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2010 and Beyond

The Challenges in Higher Education

Challenges for Higher Education Environments

- Creating Collaborative Environments
- Reorienting Student Services
- Network Access
- Learning Environment Innovations
- Administrative Responsiveness
- Funding
- Network Infrastructure
- Campus & Personal Security



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So who is NEC and why?

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NEC Overview

	<i>Revenue A\$45b</i> <i>Employees 135,000</i> <i>Subsidiaries 328</i> <i>Innovation Integration Computing and Communications</i>
	<i>Longstanding Environmental Policy</i> <i>Forestation –Kangaroo Island</i> <i>Technology – Power Reduction</i> <i>Bio-plastics</i>
	<i>Regional Sales and Service Coverage</i> <i>Multi-vendor Services</i> <i>Research and Development</i>

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Business domains / main products and services

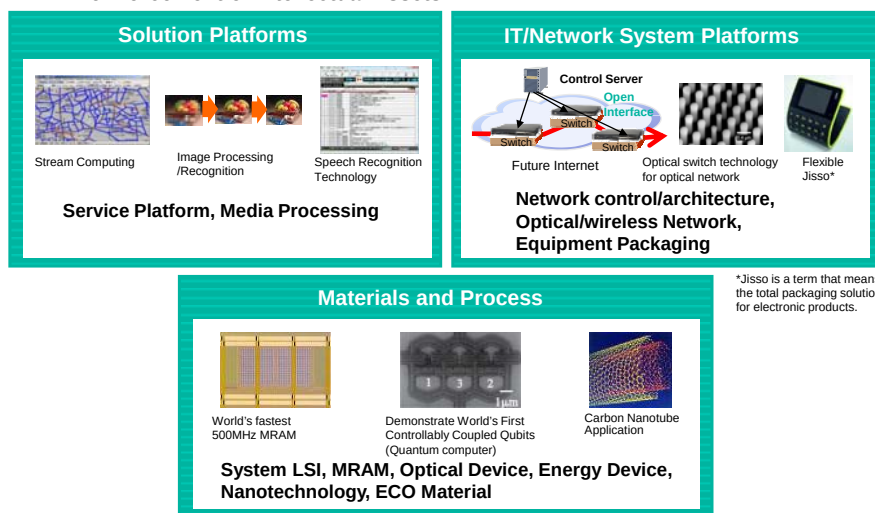


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Research and development activities

Creation of New Business, Basic Research to Create Future Business,
Reinforcement of Intellectual Assets

