零售業雲端服務應用

內容安排

- 內容安排
- 第0節: 簡介
- 第1節: 雲端服務簡介
- 第2節: 雲端運算模型簡介
- 第3節: 零售業的特質及對雲端服務的需要
- 第4節: 案例分享

第0節: 簡介



關於這個講座

- 在這個講座中,您會學到
 - 什麼是雲服務
 - 雲服務的不同模型
 - 零售業的特質及對雲端服務的需要
 - 案例分享

關於您及關於我

- 關於我
- 關於您
 - 是那間公司,角色是什麼?
 - 對雲服務的認識?
 - 有使用雲服務的一些經驗嗎?
 - 對這講座的期望?

第一節: 雲端服務簡介



雲端服務簡介

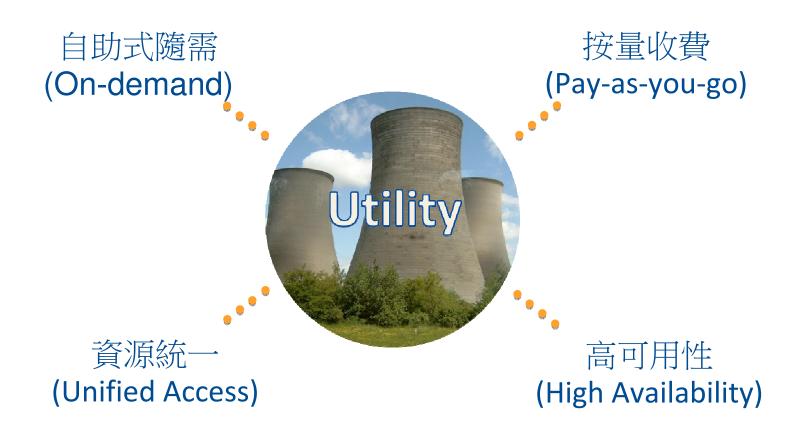
- 什麼是雲端服務?
- 雲端服務的特色
 - 傳統IT資源困難調配
 - 雲端資源彈性調配
 - IT架構的改變
 - 雲端運算特色

什麼是雲端服務?

- 這是近年來很熱門的題目.
- 企業可透過雲計算,使用一些"公共電腦或應用資源",大大減輕自設服務器的壓力,並可透過"按量收費"的模式,用多少付費多少!
- 使企業獲得一個具彈性,安全,具成本效益的IT應用.
- 企業可花更多時間,專注自己的業務.

什麼是雲端服務?

• 雲計算的概念 - 使用IT資源就好像使用公用資源一樣(如電力)



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雲端服務簡介

- 什麼是雲端服務?
- 雲端服務的特色
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 - 雲端資源彈性調配
 - IT架構的改變
 - 雲端運算特色

雲端服務特色(1)

- 傳統IT資源困難調配
- 特色#1:用\$0已可開始,不像傳統的方法要預先買入不同的設備

内部安裝(On-Premise)

