

MApps

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Wireless Secured Scalable Seamless Multi-Platform

NextGen

Multimedia Presentation



Agenda

- **What is MApps?**
- How it works?
- Key benefits
- Success Stories
- Live Demo
- Take-away Kit



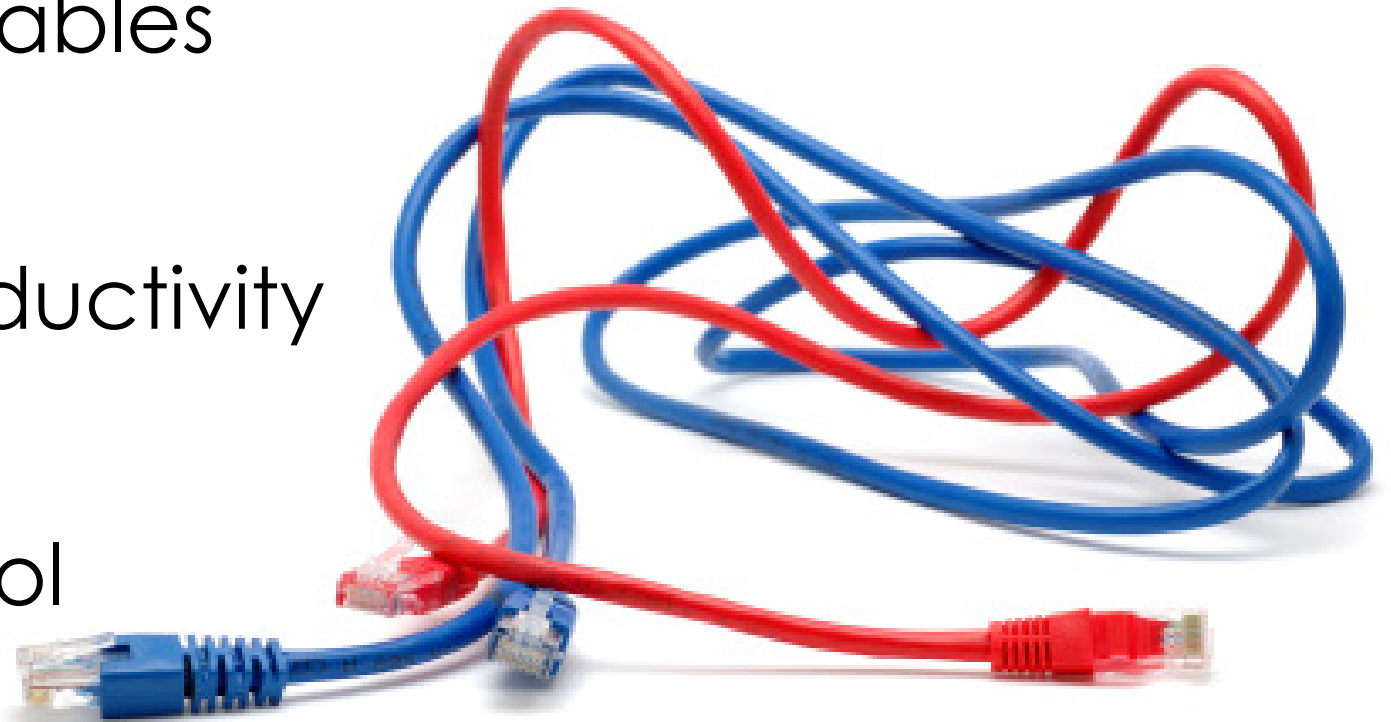
THEN...

Messy Cables

Low Productivity

No Control

No Security



NOW...