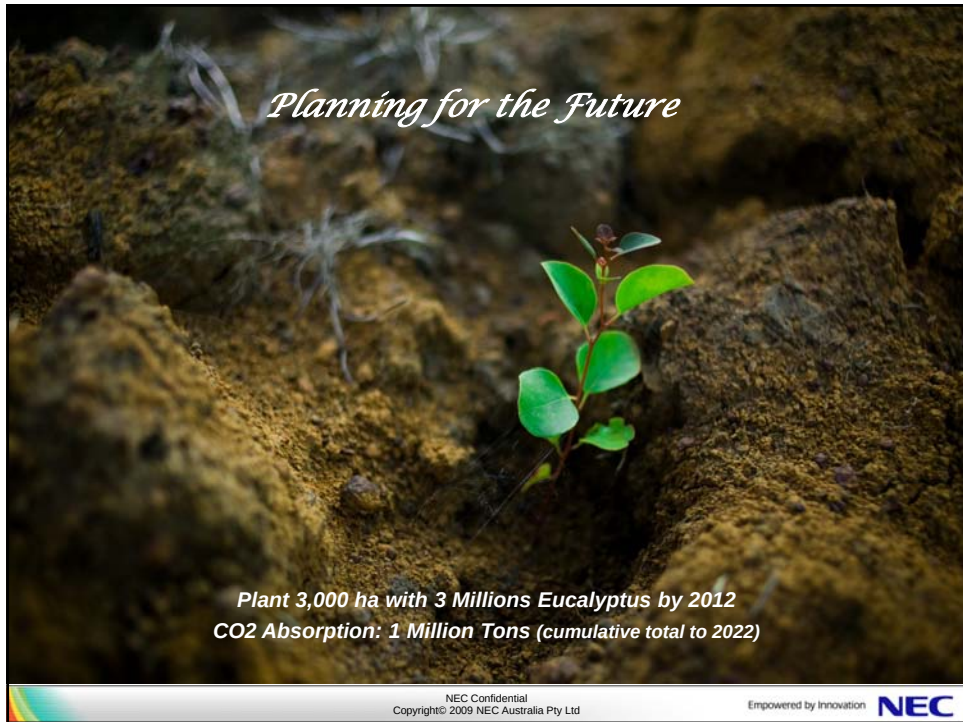


*Jisso is a term that means the total packaging solution for electronic products.

Intellectual Assets

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Planning for the Future

Plant 3,000 ha with 3 Millions Eucalyptus by 2012
CO2 Absorption: 1 Million Tons (cumulative total to 2022)

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Unified Communications Group



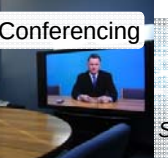
*Multi-vendor
System Integrator of Collaboration Solutions*

- Working with leading vendors to create best fit customer solutions
- “Plug and play” open architecture
- From communications to collaboration to cognition
- From data to information to insight

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NEC is a Multi Vendor Integrator of Unified Communications

Data	Voice	Contact Centre	Conferencing	UC / Software
    	  Service support for:   	   	  	     

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NEC Credentials in Higher Education – Australia > 36%



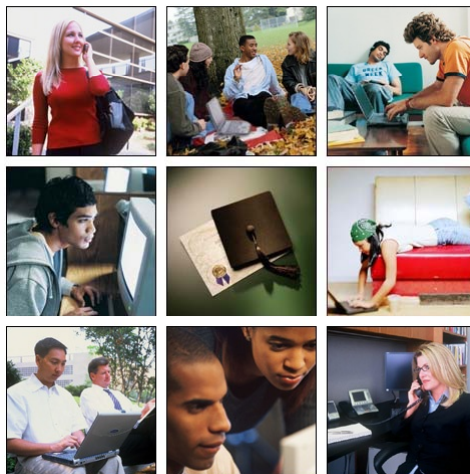
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NEC Credentials in Higher Education - USA



