

QR code project Bangkok

Schedule: 2010.03.04~03.07

2010.03.04 Chubu ⇒ Narita ⇒ Bangkok

2010.03.05 10:00-12:00 Meeting with NSTDA (NECTEC)

2010.03.05 14:00-16:00 Meeting with Chan Wanich

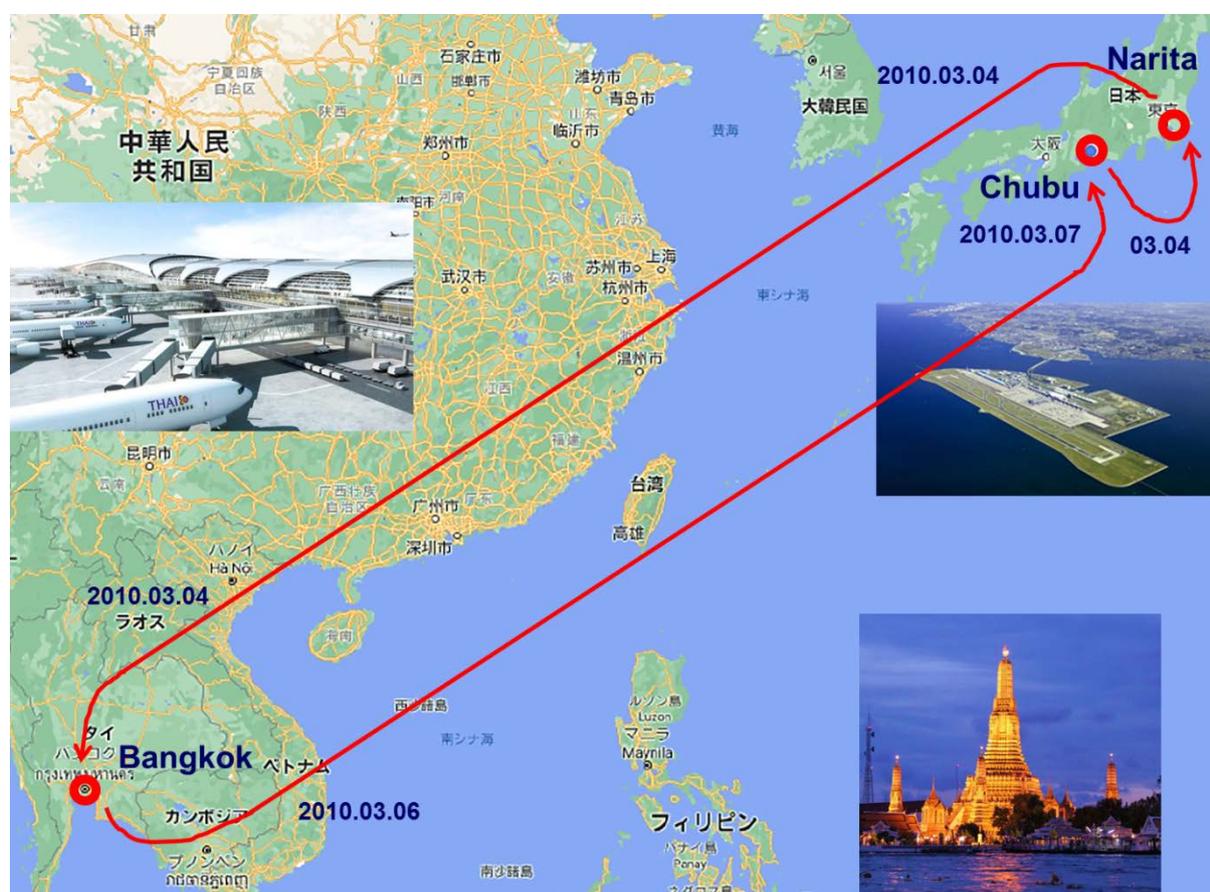
2010.03.06 10:00-12:00 Meeting with TISI

