

Innovación para Conectar lo Desconectado

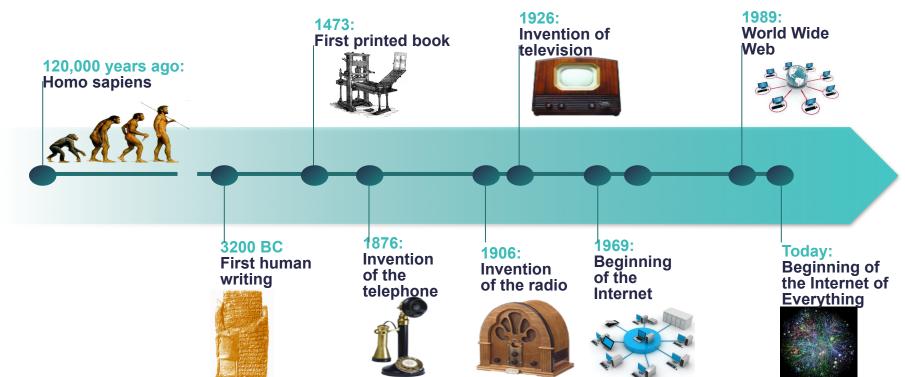
El Internet de Todo

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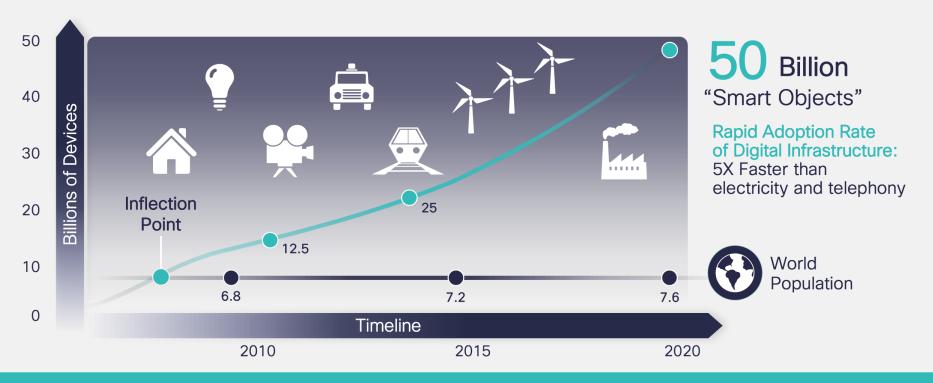


Innovations in Communications Have Transformed Humanity

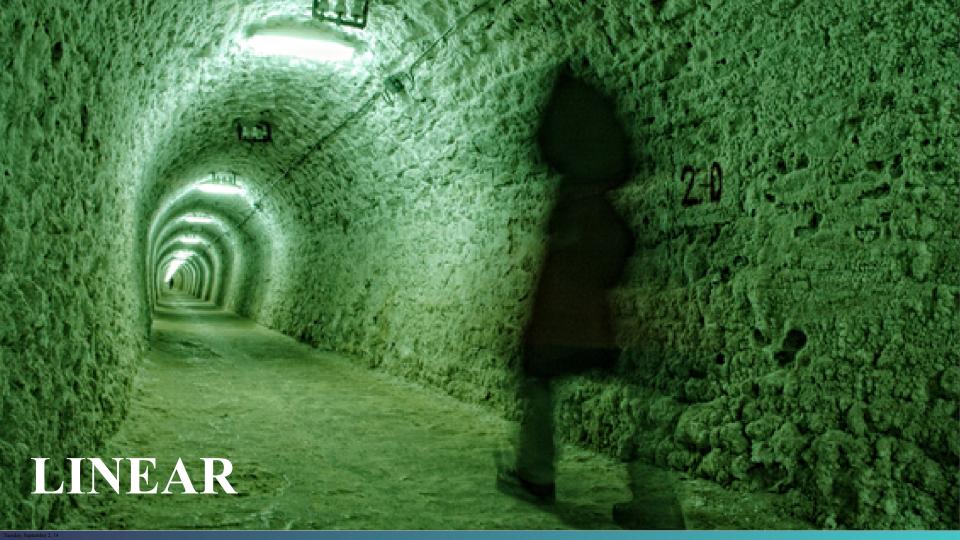


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IoT is Here Now – and Growing!



The New Essential Infrastructure





INFORMATION TECHNOLOGIES (OF ALL KINDS)

DOUBLE THEIR POWER ABOUT

(PRICE PERFORMANCE, CAPACITY, BANDWIDTH)

EVERYYEAR











Born Digital

Information, products, services, and supporting systems that align with expectations and behaviors of Generation C...consistently, seamlessly, across every screen in every scenario.



TECHNOLOGY & CONNECTIVITY ARE THE DISRUPTORS & ENABLERS

When You Connect the Unconnected, Everything Changes.....

People

Connecting People in More Relevant, Valuable Ways



Process

Delivering the Right Information to the Right Person (or Machine) at the Right Time

Data

Leveraging Data into More Useful Information for Decision Making





Things

Physical Devices and Objects Connected to the Internet and Each Other for Intelligent Decision Making (IoT)

We Call this The Internet of Everything

Interconnected with People, Process, Data and Technology Trends...

Make IoE a reality and

an opportunity

People

in More Relevant. Valuable Ways

Data

Leveraging Data into More Useful



Process

Delivering the Right Information to the Right Person (or Machine) at the Right Time

Physical Devices and Objects Connected to Other for Intelligent Decision Making





Today's technology trends accelerate the path to IoE



Cloud



Data



Mobile



Social



Security

Capture new value & deliver new experiences

With an opportunity to accelerate growth

Enable new business outcomes

Technology Trends are Enabling Business in New Ways

How do I cut cost and improve my business?