Higher Education Solutions

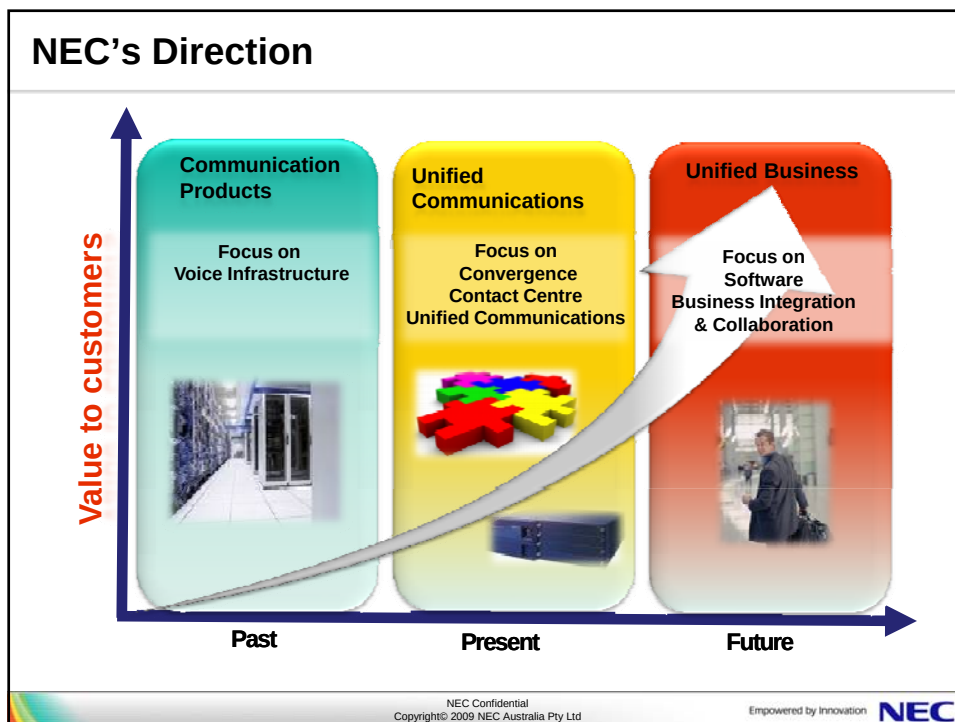


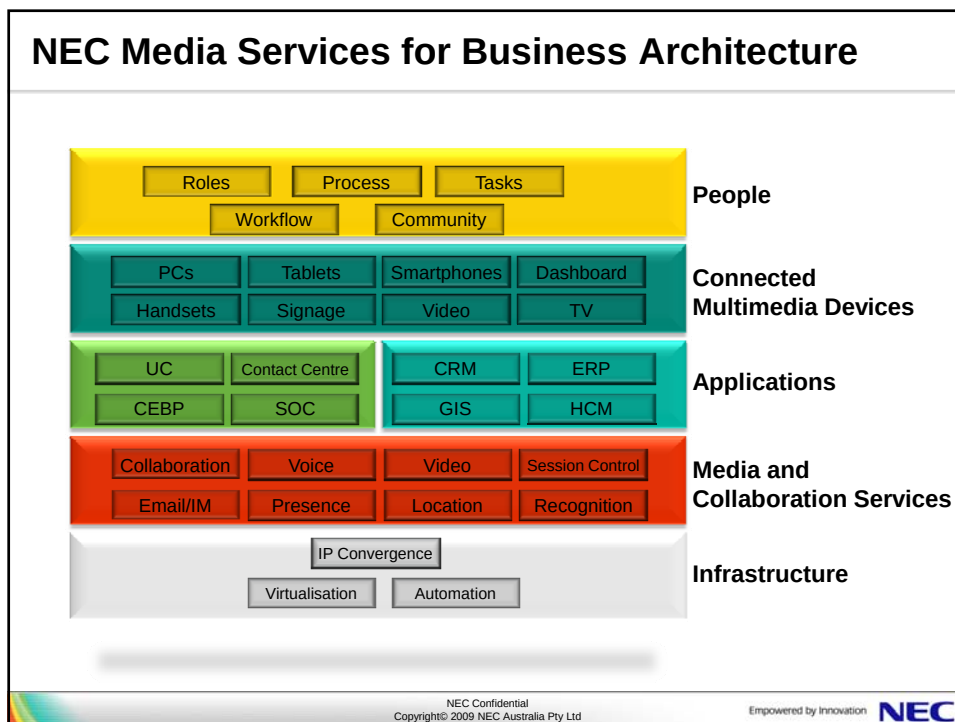
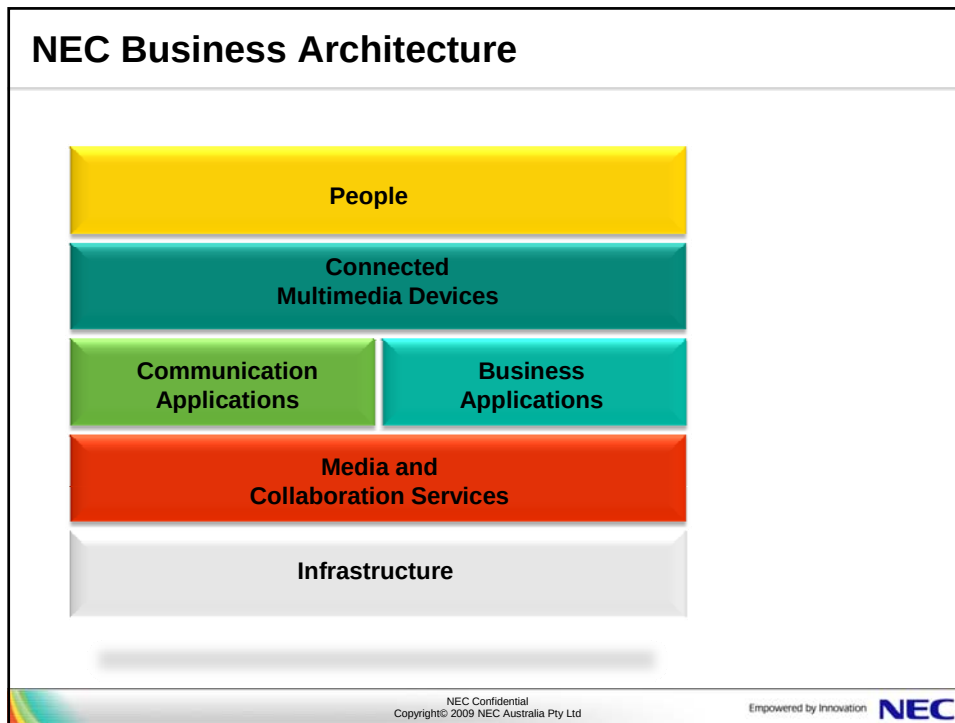
- Mobility & Collaboration
- Classroom & Distance Learning
- Student Services
- Administrative Productivity
- Network Management & Network Security
- Fund Raising & Revenue Generation
- Campus Safety & Security