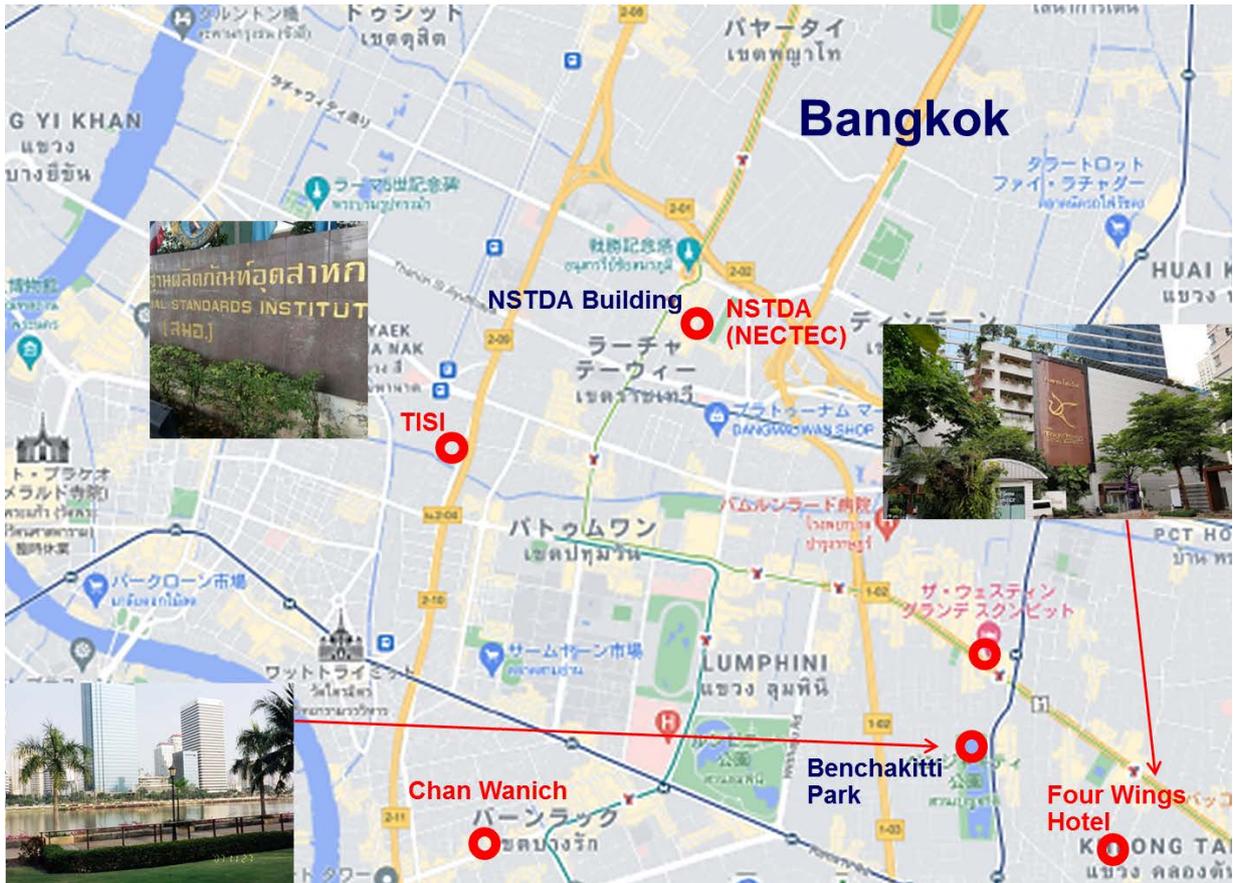
2010.03.06 Bangkok ⇒ Chubu (+1)

2010年3月4日~7日の日程でタイのバンコクを訪問した。QRコードの国家規格化がほぼ完了したので、そのセレモニーに出席した。セレモニーにはタイの科学技術省大臣を筆頭に多くの関係者が出席した。CICCからはトップの橋爪さんが出席した。

