



Company Presentation

December 2010



Safe Harbor Notice

E Ink Holdings' statement of its current expectations are forward-looking statements subject to significant risks and uncertainties. Actual results may differ materially from those contained in any forward-looking statements.



Milestones

E Ink Holdings is years ahead of competition in the EPD space

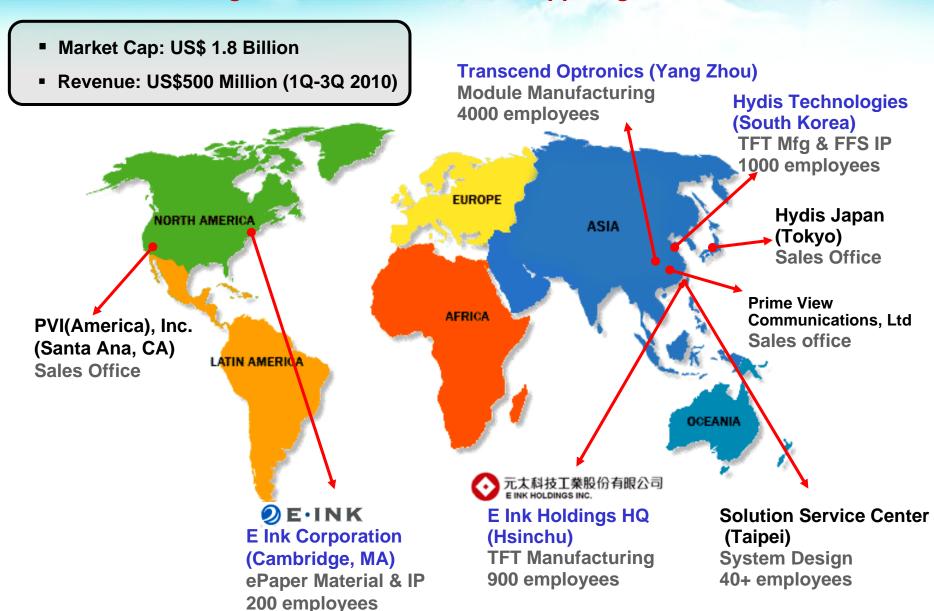
- 1992 Founded by Taiwan's leading paper making and printing group YFY and is the 1st TFT-LCD company in Taiwan
- 2004 Listed on Taiwan OTC
- 2005 Acquired EPD business from Philips
- 2008 Acquired Hydis (Korea) to expand capacity
- 2009 Acquired E Ink Corporation (USA) to integrate the supply chain

Founded in 1997 based on research started at the MIT Media Lab, E Ink Corporation is the leader in electronic paper display materials and intellectual property. E Ink has a strong patent portfolio and has commercialized many different forms of "Electronic Paper" solutions over the past ten years.



Worldwide Locations

Further integration to lower cost and support growth



Readability

- Innovative digital reading experience Paper-like
- No eye strain
- Read fast from any angle
- Sunlight readable no shade required

Portability

- Thin so eBooks can be smaller than regular books
- Lightweight like newspaper, unlike laptop
- Compact a library in your pocket!

Power Saving

- No backlight uses natural light, like paper
- Bi-stable leave power cord at home!
- Ultra long battery life

up to 14,800 page turns (about 40 books)

E Ink Holdings aims to provide the world's best reading experience



Leading market position

With blue-chip customers and product leadership

Solid relationship with the heavyweights in the e-reader industry





















acer.





ilinet







Strong E Ink Brand Presence in the market

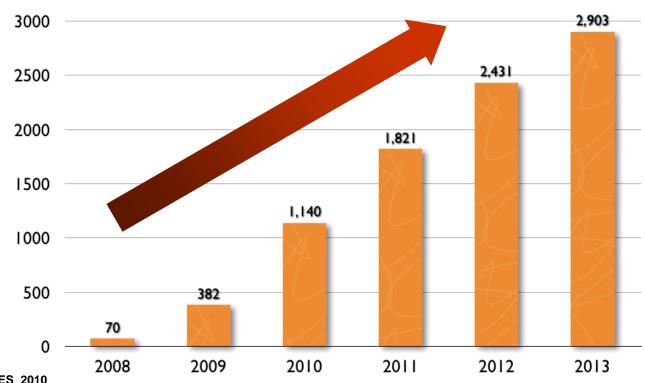


The market opportunity is huge for ePaper

Significant EPD growth and sales increase

Global Reflective eBook Reader Shipment Estimate





Source: DIGITIMES 2010



- "...in 10 years ...there will be no newspapers, no magazines that are delivered in paper form. Everything gets delivered in an electronic form."
- Steve Ballmer, Microsoft CEO



"Our students still learn from instructional materials in formats made possible by Gutenberg's printing press. It's nonsensical — and expensive"