Physical Space

Cabling

Power

Cooling

Networking

Racks

Servers

Storage

Certification

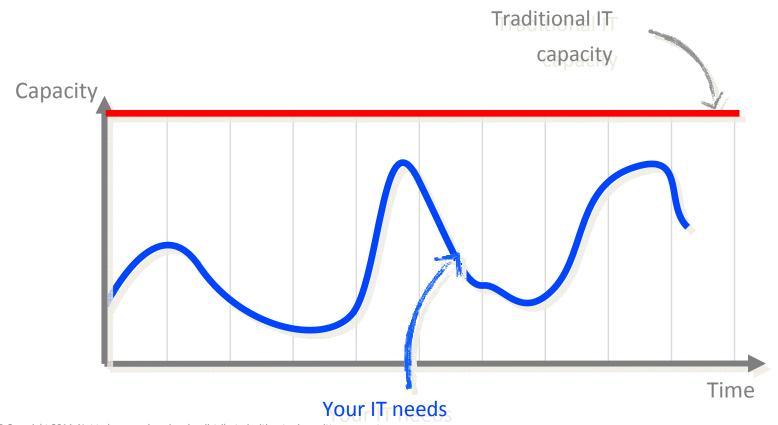
Labor

雲端應用

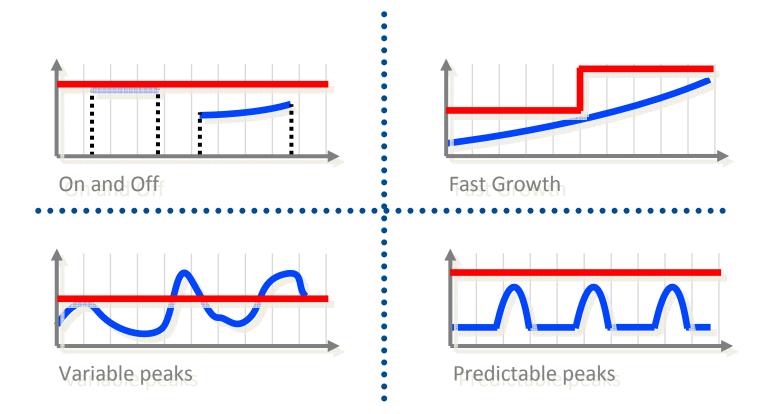


no long-term contracts

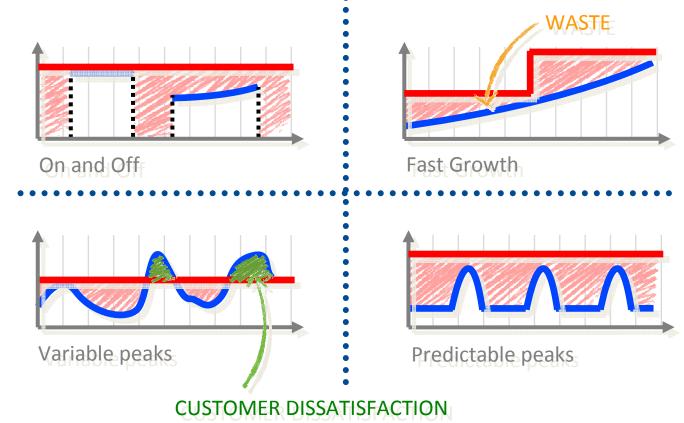
- 雲端資源彈性調配
- 特色 #2: 使用傳統的內部配置, 較難滿足變化的IT資源需求



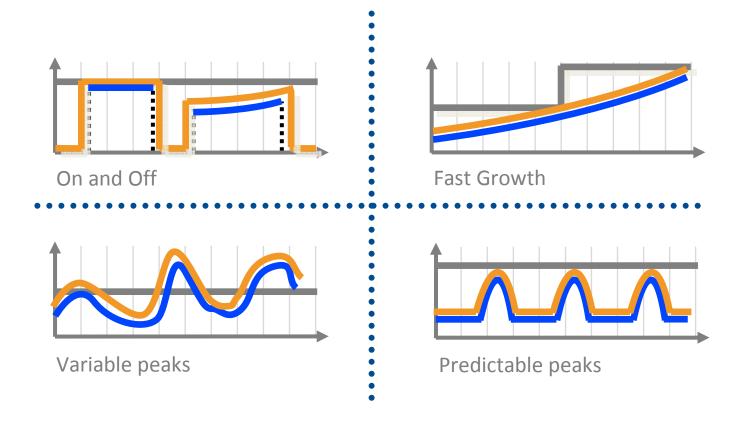
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雲端服務特色(3)

- 雲端運算特色
- 業務變得更有彈性,可進行不同的實驗,開始時無需要長期投資
- 可按業務發展情況,再決定下一步的投資
- 雲端服務提供商可專注提供服務,您可專注業務,各得好處

雲端服務特色(4)

- <u>IT架構的改變</u>
- 將固定成本變成可變成本, CAPEX變成了OPEX
- 如有需要作批量運算時,可使用**100台服務器運算1小時**,因在雲端的價格將等同1台服務器運算100小時

第二節:雲端運算模型簡介



雲端運算模型簡介

- 三個雲端運算的服務模型
 - 架構即服務 (laaS)
 - 平台即服務 (PaaS)
 - 軟件即服務 (SaaS)
- 雲端運算的部署模型
 - 公有雲 (Public cloud)
 - 私有雲 (Private cloud)
 - 混合雲 (Hybrid cloud)

架構即服務 (laaS)

- 架構即服務 = Infrastructure-as-a-Service
- 提供較基層的IT資源,如服務器,儲存,寬帶等等
- 如打算自行在這層上建設應用,則可選擇laaS的提供商
- 提供商: Amazon Web Services (AWS), RackSpace

平台即服務 (PaaS)

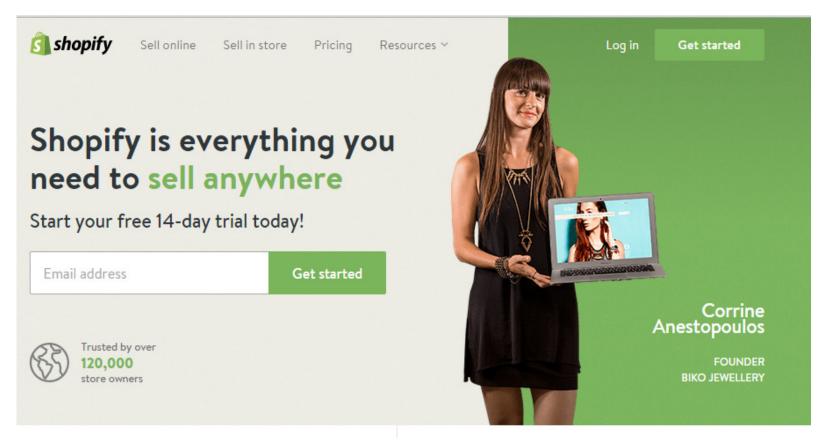
- 平台即服務 = Platform-as-a-Service
- 在基礎IT資源上,再加上了一套開發架構,方便使用架構建設應用
- 開發應用時只需**關心如何使用架構**,不用管理基礎IT資源
- 不同的廠商都推出了不同架構.
- 例如: Google App Engine, Microsoft Azure, Heroku等等

軟件即服務 (SaaS)

- 軟件即服務 = Software-as-a-Service
- 這個就是應用層,是面向用戶的,也是某商業應用設計的
- 透過WEB來使用,不用安裝,有**瀏覽器就能夠使**用
- 這層的服務較適合零售商使用
- 例如: Salesforce (客戶管理平台), Google Apps (如網上OFFICE), BOX.NET (網上硬盤), ZOHO (網上電郵)