Secure, wireless
& instant presentations



Independent of display devices

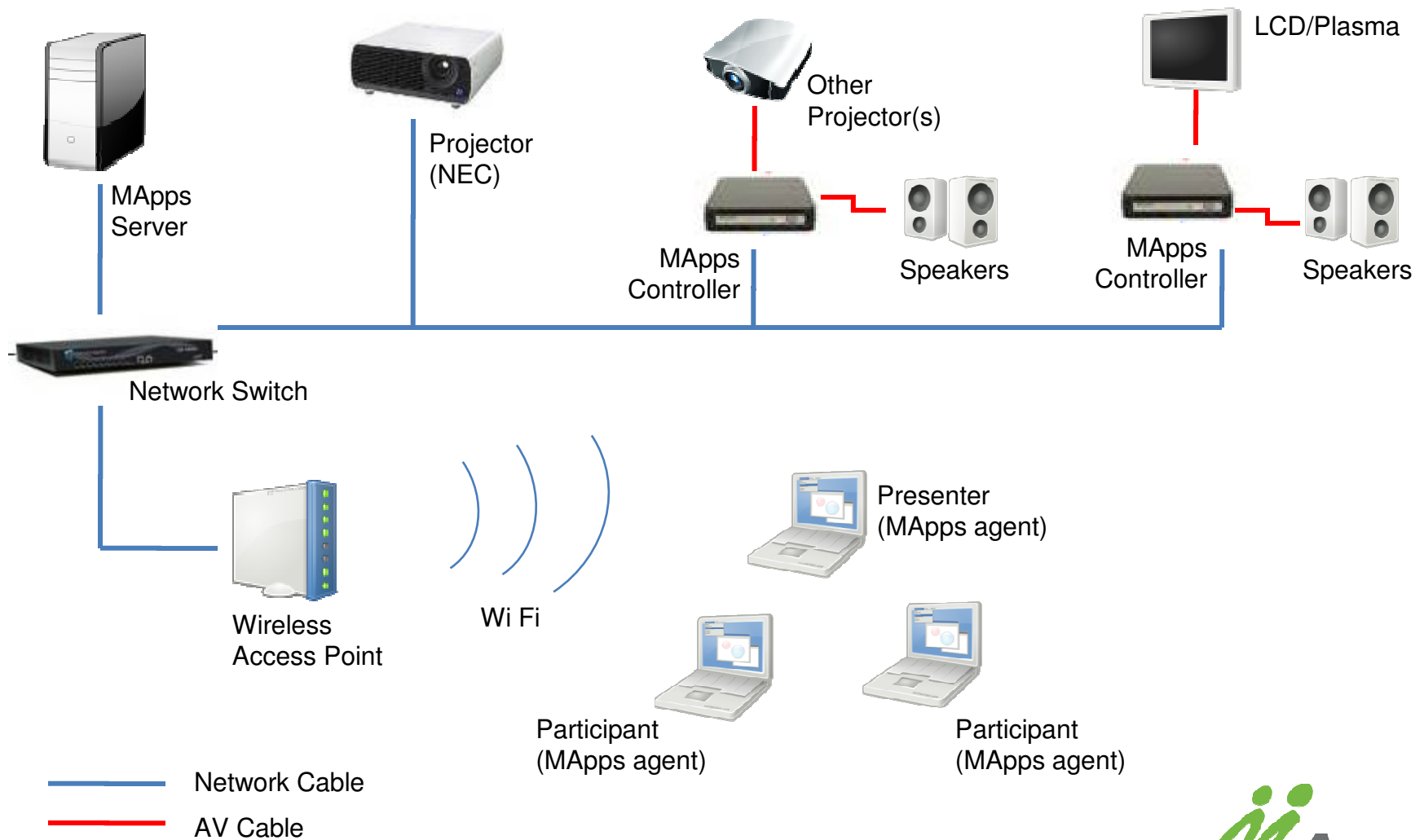


Increase productivity



Cost effective

How MApps Works



MApps is...

