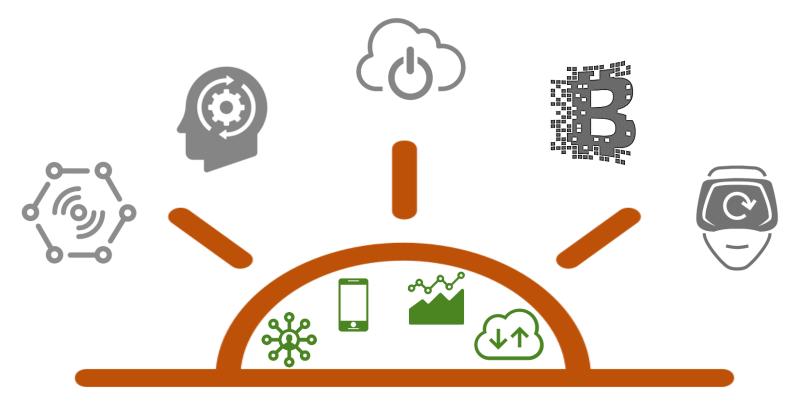


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#### Architecture

# Summary - Stepping into new horizons





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