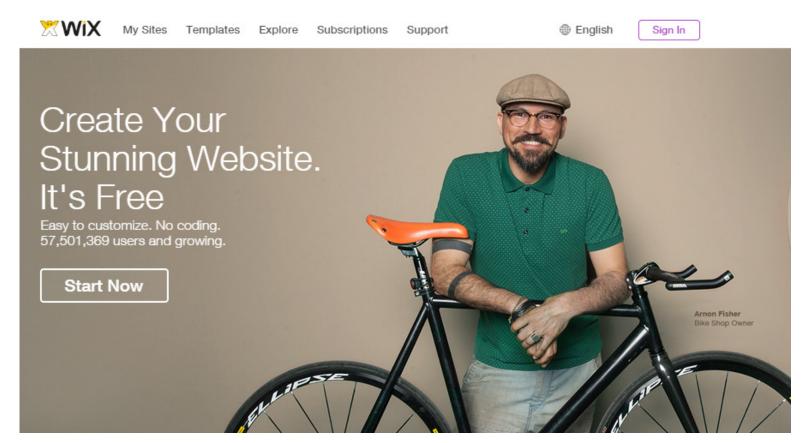
• SaaS的一些例子:不同雲端應用提高零售商的營運效率,如可協助建立網上商店的平台(SHOPIFY).



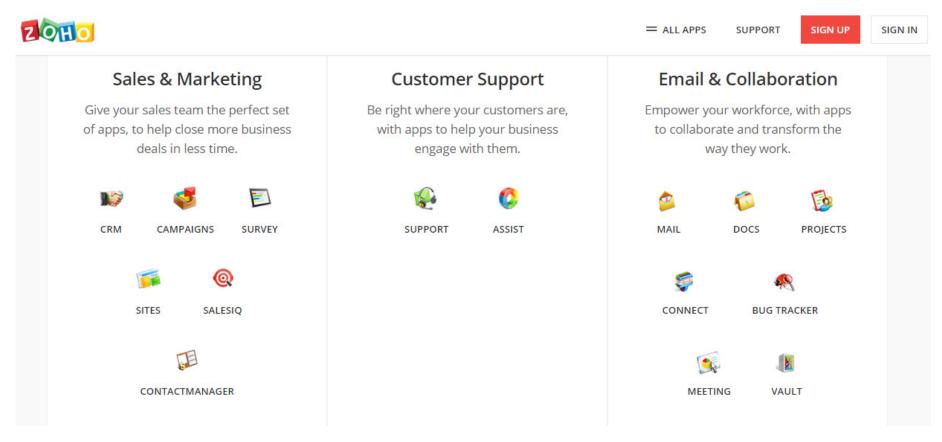
• SaaS的一些例子:不同雲端應用提高零售商的營運效率,如可協助管理 客戶的CRM平台(SALESFORCE).



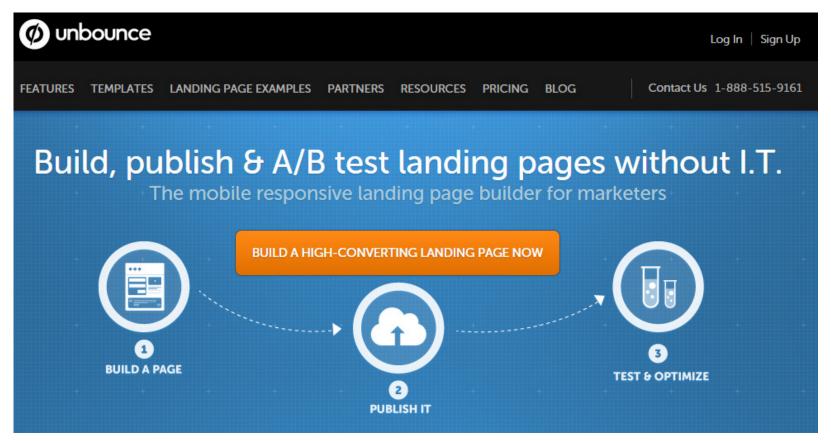
• SaaS的一些例子:不同雲端應用提高零售商的營運效率,如可協助制作網頁的平台(WIX).



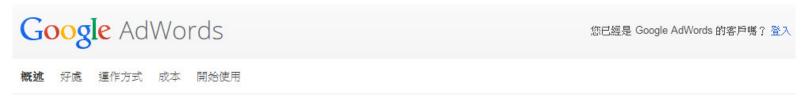
• SaaS的一些例子:不同雲端應用提高零售商的營運效率,如可協助公司 內部構通的平台 (ZOHO).



• SaaS的一些例子:不同雲端應用提高零售商的營運效率,如可協助建立 營銷登陸頁的平台(UNBOUNCE).



• SaaS的一些例子:不同雲端應用提高零售商的營運效率,如可協助進行 文字式搜尋廣告的營銷平台(ADWORDS).