SIMPLE

One-Click

To a Seamless Secure &
Wireless Presentation



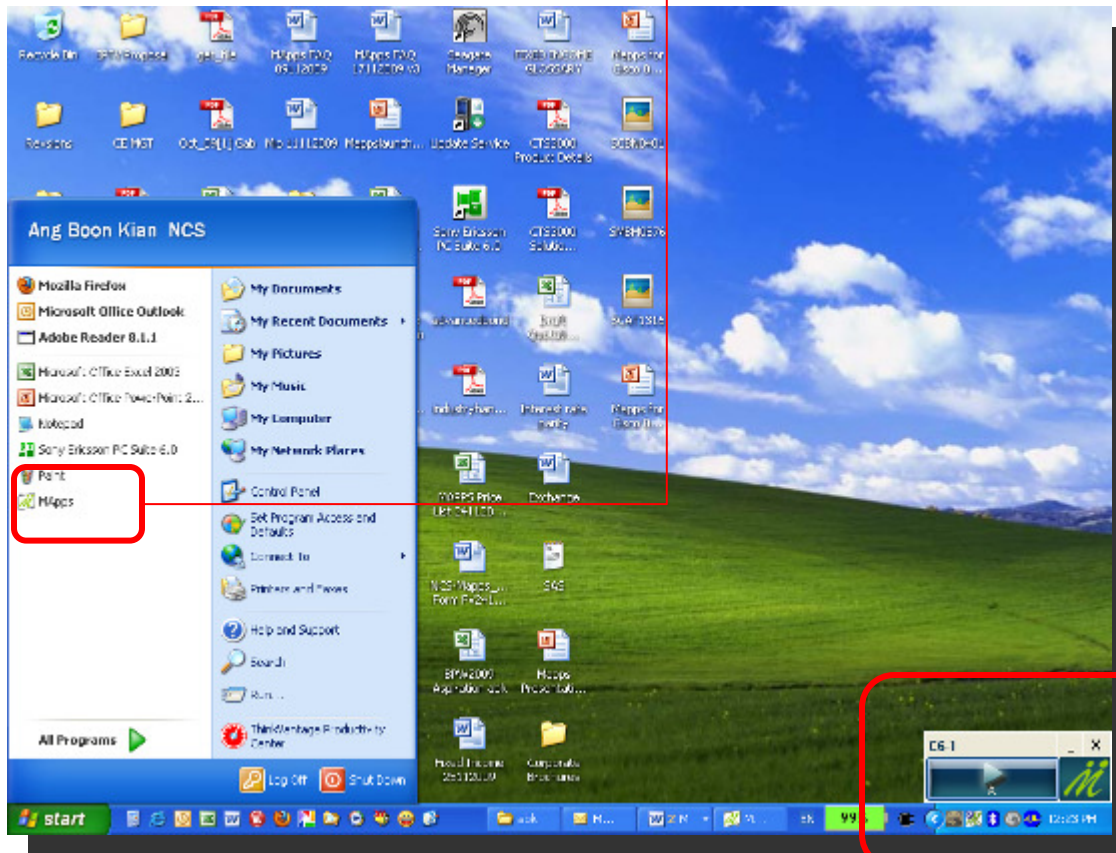
MApps Client



Simple administration of MApps controls



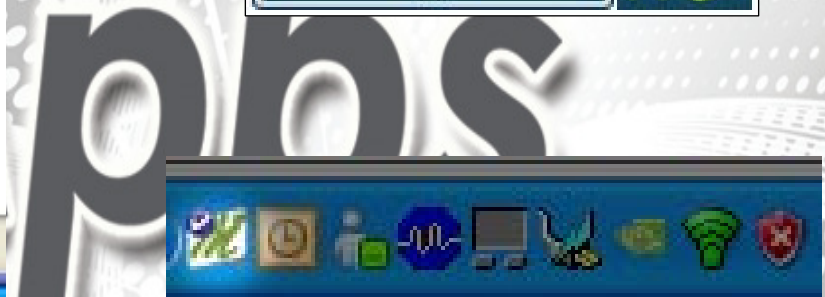
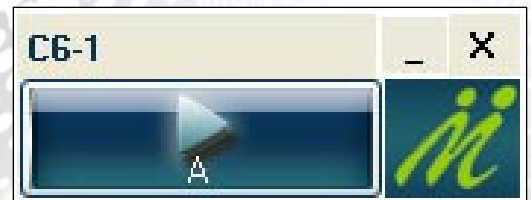
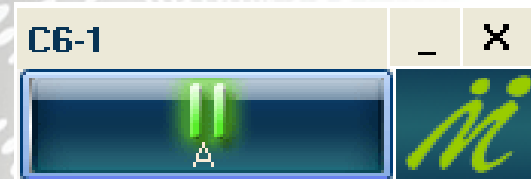
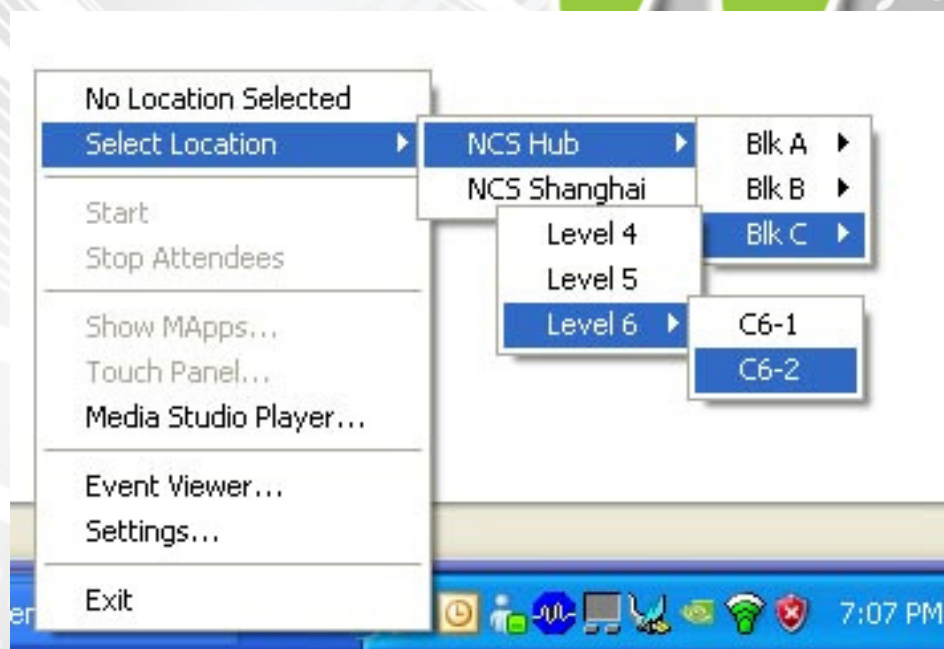
Familiar design interfaces



