Technology enablers in logistics for Andhra Pradesh

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Efficient Logistics is Getting Things Right

Logistics ensures the availability of
the right **product** at
the right **price** in
the right **quantity** in
the right **condition** at
the right **time** for
the right **cost** to
the right **customer**

Source: Prof Viswanathan

Who does what?

product **price**	⌒	**Producers,** **Importers & Exporters**
quantity **condition**	⌒	**Private Players**
time **cost**	⊃	**Private Players** **& Government**
customer	—	**Everyone**

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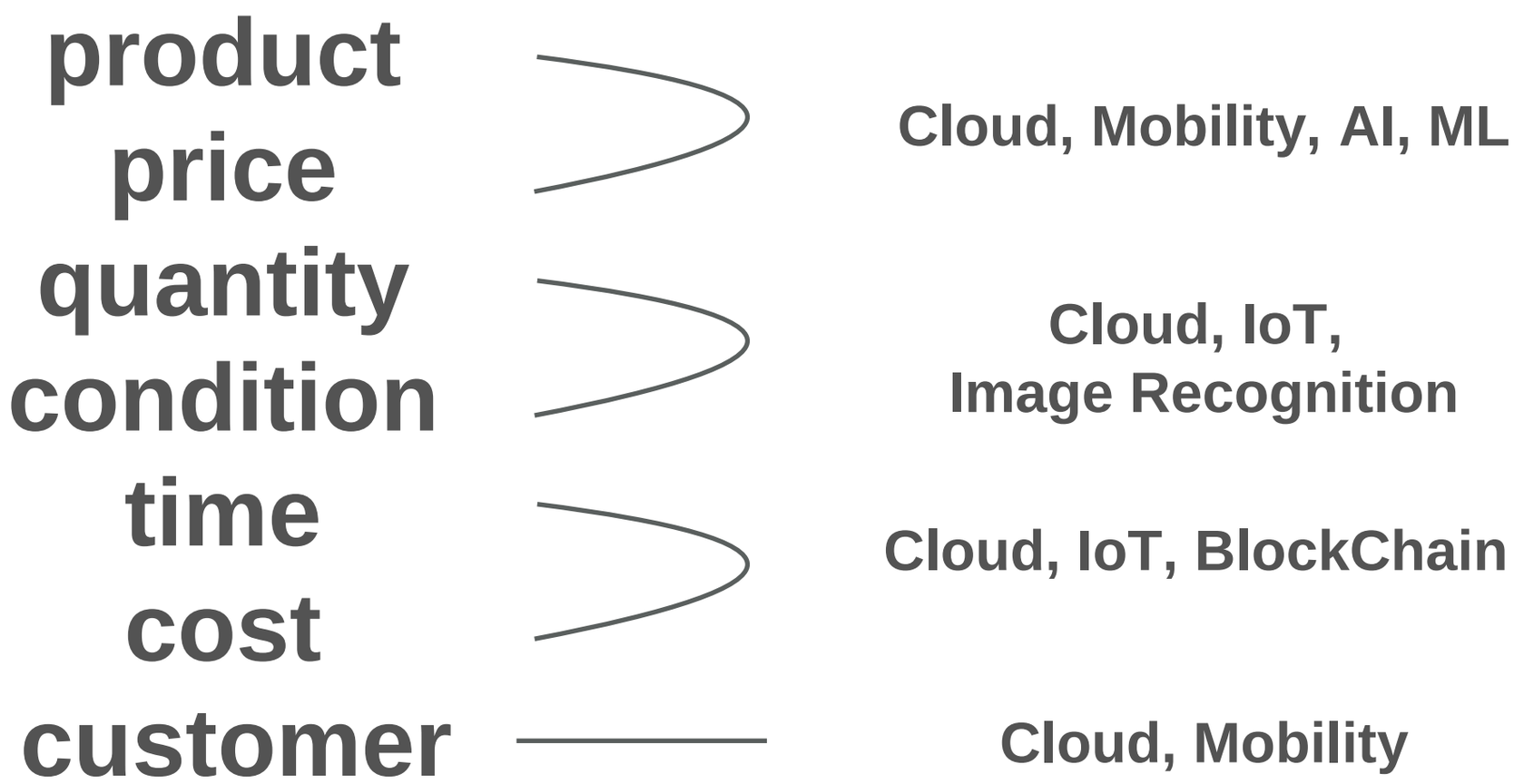
Where does technology fit?