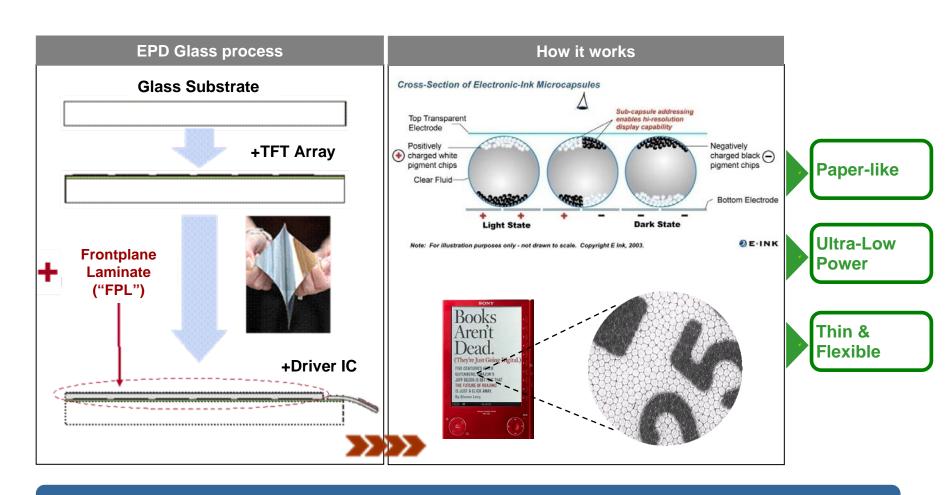
- Gov. Schwarzenegger California digital textbook initiative



E Ink technology overview

Reflective technology with high whiteness and contrast ratio

Technology based on moving black and white particles in microcapsules using electric charges

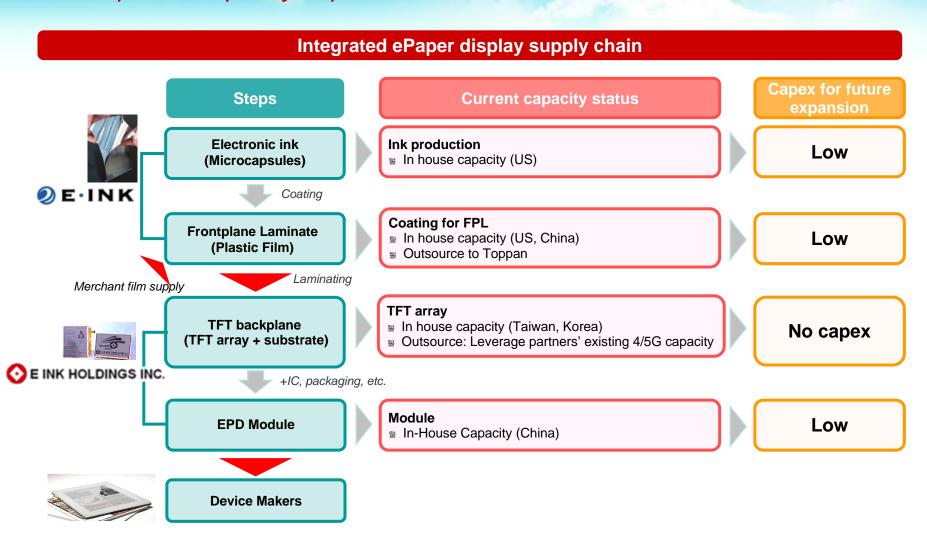


E Ink is the leading electrophoretic technology



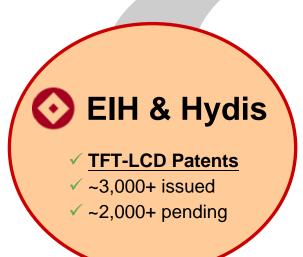
Streamlined EPD supply chain

Expedite capacity expansion to meet market demand



Streamlined EPD supply chain allows growth on limited capex

FFS technology ("Fringe Field Switching")



- √ Sunlight readable
- ✓ Wide viewing angle
- ✓ Power saving



- ✓ TFT-EPD Patents
- √ 160+ US patents
- √ 70+ foreign issued patents
- √ Research began at MIT Media Lab
- ✓ Electrophoretic technology

EPD technology leader

We have a rich patent portfolio to support and protect our leadership position



Technology roadmap

New products rolling out

Color Technology Roadmap **High Contrast Ink**

Full Color







Touch Technology Roadmap

Resistive

Capacitive

Digitizer

Flexible Technology Roadmap Unbreakable

Flexible









Planning

Future/R&D

Future technology roadmap based on innovation: Color, Touch, Flexible



Further EPD applications

Application alternatives beyond publishing

The versatile properties of EPDs allow information to be printed on almost any surface