Clear indication of active sessions



MApps Client



NextGen Multimedia Presentation

■ Multi-Platform ■ Seamless ■ Scalable ■ Secure ■ Wireless

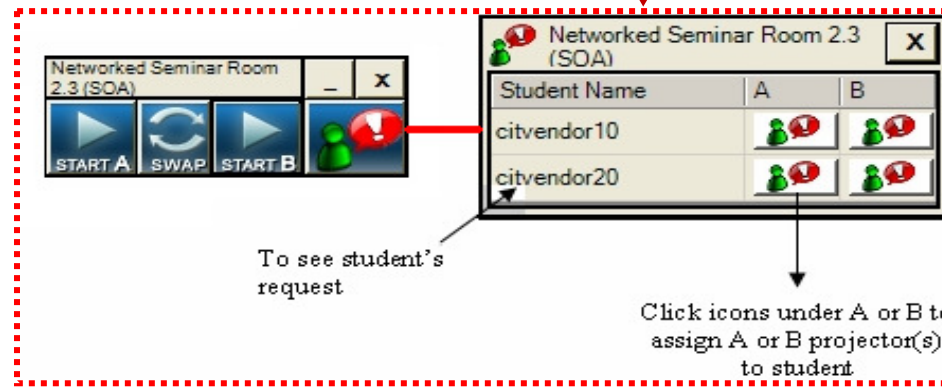
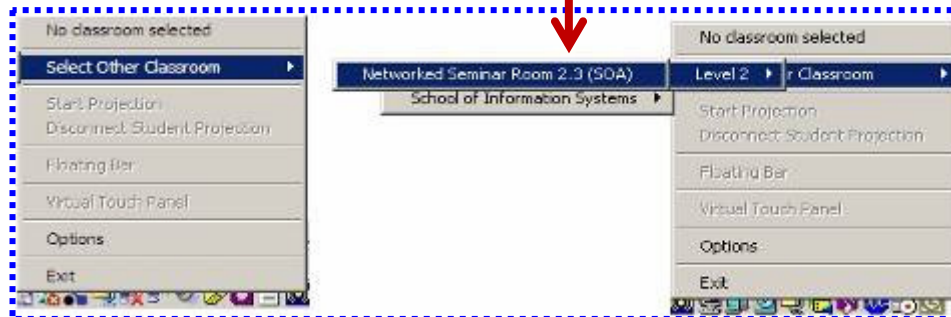
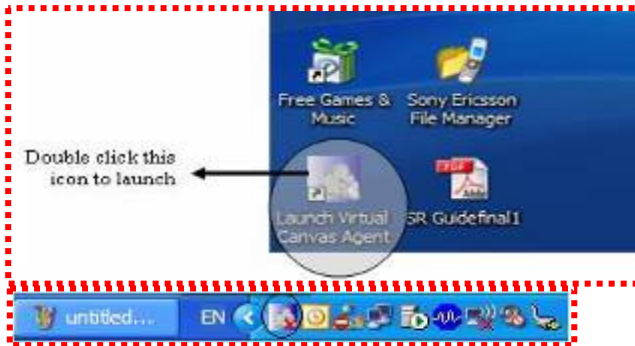
www.ncs.com.sg/mapps

mapps@ncs.com.sg

MApps Client

One-Click to a Seamless, Secure & Wireless Presentation

Lecturer/ Students Mode



MApps is...

One-Stop

Resource Management



MApps Portal - Administration

The screenshot displays the MApps Administration Portal. The interface includes a navigation menu with options like 'Dashboard', 'Administration', 'Reports', 'User Manager', and 'System'. The 'Administration' section is active, showing several data panels:

- Quick Access:** Dashboard, Virtual Floor Plan, Room Manager.
- Latest user logons:** Administrator 1@0.0.0.0 (Today, 05:41:24 PM), Stephan Sondemann NCS@:1 (Today, 05:08:30 PM), Administrator 1@0.0.0.0 (Today, 05:05:58 PM), Liu Zujiang NCS@:1 (Today, 05:03:54 PM), Liu Zujiang NCS@192.168.202.84 (Today, 03:36:13 PM).
- Latest projections:** Stephan Sondemann NCS on Projector A@C6-1 (Today, 05:13:42 PM), Liu Zujiang NCS on Projector A@C6-1 (Today, 03:36:26 PM), Liu Zujiang NCS on Projector A@C6-1 (Today, 03:25:37 PM), Liu Zujiang NCS on Projector A@C6-1 (Today, 03:24:52 PM), Ang Boon Kian NCS on Projector A@C6-1 (Today, 11:42:30 AM).
- Projector Lamp Hour Usage (By usage):**

Room Name	Projector	Usage (%)	Last Updated
A3-3	A	50%	04 Dec 2009 06:52 PM
Boardroom	A	44.75%	07 Dec 2009 04:51 PM
B5-2	A	41.12%	07 Dec 2009 04:51 PM
B2-2	A	31.68%	07 Dec 2009 04:53 PM
B2-1	A	29.6%	07 Dec 2009 04:51 PM
- Latest AV device errors:**

Room	Asset No.	Status	Description	Date
B2-3		Pending	Projector socket con...	07 Dec 2009 05:34 PM
Conference Rm		Pending	Projector socket con...	07 Dec 2009 04:57 PM
B1-1		Pending	Projector socket con...	07 Dec 2009 03:56 PM
B5-1		Pending	Projector socket con...	07 Dec 2009 03:06 PM
A5-2		Pending	Projector socket con...	07 Dec 2009 12:56 PM
- Device errors reported for the past 7 days:** A line graph showing a decreasing trend in device errors from 13 on 03 Dec to 10 on 04 Dec, and 9 on 07 Dec.