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How pervasive are these technologies in the logistics industry?

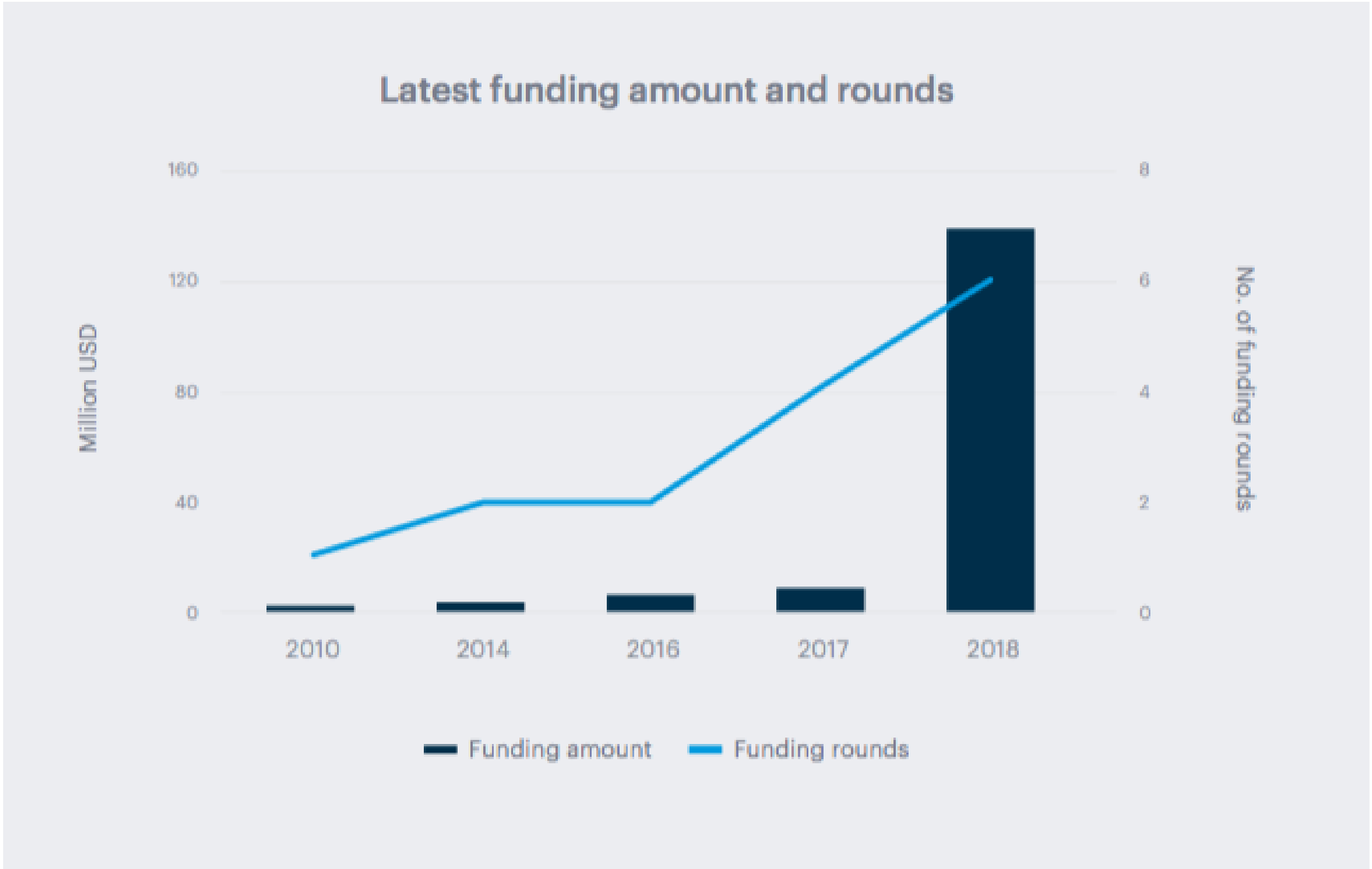
Barely

Barely

Most of supply chain has never been digitised.

At best, SAP internally and Whatsapp externally is the nearest digitisation we've seen

2018 for several reasons has been an inflection point



Source: Rainmaking Transport

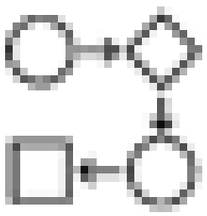
Where do we start?