NSTDA; National Science and Technology Development Agency

TISI; Thai Industrial Standards Institute ministry of Industry



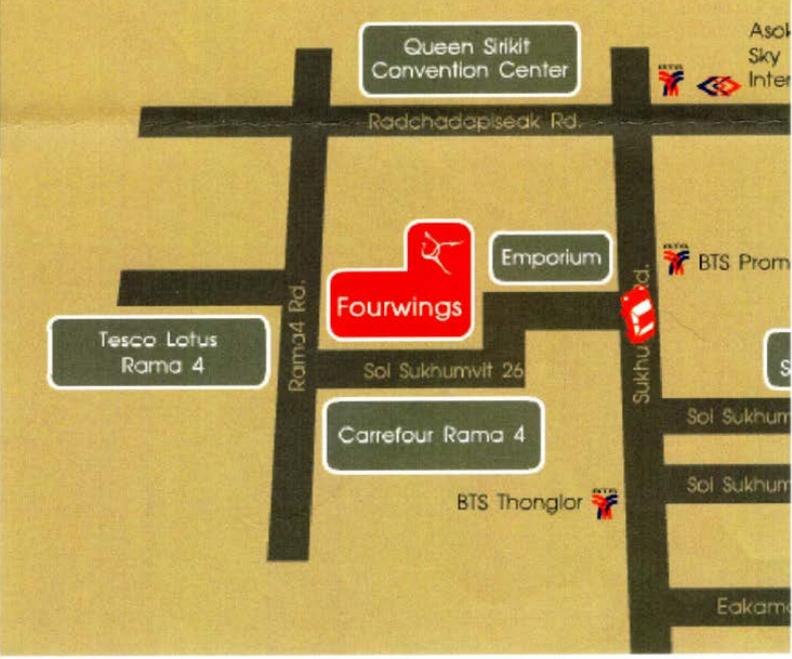


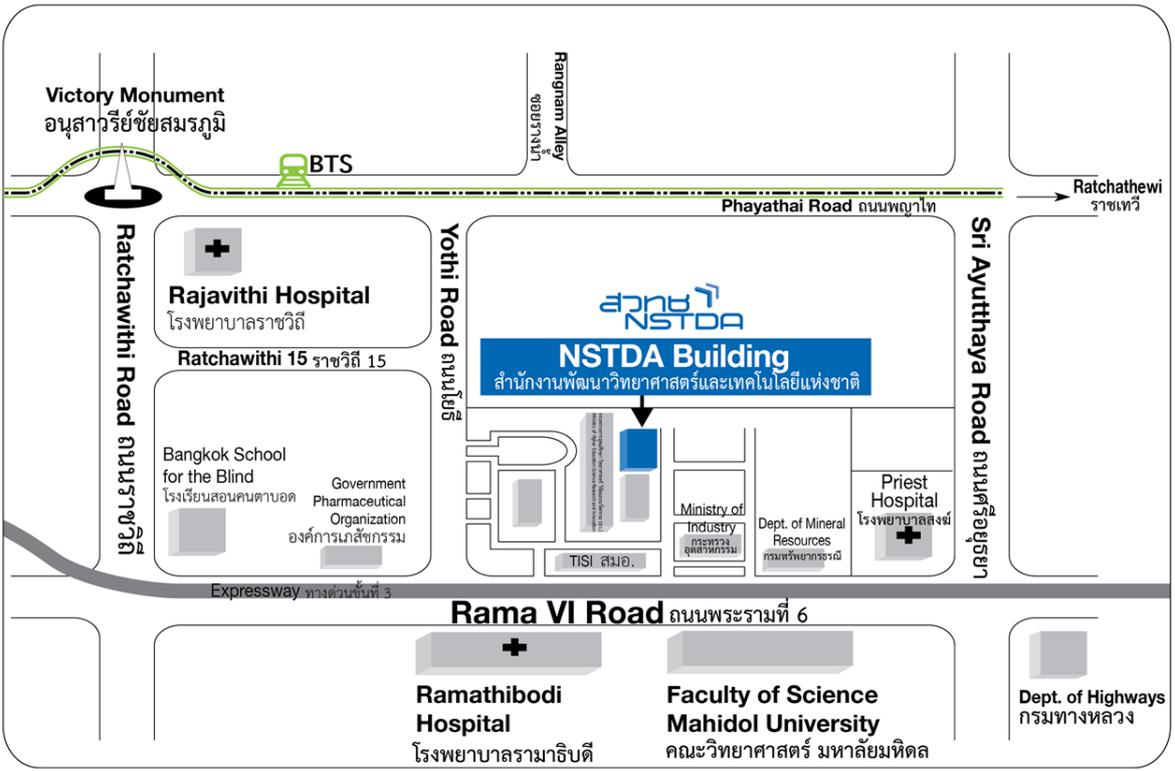


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 SABRE: ON 85462
 GALILEO: ON 82340
 WORLDSPAN: ON BKKTH
 PEGASUS: ON 33380

Home | The Hotel | Accommodation | Facilities | Dining | Bar





Victory Monument
อนุสาวรีย์ชัยสมรภูมิ

Rajavithi Hospital
โรงพยาบาลราชวิถี

Ratchawithi 15 ราชวิถี 15

Bangkok School for the Blind
โรงเรียนสอนคนตาบอด

Government Pharmaceutical Organization
องค์การเภสัชกรรม

NSTDA Building
สำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ

Ministry of Industry
กระทรวงอุตสาหกรรม

Dept. of Mineral Resources
กรมทรัพยากรธรณี

Priest Hospital
โรงพยาบาลสงฆ์

Ramathibodi Hospital
โรงพยาบาลราชบพิธ

Faculty of Science Mahidol University
คณะวิทยาศาสตร์ มหาวิทยาลัยมหิดล

Dept. of Highways
กรมทางหลวง

Date	Time	Agenda	Mr. Shibata	Mr. Hirata	Mr. Hashizume	Mr. Sato Ms. Shirakura
3 Mar	22.20	Driver picks up at Suvanabhumi TG410 to Four Wings Hotel		●		
4 Mar	16.05	Driver picks up at Suvanabhumi JL717 to Four Wings Hotel	●		●	
	11.50	CICC arrive in BKK by BR0067				●
5 Mar	7.30-8.30	Driver Picks up at Four Wings Hotel to NECTEC	●	●	●	●
	12:00-14:00	Driver sends off Chan Wanich for Meeting		●		
	15.00	Send off to Four Wing Hotel	●			
	17:00~	Dinner with Dr. Thaweesak	●			
	21.00-22.00	Driver picks up at Four Wings Hotel to Suvanabhumi airport		● (JL718)	● (JL718)	