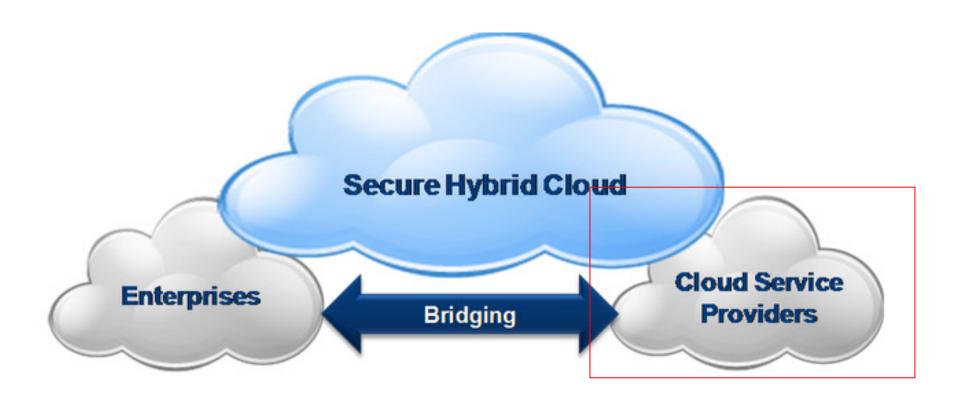




雲端運算模型簡介

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雲端運算的部署模型



公有雲

- 公有雲是指在互聯網上將雲服務公開給一般大眾來使用
- 最典型的例子就是Google搜索服務
- 它們的共同特色就是將個人數據從私人電腦移動到公開式的雲計算上
- 且免費或按量收費開放給任何人使用
- 這些網路數據由提供公共雲的供應商負責維護與保護

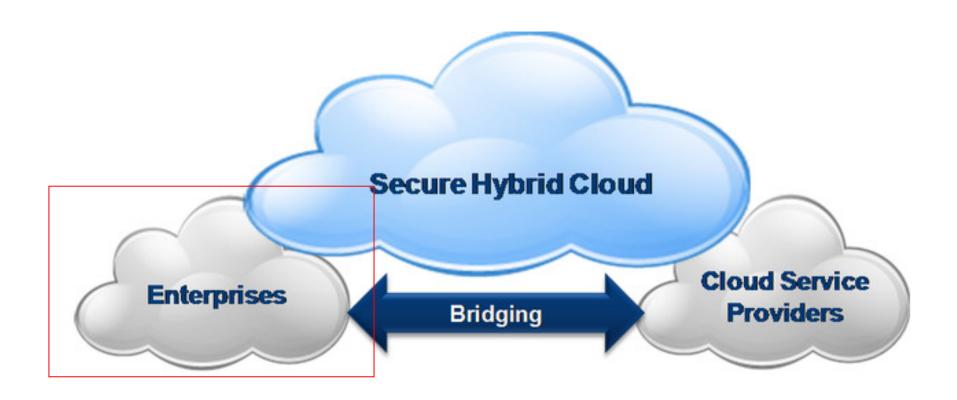


公有雲的優點

- 公有雲的主要優點如下
- 免費或按量收費、方便訪問且與硬體裝置無關
- 具備彈性與伸縮性,可依照自己所需使用不同的應用程式
- 不浪費資源,僅支付你所使用的時間所需的費用



雲端運算的部署模型



私有雲

- 私有雲計算是指企業可以完全控制的雲計算方式
- 例如雲存儲的**存儲資源的訪問可以完全有企業控制**,而不是哪一個雲 計算服務提供商
- 私有雲的另外一種概念是由雲計算提供商提供強的隔離性,將用戶構建的集群以及數據中心作為一個雲服務的獨立和隔離的子集,成為一個用戶私有的子雲。