- Architectural (Smart Glass)
- Defense / Security
- Rewriteable Films / Printing
- **Out-Licensing**



Smart Surface











- Changeable Keypads
- In-Store Signage
- **Outdoor Signage**
- Indicators
- **Smart Labels**
- Mobile Device Accessories

Mobile Information











Publishing

- eBooks
- eNewspapers
- eTextbooks

Others

- Mobile Phones
- Mobile Internet Devices
- Handheld Data Collection
- GPS
- Secondary Displays
- **Tablet PCs**
- eNotepads

EPD can be applied to various applications in addition to publishing



3Q10 Consolidated Financial

| (NT\$Million) | 1Q10 | 2Q10 | 3Q10 | 1Q10~3Q10 | |
|----------------------|-----------------|---------------------------|--------------|---------------|--|
| Net Sales | 5,012 100.0% | 5,169 100.0% | 5,273 100.0% | 15,454 100.0% | |
| Gross Profit | 1,488 29.7% | 2,005 38.8% | 1,648 31.3% | 5,141 33.3% | |
| Operating Expense | 843 16.8% | 959 18.6% | 844 16.0% | 2,646 17.1% | |
| R&D Expense | 365 7.3% | 459 8.9% | 312 5.9% | 1,136 7.4% | |
| Operating Profit | 644 12.8% | 1,046 20.2% | 804 15.2% | 2,494 16.1% | |
| Non-op items | 310 6.2% | (25) -0.5% | 188 3.6% | 472 3.1% | |
| Pre-tax Income(Loss) | 954 19.0% | 1,021 19.8% | 992 18.8% | 2,967 19.2% | |
| Tax | 251 5.0% | 334 6.5% | 328 6.2% | 913 5.9% | |
| Net Income | 703 14.0% | 687 13.3% | 664 12.6% | 2,054 13.3% | |
| E Ink Net income | 704 14.0% | 700 13.5% | 709 13.4% | 2,113 13.7% | |
| Minority Interest | (1) 0.0% | (<mark>13</mark>) -0.3% | (45) -0.9% | (59) -0.4% | |
| EPS | 0.70 | 0.65 | 0.66 | 2.01 | |
| | | | | | |





Thank You

E Ink Holdings (EIH)





公司簡介

November 2010



1992 由台灣第一大造紙印刷企業, 永豐餘造紙成立, 為台灣第一家TFT-LCD公司

2004 於台灣上櫃

2005 併購 Philips集團之電子紙部門

2008 併購韓國 Hydis Technologies

2009 併購美國 E Ink Corporation, 垂直整合電子紙產業.



全球據點

■ 市値: US\$ 1.8 Billion 川奇光電 (揚州) ■ 合併營收: US\$500 Million (1Q-3Q 2010) 模組製造 **Hydis Technologies** (南韓) TFT 製造 & FFS IP EUROPE **Hydis Japan** NORTH AMERICA **ASIA** (東京) 銷售據點 **Prime View AFRICA** Communications, Ltd PVI(America), Inc. 銷售據點 (美國) LATIN AMERICA 銷售據點 **OCEANIA** 元太科技工業股份有限公司 EINK HOLDINGS INC. **⊘**E·INK 元太科技總部 系統開發中心 **E Ink Corporation** (新竹) (台北) 系統設計開發 (美國)

電子紙製造及IP



電子紙的優點與特性

接近紙本閱讀經驗

- 不會閃爍,眼睛不易疲累
- 清晰明亮,對比度高
- 無視角限制
- 陽光下可清楚閱讀,不會反光

方便攜帶

- 體積薄,耐用
- 重量輕
- 不易碎
- 可於戶外閱讀

超省電

- 不需要背光源
- 雙穩態 (Bi-stable)
- 超省電:單次充電可翻 1萬5千頁以上(約40本書)