6 Mar	6.30-8.15	Driver picks up at Four Wings Hotel to Suvanabhumi airport	● (JL738)			●



Schedule.

The technology seminar two-dimensional bar with Thai-language standard.
Friday, March 5, 2553 at 09.00 -12.00 am
3rd Floor Conference Room ,Building 2 (NSTDA)
Ministry of Science and Technology (Yoti Road)

Time 09.00 - 09.30 Register

Time 09.30 - 09.45: The reports of the project

By Dr. Thaweesak Koanantakool

(Deputy Director of Science and Technology Development Agency National)

By Mr. Kunitaka Hashizume

(Center of the International Cooperation for Computerization, Japan)

Time 09.45 - 10.00: The opening seminar

By Dr. Khun Ying Kallaya Sophonpanich. (Minister of Science and Technology)

Time 10:00 to 10:30: Depth technology QR Code

By Mr. Akira Shibata (Japan Automatic Identification Systems Association)

Time 10:30 to 10:45: Coffee Break

Time 10:45 to 11:15: QR Code with Thai language technologies support for effectively management by Dr. Mitrpants victory
National Electronics and Computer Technology Center (NECTEC)

Time 11:15 to 11:45 a. Demonstrate the application of technology, QR Code

The next strongest glory family said

Gian commerce companies Security Printing Co., Ltd. Lighting

Time 11:45 to 12:00: Answer questions



กำหนดการ
การจัดงานสัมมนาเทคโนโลยีแห่งสองมิตีกับมาตรฐานภาษาไทย
วันศุกร์ที่ 5 มีนาคม 2553 เวลา 09.00 -12.00 น.
ห้องประชุมชั้น 3 อาคาร 2 (สวทช.)
กระทรวงวิทยาศาสตร์และเทคโนโลยี (ถนนโยธี)