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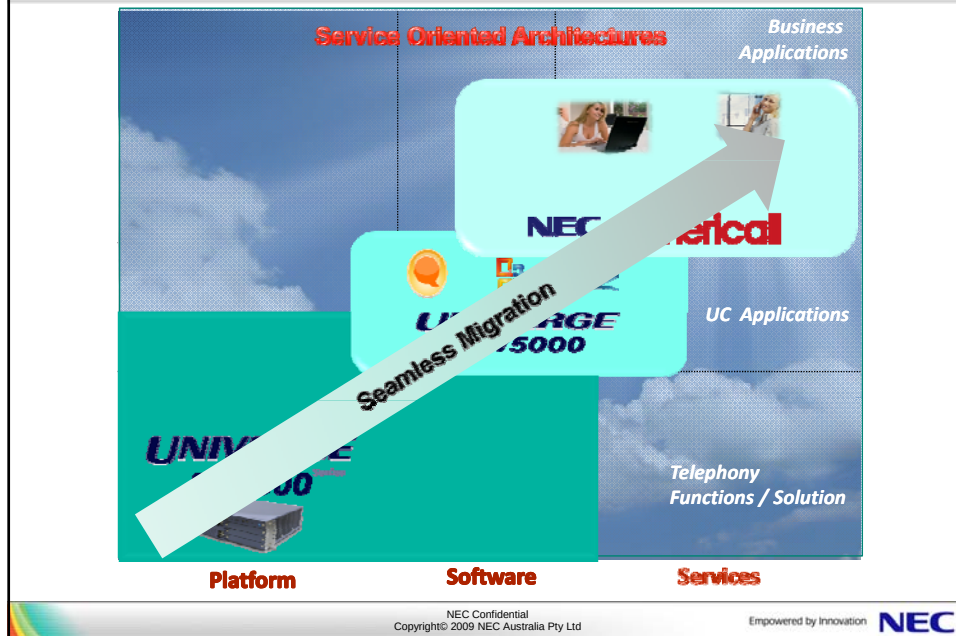
Strategic Directions