✓ **user-friendly** interface for systems administrator

✓ **effective tracking** tool for various output devices and user logins

✓ **proactive maintenance**



MApps Portal - Dashboard

The screenshot shows the MApps Dashboard in a Windows Internet Explorer browser. The dashboard displays a list of meeting rooms with their IDs and names. The 'Show Legend' button is visible in the top right corner of the table.

ID	Room Name	Status
17	A3-2 (A3-2 Meeting Rm)	OK
19	A4-1 (A4-1 Meeting Rm)	OK
20	A4-2 (A4-2 Meeting Rm)	OK
21	A4-3 (A4-3 Meeting Rm)	OK
6	A5-1 (A5 Meeting Rm 1)	OK
27	B2-1 (B2-2 Meeting Rm)	OK
28	B2-2 (B2-2 Meeting Rm)	OK
32	B4-2 (B4-2 Meeting Rm)	OK
33	B4-3 (B4-3 Meeting Rm)	OK
34	B4-4 (B4-4 Meeting Rm)	OK
37	B5-2 (B5-2 Meeting Rm)	OK
38	B5-3 (B5-3 Meeting Rm)	OK

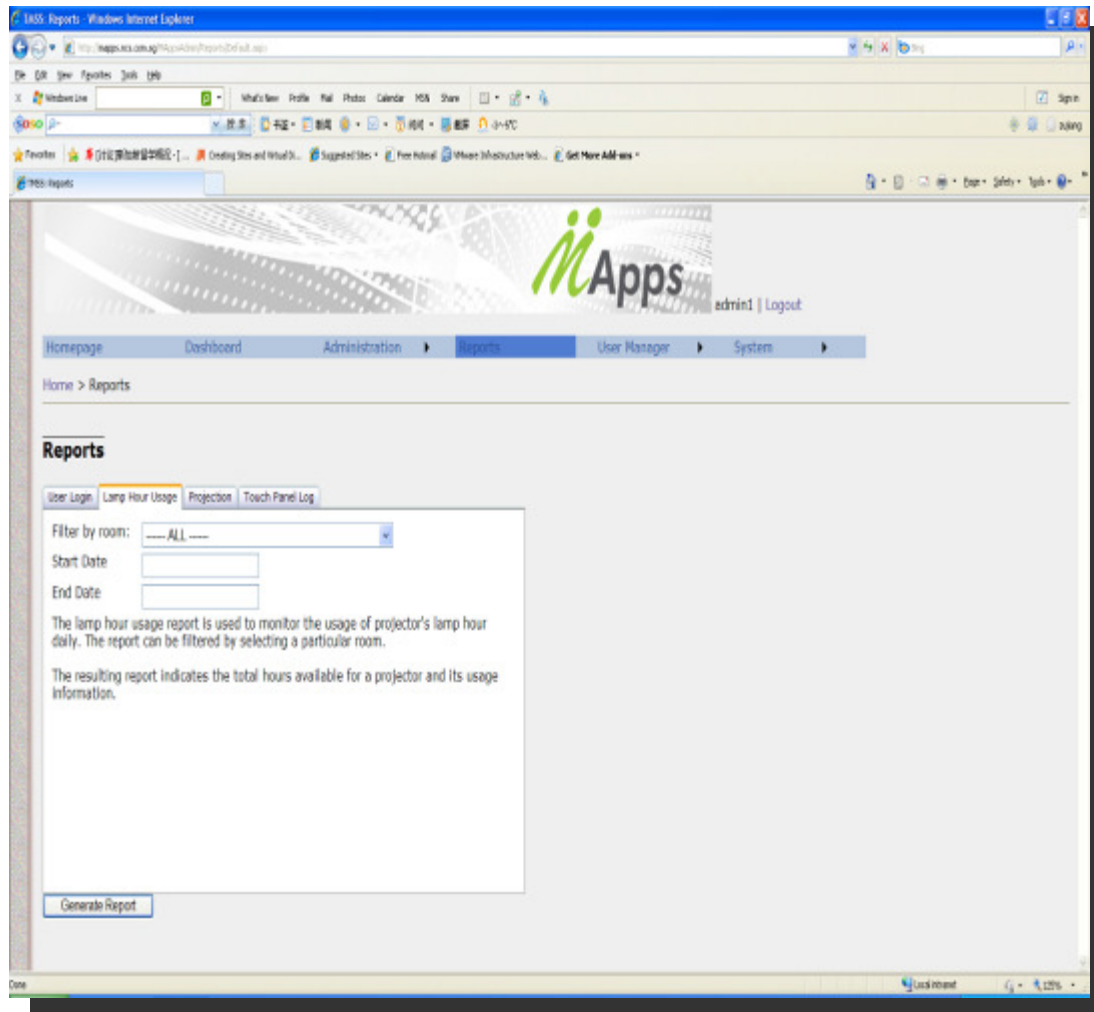
Latest refresh time from server: 5:38:07 PM