เวลา 09.00 – 09.30 น.	ลงทะเบียน
เวลา 09.30 – 09.45 น.	กล่าวรายงานความเป็นมาของโครงการ โดย ดร.ทวีศักดิ์ กออนันตกูล รองผู้อำนวยการสำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ โดย Mr. Kunitaka Hashizume Center of the International Cooperation for Computerization, Japan
เวลา 09.45 – 10.00 น.	กล่าวเปิดการสัมมนา โดย ดร.คุณหญิงกัลยา โสภณพนิช รัฐมนตรีว่าการกระทรวงวิทยาศาสตร์และเทคโนโลยี
เวลา 10.00 – 10.30 น.	เจาะลึกเทคโนโลยี QR Code โดย Mr. Akira Shibata Japan Automatic Identification Systems Association, Japan
เวลา 10.30 – 10.45 น.	พักรับประทานอาหารว่าง
เวลา 10.45 – 11.15 น.	QR Code กับภาษาไทย เทคโนโลยีสนับสนุนการจัดการอย่างมีประสิทธิภาพ โดย ดร.ชัยชนะ มิตรพันธ์ ศูนย์เทคโนโลยีอิเล็กทรอนิกส์และคอมพิวเตอร์แห่งชาติ
เวลา 11.15 – 11.45 น.	สาธิตการประยุกต์ใช้เทคโนโลยี QR Code โดย นายสรวิศ กองบุญมา บริษัท จันวานิชย์ ซีเคียวริตี้พรีนทร์ตั้ง จำกัด
เวลา 11.45 – 12.00 น.	ตอบข้อซักถาม



List who have been invited to the seminar

1. General Consular Department.
2. General Department of Land Transport.
3. President TOT Company Limited (PCL).
4. President of Thailand Post Co., Ltd..
5. General Department of the Interior.
6. Secretary Social Security office.
7. Director of the Department of Livestock.
8. Governor of Tourism Authority of Thailand.
9. Governor of the State Railway of Thailand.
10. Managing Director General of Thai Airways International Ltd. (PCL).
11. President of limited transportation.
12. Governor of the MEA.
13. Governor of Metropolitan Waterworks.
14. Director, Government Pharmaceutical.
15. Managing Internet Thailand Co., Ltd. (PCL).
16. The cover of the area as the software industry in Thailand.
17. Director, Office of Government Information Technology Services.
18. Director, Office of the Thai software industry.
19. Academic Standards Committee of the Thai language encoding for two-dimensional bar code number 8 person
20. Director Public Relations Department.
21. President CAT Telecom Limited (PCL).
22. President of PTTEP. Limited (PCL).
23. Director, Bureau of Justice Affairs.
24. General Department of Employment.
25. Director General, Department of Disease Control.
26. Director of Quality Assurance Institute and Hospital.
27. Managing Director General Mass Communication Organization of Thailand.
28. Director of the Port Authority of Thailand.
29. Managing Director General of Airports of Thailand Limited (PCL).
30. Director of Thai marine limit.
31. Director of PWO.
32. Governor EPA.
33. Governor of the Provincial Waterworks Authority.
34. Managing Director of Siam Trading Co., Ltd..
35. Managing Internet Thailand Company Limited (PCL).
36. Managing Director T - Internet Limited.