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Migration



Spherical – A Collaboration engine

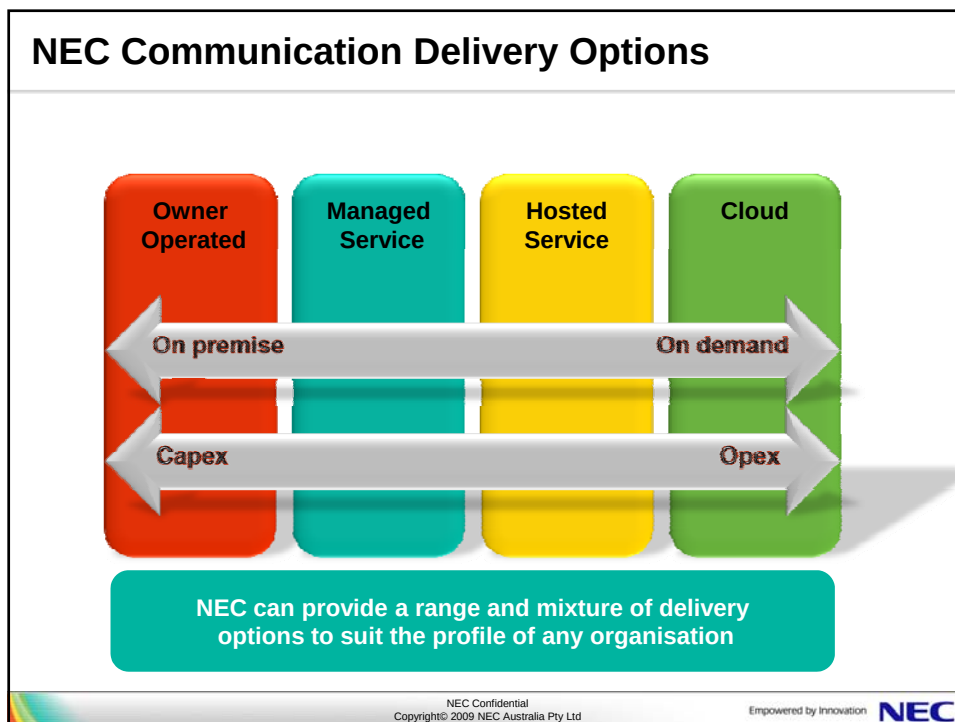
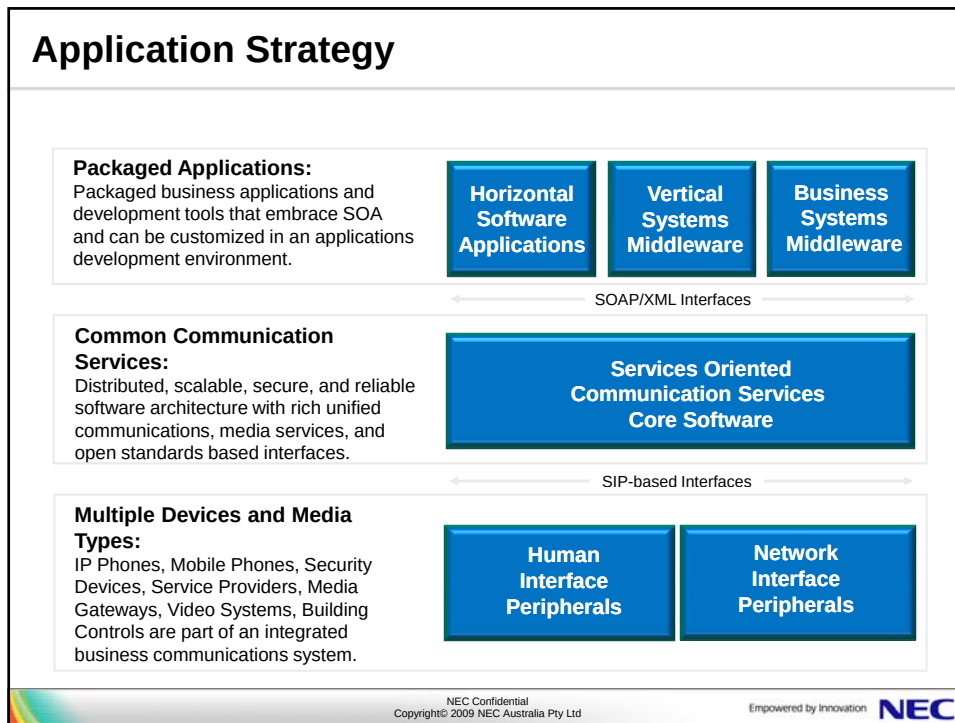
NEC Spherical® launch
(March 2010)



Business Collaboration Enabler ...
that changes the way you look at
collaboration ...