✓ quick access of each room's readiness

✓ quick response to fault incident



MApps Portal - Reports



✓ easy reporting on each room's usage and fault incidents

✓ Manage and improve corporate adoption rate



MApps Portal – Recording (Beta)

The screenshot shows the 'Virtual Canvas Recording' software interface. At the top, there are controls for 'PREVIEW' (START button) and 'RECORDING' (STOP button). To the right, there are input fields for 'Video Device Name' (Opnev 2.0 Video Device 1), 'Audio Device Name' (Opnev 2.0 Audio Device 1), and 'Dummy Audio Device Name' (Realtek HD Audio Input), with a 'LOAD' button below them. The main interface is divided into three sections: 'Camera Live Preview' showing a classroom scene, 'PowerPoint Indexing' with a list of files, and 'Remote Content Preview' showing a slide titled 'Virtual Canvas Add-on – Beambox 2.0'. The slide includes a description of the Beambox device, its benefits, and features.

Virtual Canvas Recording

PREVIEW
START

RECORDING
STOP

Video Device Name: Opnev 2.0 Video Device 1
Audio Device Name: Opnev 2.0 Audio Device 1
Dummy Audio Device Name: Realtek HD Audio Input
LOAD

Camera Live Preview

Remote Content Preview

Virtual Canvas Add-on – Beambox 2.0

Beambox

Beambox is an external appliance capable of streaming real-time audio/video wirelessly and desktop content projection solution

Benefits & Features

- Simultaneous wireless audio/video transmission
- Many-to-Many Orientation
- Supports primitive/non-primitive projectors/LCD/Plasma of any make
- Multiple video formats supported

PowerPoint Indexing

- Virtual Canvas 2.0
- Sales Kit
- 1
- Classroom Yesterday2
- Virtual Canvas 2.03
- Virtual Canvas 2.04
- Virtual Canvas 2.05
- Virtual Canvas 2.0.6
- Virtual Canvas 2.07
- Virtual Canvas Add-on – Beambox 2.03
- Virtual Canvas Add-on – TMSS 2.09
- Virtual Canvas Add-on – Simas 2.010
- Virtual Canvas Add-on – Recording11
- Virtual Canvas Add-on – Simas 2.010
- Virtual Canvas Add-on – TMSS 2.09
- Virtual Canvas Add-on – Beambox 2.03

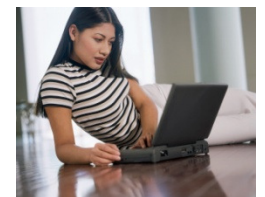
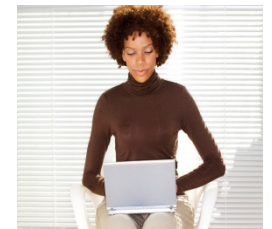
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Unique Selling Proposition



- Multiple-Inputs to Multiple-Outputs Projection with no costly A/V switcher needed.
- Supports Multiple-Systems' and Multiple-vendors' A/V projections or displays (Brand/Model Agnostic)
- Secure Wireless Projection with Compression Algorithm (ACDDMSSA)
- Can stream Audio & Video wirelessly
- Remote Control & Management Capabilities
- Easy to use and customizable