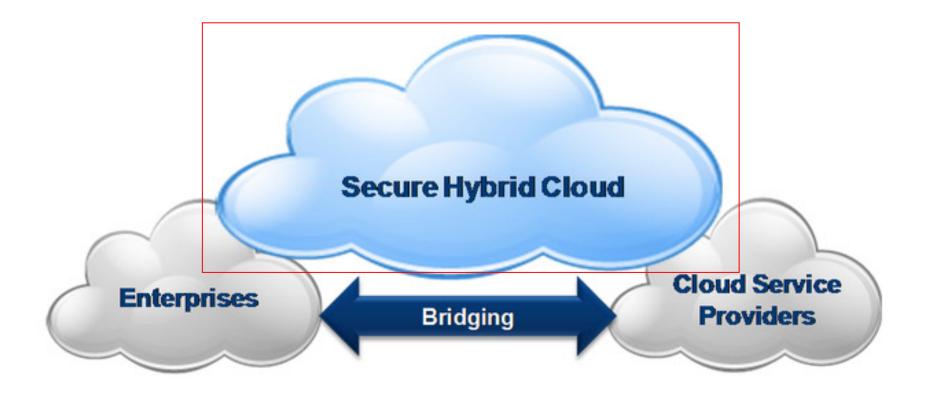


私有雲的優點

- 私有雲計算的優勢
- 能對數據、安全性提供有效控制
- 提供更高的服務質量
- 充分利用現有硬體資源和軟體資源
- 部署方式靈活



雲端運算的部署模型



混合雲

- 混合雲是公共雲和私有雲的混合
- 當公司需要使用既是公共雲又是私有雲的服務時,選擇混合雲比較合適



混合雲的優點

- 混合雲計算的優勢
- 混合雲有助於提供所需的、外部供應的擴展
- 用公用雲的資源擴充專用雲的能力
- 可用來在發生工作負荷快速波動時維持服務水平



第3節:零售業的特質及對雲端服務的需要

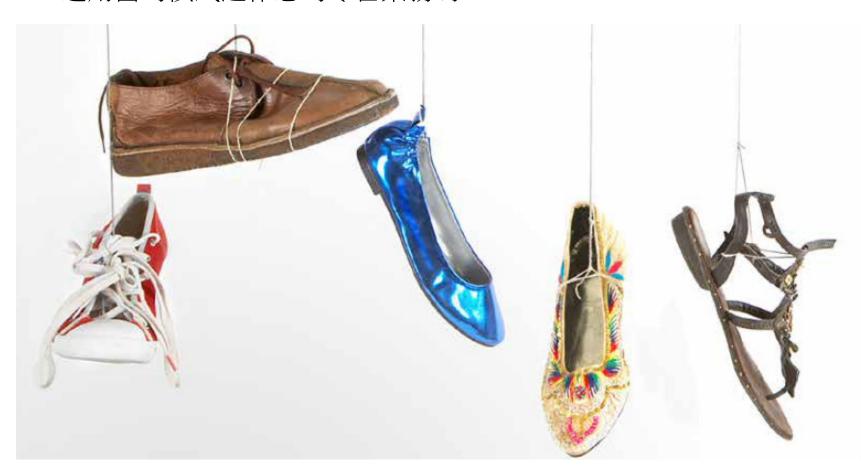


零售業的特質及對雲端服務的需要

- 對零售業的3大業務必要性
- 雲端應用發揮商業價值
- 雲端應用: SHOPIFY
- 雲端應用: BINDO

傳統零售方法

• 還用舊的模式運作您的零售業務嗎?



零售商的雲端市場

- 雲端應用可為零售商連接時間緊迫,流動性強的及熱愛電子科技的消費者,提供更好的購買體驗 (Shopping Experience)
- 雲端應用可使零售商快速面對改變,建立適當的應用,緊貼消費者.
- 提供給零售商的雲端市場規模,預計由 2011年的42億美元,升至2015年的150 億美元.



1. 建立無縫多方平台

數據+分析+執行=無縫零售 (Seamless Retailing)









統一購物體驗





進行不同實驗

• 例如: 準確零售數據使分析變得更為容易

Today's Sales \$3,258.72

Products Sold

2,674

\$28.00

Online Store Visits



Last Week	
Sales	\$1,234.08
Tax	\$5.67
Sales total	\$1,239.75
Returns	\$25.00
Tax	\$1.00
Returns total	\$26.00
Net profit income	\$1,000.00
Not delivery income	\$45242

• 統一客戶檔案,更能了解客戶的購買習慣

	Name	Since	This Month	This Year	Lifetime ▼	Profit Margin
	Michael Seiler	1/5/12	\$449.99	\$2,493.22	\$3,650.26	92.80%
9	David Bozin	25/8/13	\$892.76	\$2,867.49	\$2,867.49	80.36%
	Jane Doe	17/6/12	\$629.53	\$1,724.52	\$2,501.14	75.41%
	Gerard McG	4/10/11	\$42.00	\$650.28	\$1,935.09	73.77%

• 統一客戶檔案,更能了解客戶的購買習慣



2. 提供無縫的客戶體驗(Customer Experience)