<p style="text-align: right;">NECTEC</p> <h2 style="text-align: center;">QR Code with Thai Language A Tool Promoting Efficient Management</h2> <p style="text-align: center;">5 March 2010 National Electronics and Computer Technology Center</p>  <p style="text-align: center; font-size: small;">Address: 1121, Phahonyothin Road, Prachinburi and Techno Park, Sriracha</p>	<p style="text-align: right;">NECTEC</p> <h2 style="text-align: center;">QR Code Usage in Thailand</h2> <p style="text-align: center;">Storing website URL, phone numbers, or GPS coordinates</p>  <p style="text-align: right;">2</p> <p style="text-align: center; font-size: x-small;">Address: 1121, Phahonyothin Road, Prachinburi and Techno Park, Sriracha</p>
<p style="text-align: right;">NECTEC</p> <h2 style="text-align: center;">QR Code Usage in Thailand</h2> <p style="text-align: center;">Storing web site URL</p>  <p style="text-align: right;">3</p> <p style="text-align: center; font-size: x-small;">Address: 1121, Phahonyothin Road, Prachinburi and Techno Park, Sriracha</p>	<p style="text-align: right;">NECTEC</p> <h2 style="text-align: center;">QR Code Usage in Thailand</h2> <p style="text-align: center;">Combining with social networking</p>  <p style="text-align: right;">4</p> <p style="text-align: center; font-size: x-small;">Address: 1121, Phahonyothin Road, Prachinburi and Techno Park, Sriracha</p> <p style="text-align: right; font-weight: bold; font-size: large;">NECTEC</p>

DENSO WAVE 1

10-03-05
Thai QR code Ceremony

Market requirement and Trend of AIDC Techniques

ISO/IEC JTC1 SC31
Japan Chairman
Akira Shibata

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DENSO WAVE 2

Presenter profile related standards

International member bodies

ISO/IEC JTC1 SC31
ISO/IEC JTC1 SC17
ISO/IEC JTC1 SC37
ISO TC20 WG13
ISO TC104 SC4 WG2
ISO TC122/TC104 JWG
ISO TC122 WG4
ISO TC122 WG7
ISO TC122 WG10
ISO TC204 WG4
ISO TC204 WG7

Japan Member bodies

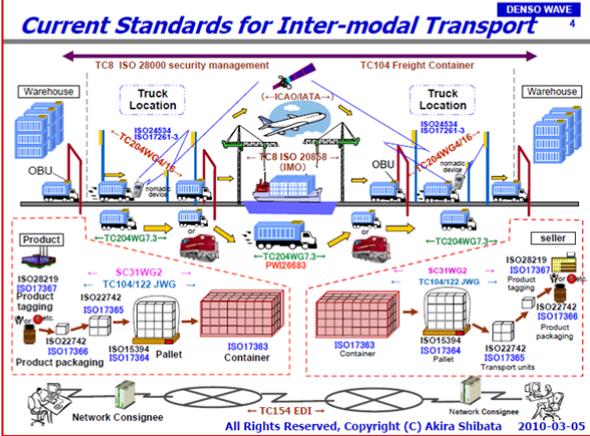
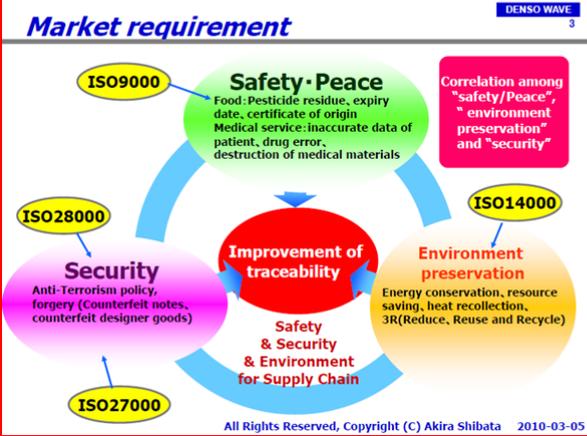
ISO/IEC JTC1
ISO/IEC JTC1 SC31 Chairman
JEITA AIDC Committee Chairman
JEITA RFID Expert Group Chairman
JEITA RFID Committee
JAISA R&D Centre Director
GS1, EPC Global

United State Member bodies

US TAG To ISO/IEC JTC1 SC31
ASC MH10/SC8

JEITA: Japan Electronics and Information Technology Industries Association
JAISA: Japan Automatic Identification Systems Association