Instant inter-presentations'
transmission

Highly **interactive** and
productive meetings/trainings

Integrates with existing Active Directory or LDAP
for **Single-Sign-on**

Seamless



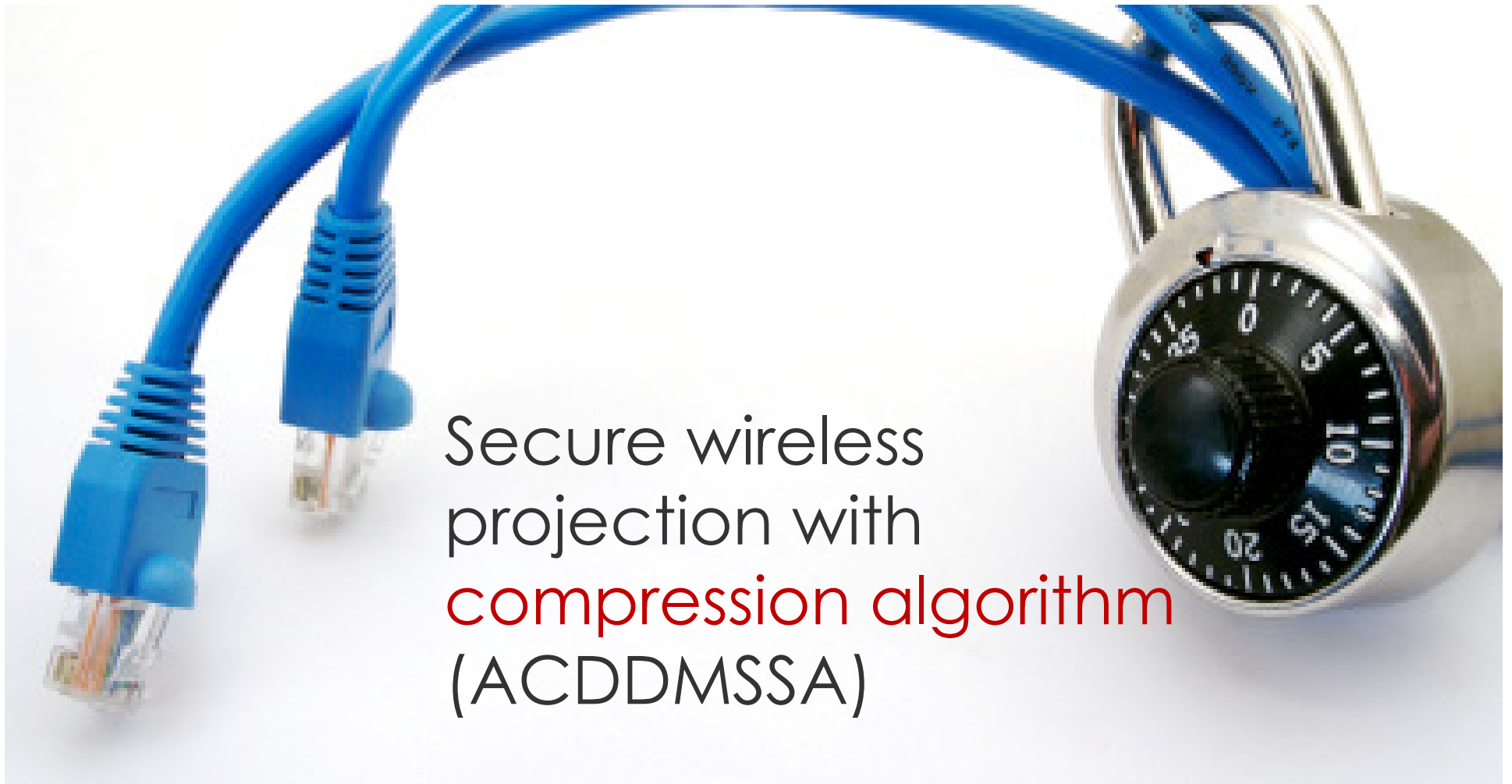


Customised to your
enterprises' needs

Quick access
to MApps for your business
guests via USB thumbdrive

Scalable





Secure wireless
projection with
compression algorithm
(ACDDMSSA)

Secure

*i*Apps

Audio & video streaming wirelessly

Remote

control & management capabilities



Wireless

*m*Apps

Enabling **multi-way** presentations, internationally

Multiple-Inputs to Multiple-Outputs Projection
with no costly A/V switcher needed.

Adding **modern capabilities** to old systems

Supports Multiple-Systems' & Multiple-vendors'
A/V projections (Brand/Model Agnostic)

Multi-Platform

The logo for iApps, featuring a stylized green 'i' followed by the word 'Apps' in a grey sans-serif font.

Agenda

- What is MApps?
- How it works?
- Key benefits
- **Success Stories**
- Live Demo
- Take-away Kit



Success Stories



Highly **interactive** and **refreshing** teaching
& learning **experience**

Operational **savings** of over million a year



Success Stories



**Education
Defense
Financial
.... And more to come**

***mi*Apps**

Success Stories



Singapore Management University (SMU), Singapore



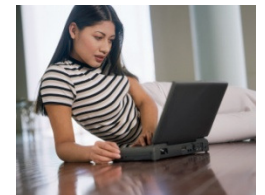
SAFTI Military Institute (SAFTIMI), Singapore



RSAF Air Force School (AFS), Singapore



TAFE Melbourne, Australia



Global Educators™

Truly Seamless Learning Environment



WHERE/WHEN

- Singapore Management University
2005

CHALLENGES

- Enable Non-disruptive classroom teaching & learning experience
- Simple & Easy Presentation tool
- Remote Management Capabilities

OFFERING

- Provide Proactive Maintenance
- Wireless Environment
- Teaching Facility Management Support System
- Highly Customizable Platform

BENEFITS



LECTURERS / STUDENTS

- Truly interactive, participatory class sessions between lecturers and Students
- Productive learning experience for students
- High level of satisfaction among students

UNIVERSITY



- High system uptime
- Savings in cost
- Reduction in number of support staff
- Scalable expand with future technologies
- Flexible and customizable to accommodate to changes

What does MApps mean to me?

For CEOs, CFOs & CIOs

- Cost & Time Optimization: ↑ productivity, ↑ energy savings costs, ↓ travelling costs
- Focus on business matters
- Corporate Social Responsibility: Go Green. ↓ carbon footprint

For IT Administrators

- One-stop administration
- Remote Control Management to assign users & switch on/off projectors remotely
- System Profile Management
- Real-time Health Monitoring
- Utilisation Reports
- Helpdesk Dashboard
- Display Devices' Independent
- Optimise IT resources

For Trainers & Users

- Secure, wireless and instant presentations just a click-away
- Real-time Audio Visual Transmission
- Trainer-to-trainees: Trainer has overall rights to control presentation flow
- Peer-to-peer: seamless one click-away presentation



Features @ a glance...