128+ Open API's

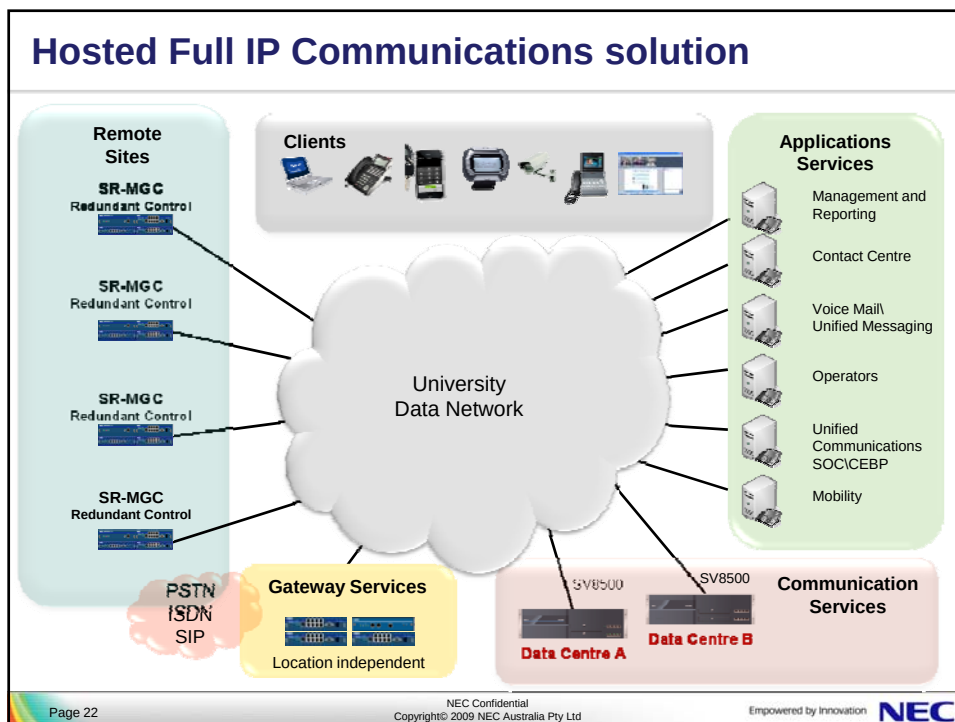




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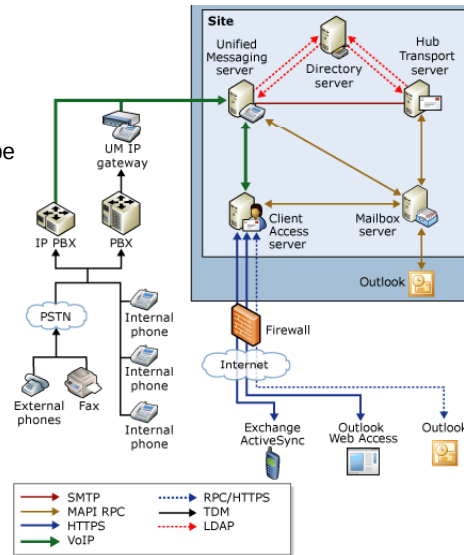
Solutions

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Microsoft Exchange Integration

- A comprehensive and easy to use unified messaging environment.
- A consolidated management landscape
- A platform that is future proofed
- Leverage existing PBX Investment
- Single point and method of administration
- Native auditing, archiving and compliance methodologies
- Native redundancy architecture
- Native scaling architecture



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Mobile Workforce

- Work anywhere on any device
- No loss of functionality
- Work where work takes you



.....the desk phone is becoming our secondary choice !



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Mobility and improved business outcomes



Converging Telephony
and applications on the
smart phone.