- 客戶想用自己喜愛的渠道購物
- 客戶想獲取準確的信息
- 零售商想考慮如何在不同渠道提供統一客戶購物體驗



50% One half expect the

same product assortment in store as online



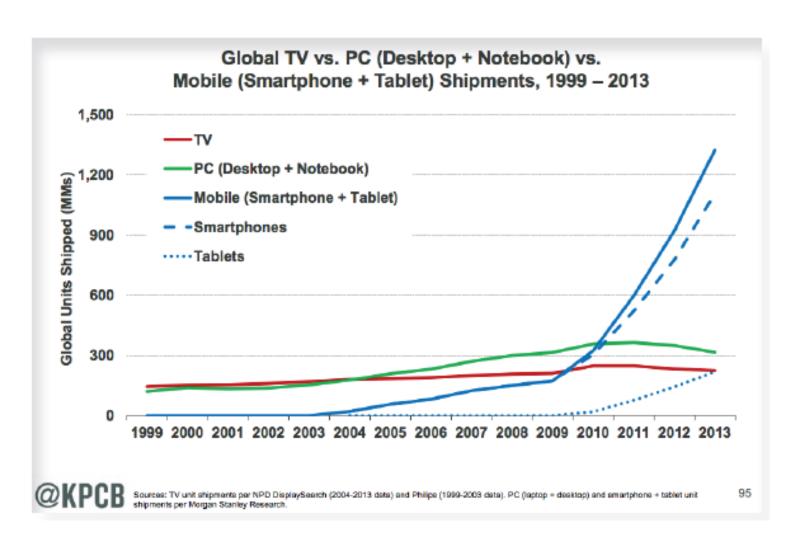
57%

57% of respondents expect the same pricing in store as online

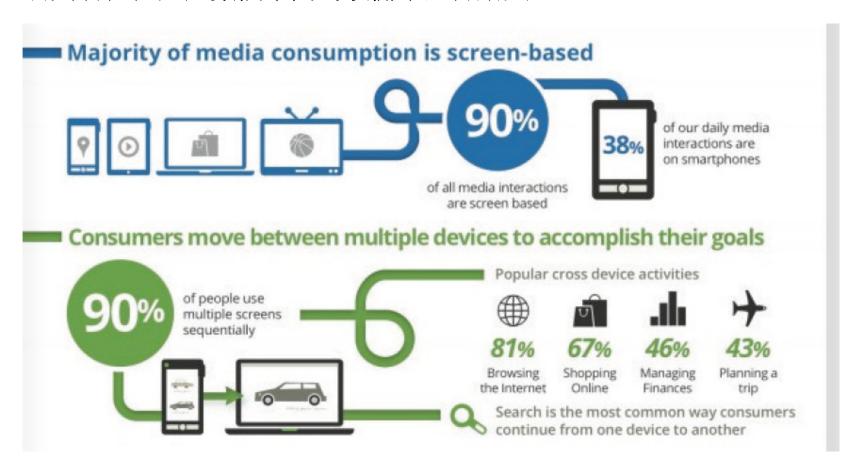


53%

53% want the same promotions in store and online

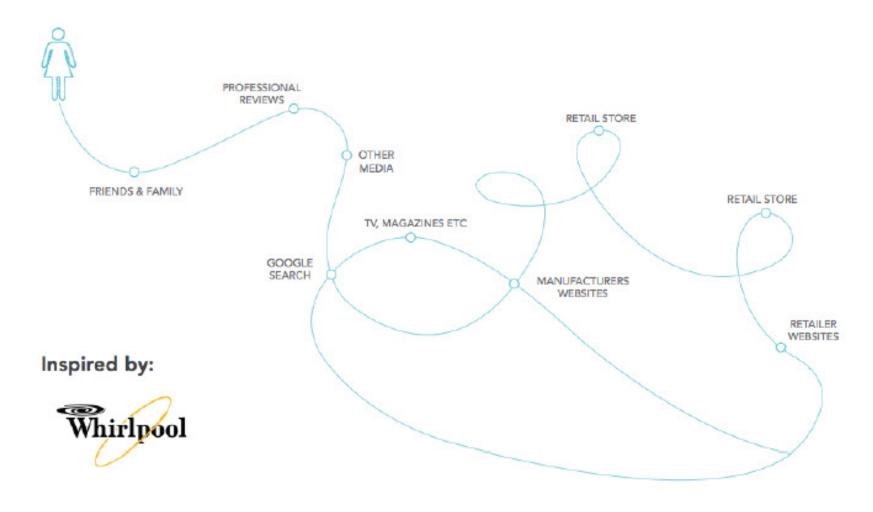


• 消費者往往通過數個不同的設備來進行購買





Extracted from: The info-graphic compiled and produced by Merchant Warehouse.



3. 尋找新市場及新服務

- 實店零售,局限了客戶群的接觸,亦局限了業務的發展
- 網上/社交網絡/手機上零售,可增加銷售給更多不同地區的客戶的機會
- 有助開發新市場,新產品,新服務



零售業的特質及對雲端服務的需要

- 對零售業的3大業務必要性
- 雲端應用發揮商業價值

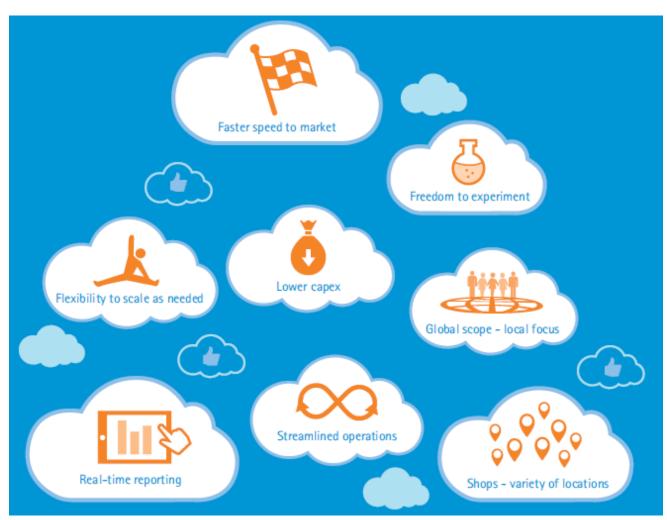
• 雲端應用: SHOPIFY

• 雲端應用: BINDO

雲端應用發揮商業價值

- 雲端應用可加速以上的3個必要地方
- 雲端應用亦可加強以下環節:
 - 銷售渠道管理(講座1)
 - 營銷管理 **(講座2)**
 - 供應鏈管理 **(講座3)**
- 有什麼雲端應用可針對以上不同範疇?

銷售渠道管理





店鋪渠道及電子渠道需要 相互整合及互補優勢

- 將營運變得更具成本效益
- 開設店鋪所需時間更短
- 較低初次投資
- 實時報表
- 可多嘗試不同的產品/服務
- 較易擴展/縮少規模

零售業的特質及對雲端服務的需要

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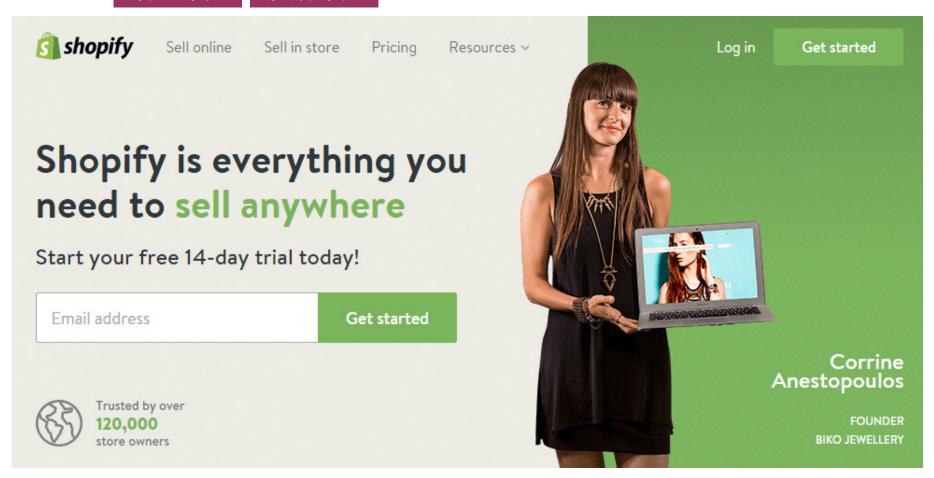
銷售渠道管理