Cloud

Create a Secure, Optimized, Cloud-Enabled Infrastructure How do I create a more engaged and productive workforce?



Mobile

Enable a Secure, Mobile Workforce How can I create personalized customer experiences?



Social

Create one-to-one connections with Customers Anytime

How do I make better decisions... faster?



Data

Gain Access and Insight from Distributed Data to Speed Decisions

How do I handle a dynamic threat landscape created by increased connections?



Security

Protect Valuable Assets and Reputation in Real-Time

Smart Cities



Cities Have Traditionally Addressed These Issues in Silos

Every city department makes investments independently resulting in:

- No sharing of infrastructure costs and IT resources
- No sharing of intelligence/information, e.g., video feeds, data from sensors, etc.
- Waste and duplication of investment and effort
- Difficulty in scaling infrastructure management













This fragmented approach is inefficient, has limited effectiveness, and is not economical

City Infographics



Smart Grid Project – Sites selected for the field test

Barueri

- **62.000 Clients**
- Annual consumption 1.2 millions MWh
- 304 Km of MV overhead power grid
- Complete project
- Smart Grid concept proof

Vargem Grande + Caucaia do Alto

- **32.289 Clients**
- Annual consumption 178.000 MWh
- 374 Km of MV overhead power grid
- Self-Healing and Fault detection functionalities





Reasons for selecting the sites

AES Eletropaulo representative model:

- Metropolitan area
- Similar client profile
- Consumption
- Power grid (short feeders and mesh)
- Similar performance indicators

AES Eletropaulo different characteristics:

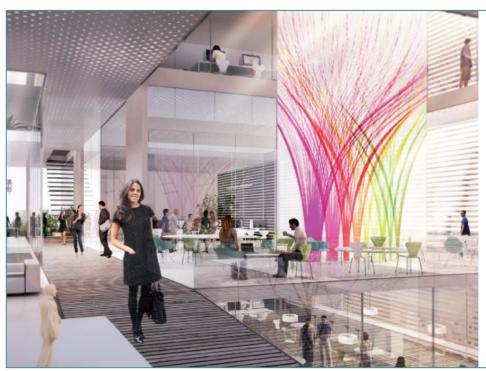
- Rural area
- Environmental Protected Area
- Long circuits = 100 km
- Isolated feeders = 23 kV
- Bad performance indicators





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Ciudad inteligente

La ciudad como un ente que se adapta a su entorno de manera inmediata, que responde en tiempo real a las necesidades de la comunidad, a las actividades que ahí se realizan y a las condiciones ambientales gracias a una serie de sensores y dispositivos enlazados con el Centro de Datos que inciden positivamente en la economía, la productividad y sustentabilidad.

CCD contará con sensores que medirán y controlarán el estado de las áreas verdes, el alumbrado público, la seguridad de la zona y el suministro de agua, entre otros servicios. Habrá una serie de kioscos digitales de información, con datos relevantes y actualizados para los usuarios y contará con servicios de wi-fi accesible para todos los usuarios.

Quiénes somos

Qué hacemos

Nos inspira

Internet libre

Trámites

Noticias

Contacto



Nuestra estrategia



Innov<u>ación</u> social

La comunidad identifica problemáticas y genera soluciones.



Sostenibilidad

Asegurar que recursos y soluciones perduren en el tiempo.



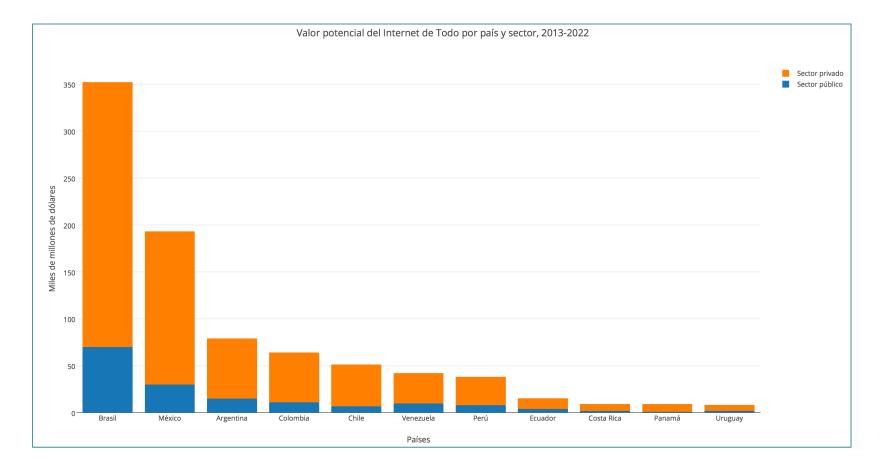
Gobierno abierto

Datos abiertos de la administración local para la ciudadanía.



Participación ciudadana

Permitir que la comunidad se exprese, coopere e intervenga.



http://www.mediatelecom.com.mx/index.php/agencia-informativa/noticias/item/87622-am%C3%A9rica-latina-necesita-con-urgencia-digitalizar-la-industria-cisco

Technology Approach: Fast IT

SIMPLE SMART SECURE Simplify your **Defend** against **Create** intelligent network capabilities infrastructure attacks and and integrate and services that mitigate threats fuel growth dynamically across silos

If you want to go fast, go alone.

If you want to go far, go together.

- African Proverb -

Focus on Collaboration











The Internet of Everything Is Fueling a New Era of Connected Growth and Innovation

THE FUTURE IS NOW



CISCO TOMORROW starts here.