Who starts first?

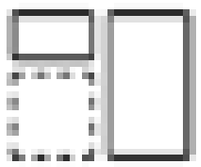
How do we start?

Identify the most essential needs

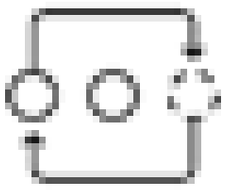
Service Blocks



Workflow



Visual Taskboards



Integration and APIs

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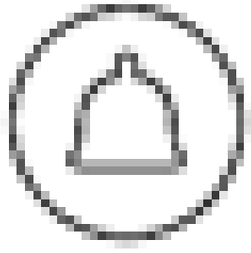
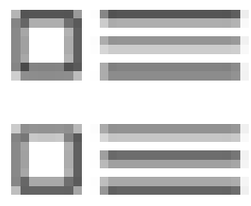
Build the experiences for stakeholders

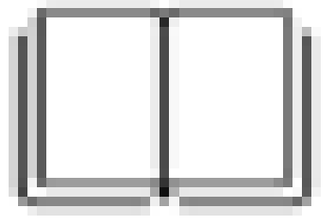
User Experiences



Status Notifications

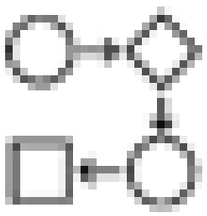


Service Catalog



Knowledge Base

Service Blocks



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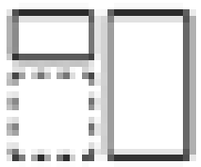

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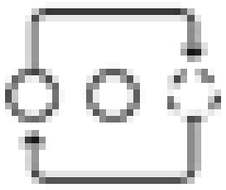

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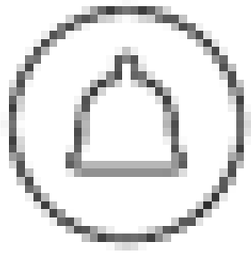
Add intelligence as we mature

User Experiences



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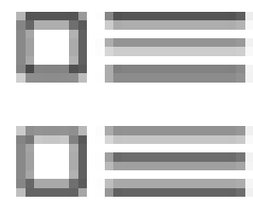

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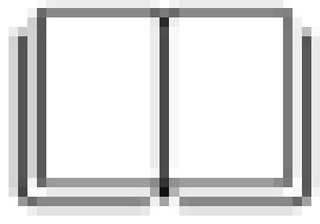
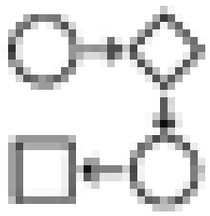


Knowledge Base

INTELLIGENCE

Service Blocks



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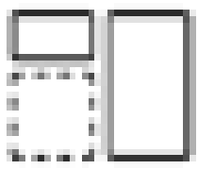

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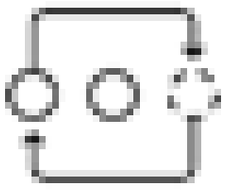

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IoT Platform Composition

Things, Sensors

Internet, Network

Software, Analytics

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How can truckers help themselves?

Location, Fuel Monitoring, Telemetrics are known to most but….

AppWeigh Bluetooth Enabled Weight Sensor for Air Suspension Trucks and Trailers

Accelerometer, temperature, gyroscope, humidity, magnetometer, pressure sensors

Where does Government play its part?

Recommendation 1

Make the policy consumption fully DIGITAL & EASY

What is available?
How does one get it and in what time frames?
How do I find answers when things go wrong?

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Recommendation 2

Incentivise IoT and encourage data sharing

How much space is left?
Where is my truck?
How can 3rd parties use it?

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Recommendation 3

Instrument infrastructure and publicly share data

How heavy is the truck?
How long does it take between A to B?
What are the traffic patterns?

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Digitise Processes to **Save Time**
Instrument Cargo Movement to **Drive Efficiency**
Monetise Assets to **Increase Revenue**

Painless Port Automation

End to End Port Operations

Gate Security Management

Asset Management

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Where to Start?

LEARN

PARTNER

EXPERIMENT

TEAM – **T**ogether **E**veryone **A**chieves **M**ore

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Thank you!

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