Wireless Projection without hassle to connect VGA cable

Presenter's full control over the participants' projection requests

Auto

- **Approve** mode when there is no presenter in the room
- **Display** name of presenter on screen for easy identification of content source
- **Shut-down** of projector to save energy

Streams

- **Internet** video (e.G. Youtube)
- HD audio/video file (support various video format, e.g. wmv, mpg, mp4, mov, avi, flv, etc., Up to 720P high definition)
- "live" classroom sessions to public with synchronised **Take Home Kit** projected content.

Video content file management for personal and public folder

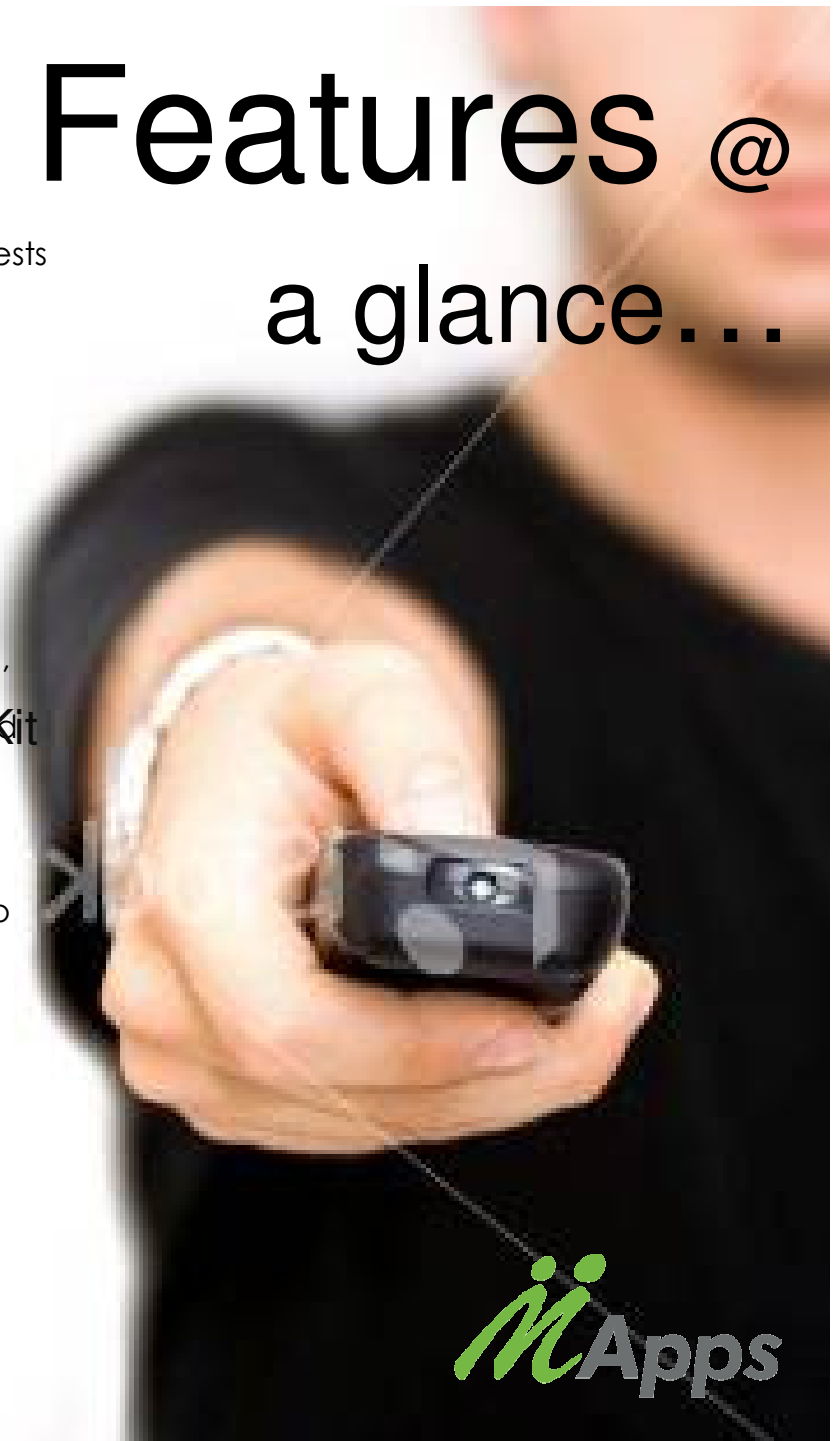
Record audio, video and projected content synchronously with auto indexing of PowerPoint slides with playback through web browser.

Integrates

- with existing Active Directory or LDAP for single-sign-on
- with existing email server for automatic projector error notification

Supports

- DHCP and static IP
- Remote management (reboot, monitoring, auto-update)
- Windows XP, Windows Vista, Windows 7, Mac
- Auto-run client from USB thumb drive



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Are you ready
to **MApps?**

www.ncs.com.sg/mapps
mapps@ncs.com.sg

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a product of



Thank You | *Let us be a Value Creator for your organisation*



Demo Flight Case