- <u>傳統POS系統出現變化</u>
- POS系統亦邁向雲端平台
- POS系統與網上商店系統整合
- 手機及平板電腦現變身成為POS系統,可處理款項,亦可管理庫存
- POS的硬件成本將會降低

SHOPIFY - 雲端零售平台

網上零售

店鋪零售

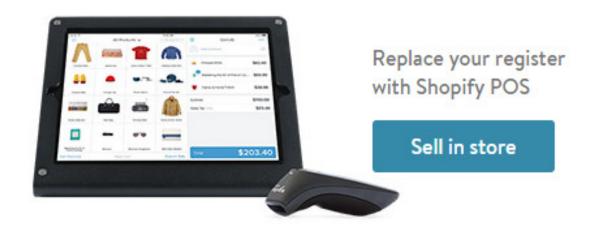


SHOPIFY - 雲端零售平台

Create your ecommerce website with Shopify

Sell online

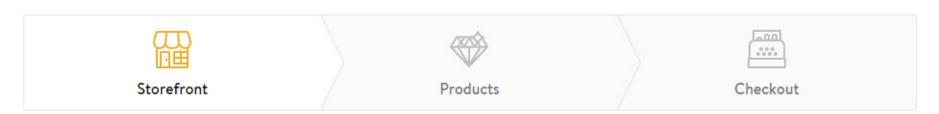




SHOPIFY - 雲端零售平台



SHOPIFY-鋪面設計(電子商鋪)



A home for your brand

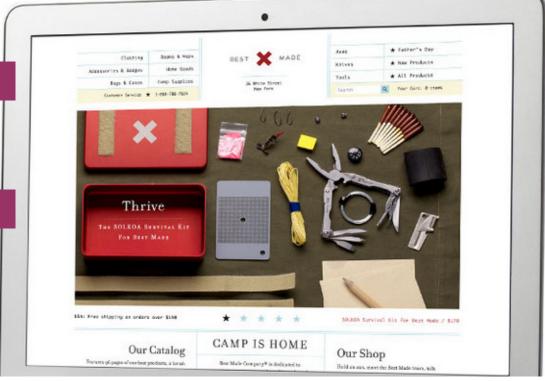
Customize your store

定制你的鋪面

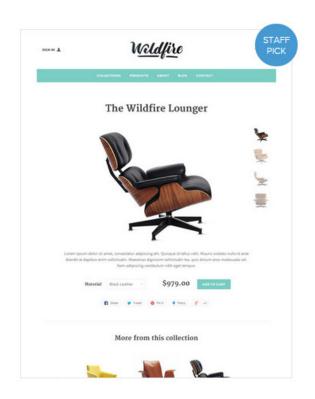
You have complete control over the look and feel of your website, from its domain name to its layout, colors and content.

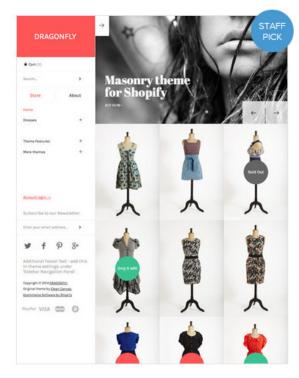
No design skills needed 無需設計技巧

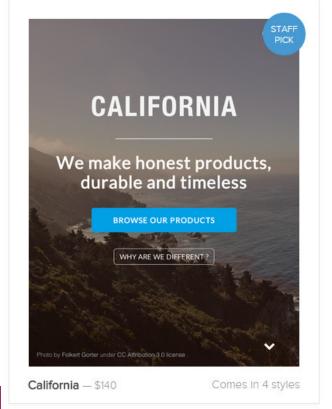
Choose from over 100 professional store templates, or build your own design using HTML and CSS.



SHOPIFY-鋪面設計(電子商鋪)

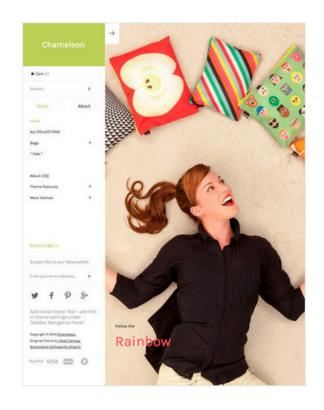


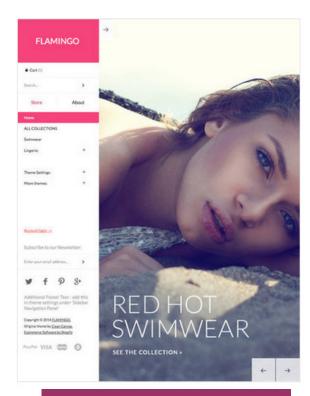


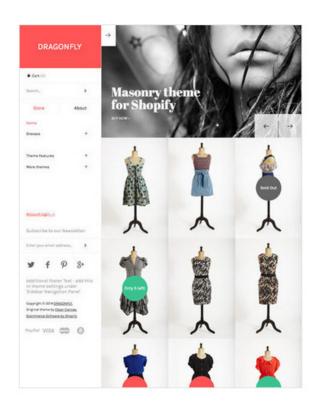


不同的設計模板

SHOPIFY-鋪面設計(電子商鋪)