在電子書市場佔有領先地位































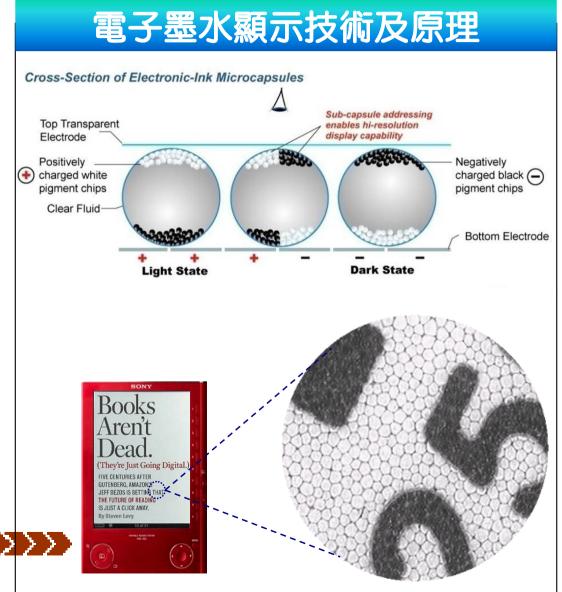






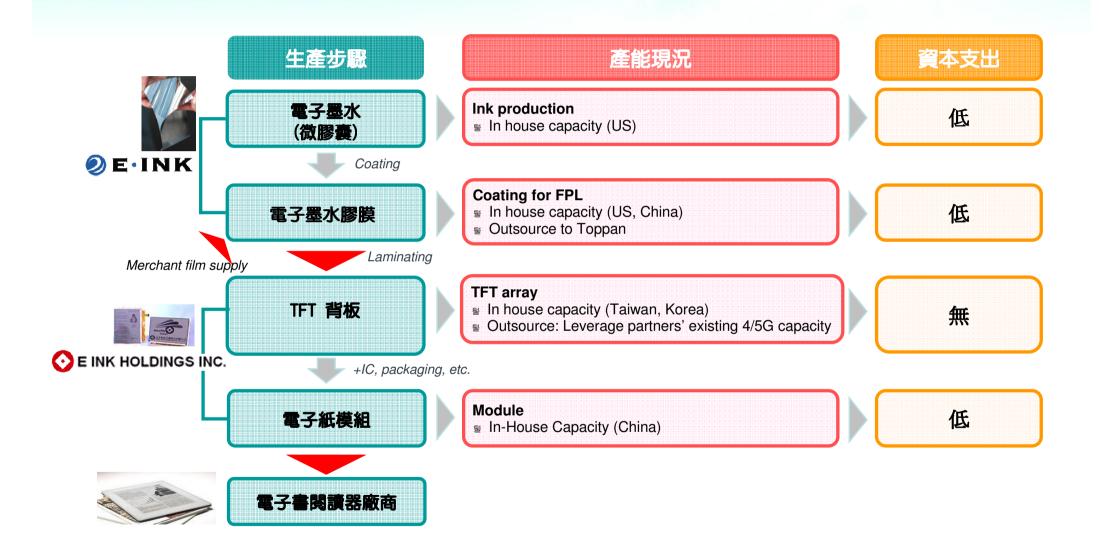
E Ink 電子墨水技術及原理

電子紙顯示器 (EPD) 製程 **Glass substrate** + TFT Array Frontplane Laminate ("FPL") + Driver IC





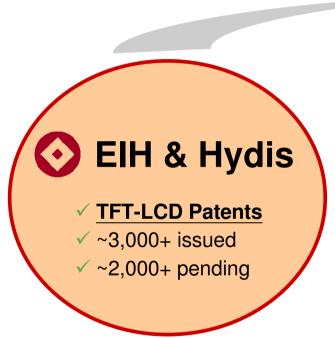
垂直整合電子紙生產鏈





堅強的研發能力及完善的IP

FFS technology ("Fringe Field Switching")



- ✓ 陽光下可視
- ✓ 廣視角
- ✓ 省電

- **OE·INK**
- √ TFT-EPD Patents
- ✓ 160+ US patents
- √ 70+ foreign issued patents

- **✓ 研究始於 MIT Media Lab**
- ✓ 電泳式電子墨水技術

領導電子址技術



E Ink 電子紙新產品

彩色電子紙

高對比黑白電子紙

全彩







觸控電子紙

電阻式觸控

電容式觸控

電磁式觸控

可撓式電子紙

不易碎

可撓式









E-Tag

E-Magazine

E-Signage

E-Map

Planning

Future/R&D



電子紙的未來應用







- Architectural (Smart Glass)
- Defense / Security
- Rewriteable Films / Printing
- Out-Licensing













- Changeable Keypads
- In-Store Signage
- Outdoor Signage
- Indicators
- Smart Labels
- Mobile Device Accessories

Mobile Information











Publishing

- eBooks
- eNewspapers
- eTextbooks

Others

- Mobile Phones
- Mobile Internet Devices
- Handheld Data Collection
- GPS
- Secondary Displays
- Tablet PCs
- eNotepads



3Q10合併財務報表

| 1Q10 | | 2Q1 | 2Q10 | | 3Q10 | | 2010年1-9月 | |
|-------|--|--|--|---|--|--|--|--|
| 5,012 | 100.0% | 5,169 | 100.0% | 5,273 | 100.0% | 15,454 | 100.0% | |
| 1,488 | 29.7% | 2,005 | 38.8% | 1,648 | 31.3% | 5,141 | 33.3% | |
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| 0.70 | | 0.65 | | 0.66 | | 2.01 | | |
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