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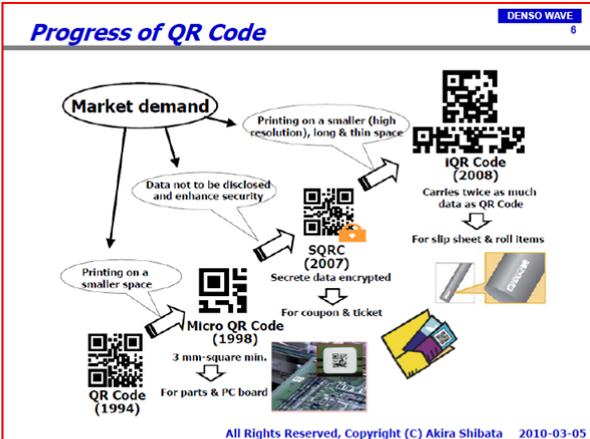
DENSO WAVE 5

Standard Body for Inter-modal Transport

Layer	Standard Body
5	ISO TC8 Ship and Marine Technology (Security management for Supply Chain)
4	ISO TC204 Intelligent Transport System
3	WCO (World Custom Organization)
3	ISO TC154 EDI (UN/EDIFACT)
2	ISO TC122 Packaging
1	ISO TC104 Freight Container
0	ISO/IEC JTC1 SC37 Biometrics
0	ISO/IEC JTC1 SC31 AIDC Techniques

Japan will support Thailand to be ISO/IEC JTC1 SC31 P member.

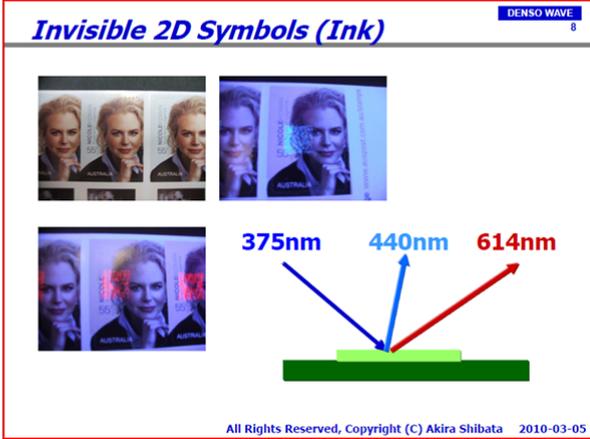
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DENSO WAVE 7

Trend of AIDC Techniques

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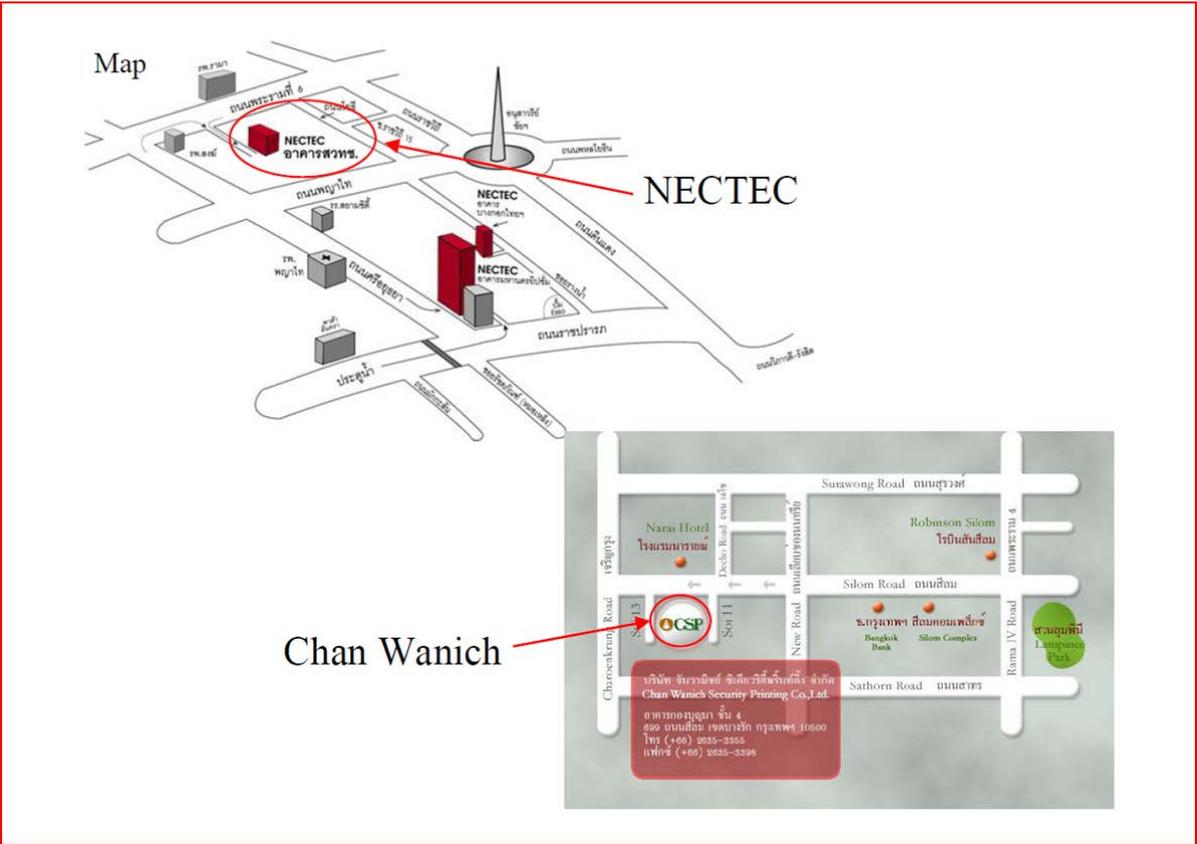
Report "NECTEC seminar on March 5th"