Your office extension
anywhere

Vertical based apps for
efficiency

Full presence availability



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Mobility and Collaboration

- **Business KPI's anywhere**

- Email
- Phone
- Mobile

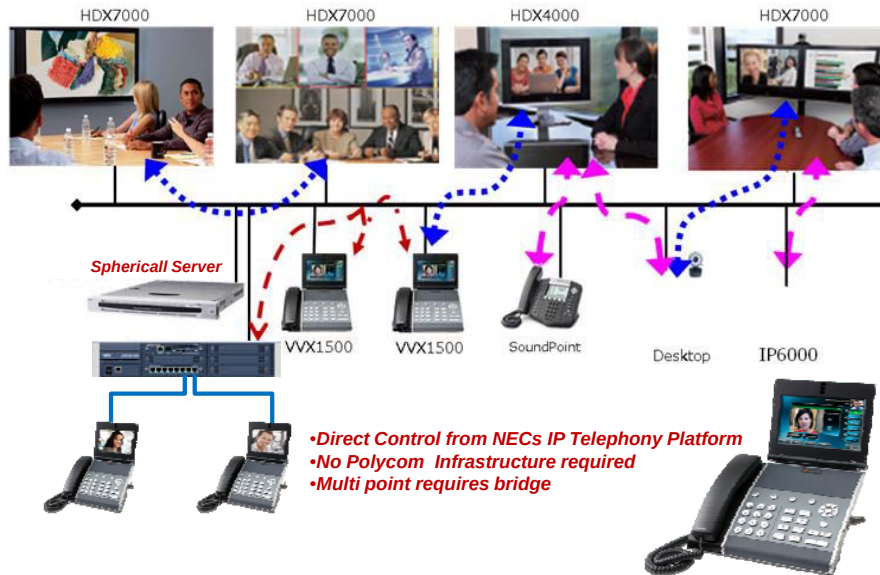


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High Resolution Video Conferencing



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Bringing Voice and Video together

- NEC IP Tel will now support Video Phones and multipoint VC using Polycom bridge.



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High Definition IPTV Solution



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Digital Signage Applications

-Shopping center



- Seasonal events guide and image
- Spot information such as time sale etc.

-Public facilities



- Use guide of facility
- Event Program, Entertainment information

-Factory



- Progress information of the production line
- Sharing current state of work etc

-Movie theater



- Preview, movie guide, open seat guide, etc
- Use guide of theater facilities



-Financial



- Stock and interest rate information, etc
- Financial commodity, Information from store

-Transportation



- Departure, delay information, and change guide
- Sightseeing information, etc

-Hotel



- Welcome information, event guide
- Restaurant information, event notification

-Universities



- Content of lecture, canceling/makeup lecture guides
- Notification and special lecture information to students

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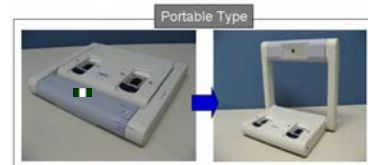
Biometrics for Access control and Identity Fraud

- Finger
- Palm
- Facial
 - Age
 - Gender
- DNA

NEC is the industry leader in Biometrics Solutions for:

- Law Enforcement
- National ID
- Voting
- e-Passport
- VISA
- Border Control

More than 510 users in over 36 countries



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NeoFace Deployment Examples



Face Access Control, T&A



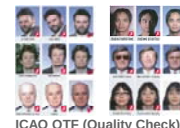
Age and Gender



Voting Philippines



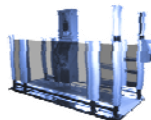
Intelligent CCTV & Alerting



ICAO QTF (Quality Check)



Japan Immigration



Border eGates



US Law Enforcement



Marketing campaigns and Expos



Timecard Systems



Immigration and Border Watch lists



Auto Vehicle Clearance



Universal Studios



NEC Papero Personal Robot

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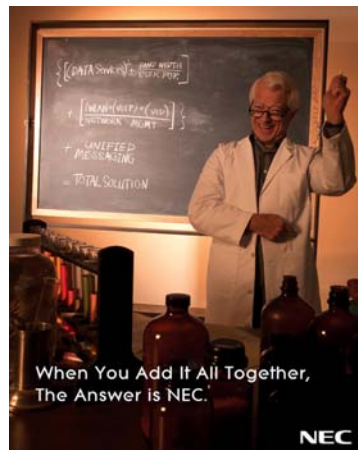
Student and General access information Kiosk

- NEC IPTel and MS OCS / Active Directory Integration with:
 - Search
 - Presence status
 - Telephony with Click to Call
 - Rich Media Content capable for student services
 - Campus orientation maps – Where is ?



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