1. Date : March 5th (Fri) at Ministry of Science Technology BKK office
2. Attend : MOT Dr.Khun Ying Kallaya Sophonpanich (Minister Of Science Technology)
Dr.Thaweesak (Vice President of NSTDA)
CICC Mr.Hashizume (President)
Mr.Sato (Advisor) and assistant
DSTH Mr.Hirata MD and others
SATO Mr.Tasai (Executive Director of SATO HQ)
Mr.Hirai (President of SATO Thailand)
CWN Mr.Marachai MD and others
DNWA Mr.Shibata
Mr.Hirata
3. Audience : More than 70 people whom aimed by NECTEC target for Thai QR Code
4. Purpose : NSTDA reported to minister that Thai QR Code is applied as Thai Standard.
CWN introduced Thai QR Code application system to Thai Governments.



5. Result : All audiences understood easily and clearly about Thai QR Code.
Audiences inquiries ;
- What kind of OS in PDA can support Thai QR Code
- The necessary to implement Barcode devices in Thai QR Code system.
After the seminar some audience contacted CWN and SATO to discuss Thai QR Code system.
- QR Code capacity
- <Estimated project>
(1) CWN starts proposing Thai QR Code system to Thai Post.
(2) NECTEC ask DENSO WAVE to consider Thai QR Code testing in Thai National hospital with SATO patient wristband.
6. Media : We have 2 medias interviewed Dr.Chaichana , please see the link for reference.
- < Ministry of Science and Technology >
<http://www.most.go.th/main/index.php/component/content/article/1547--qr-code.html>
- < Thai QR Code news in website >
http://thainews.prd.go.th/view.php?m_newsId=255303050176&tb=N255303
http://thainews.prd.go.th/previewnews.php?tb=NEWS&m_newsId=255303050176

End.



Chan Wanich

QR Code Solution

1

Agenda

- ❖ Devices
- ❖ 2D Barcode comparison
- ❖ QR Code Application
- ❖ Case study in Thailand
- ❖ Data Security
- ❖ Benefit
- ❖ Demonstration

2

Device

- ❖ Hardware
 - Handheld Scanner
- PDA Scanner

3

Device

- ❖ Hardware
 - Mobile phone; iphone, java phone, windows phone

4



Thai Industrial Standards Institute



2009.11.06



Rama VI Street Bangkok
10400 Thailand