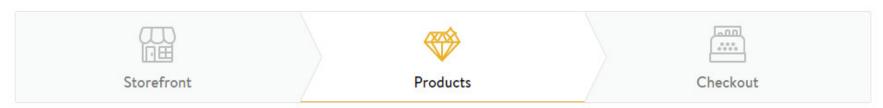


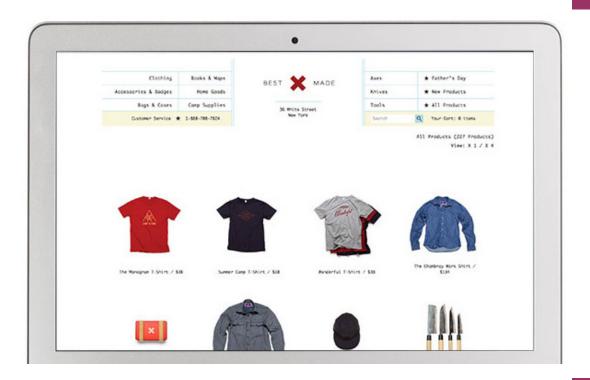




不同的設計模板

SHOPIFY - 產品 (電子商鋪)





展示你的產品

Put your products first

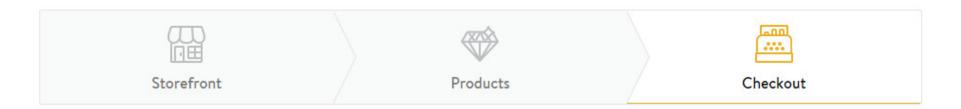
Showcase your products

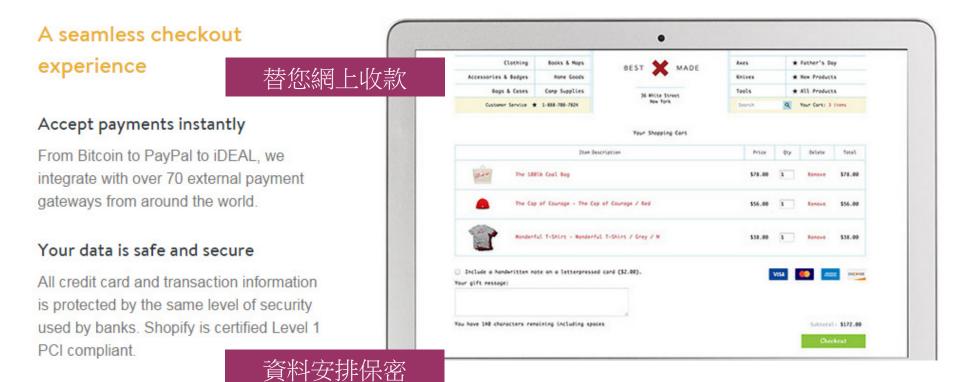
Your products are displayed in an online catalog that you can organize by category, so they're easy for customers to browse and always look their best.

Sell one product or millions

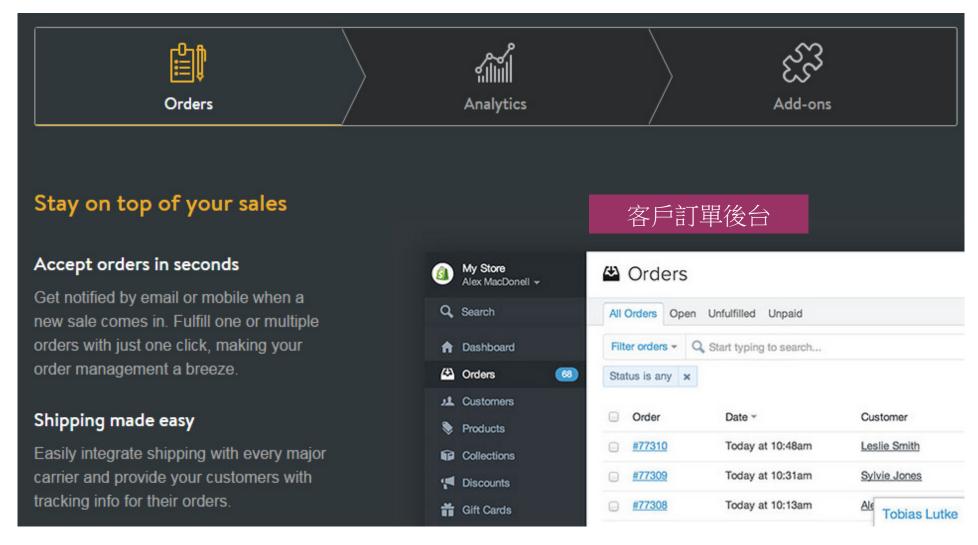
Shopify fits your business, whether you're a mom-and-pop shop, a weekend crafter, or a big brand name. There's no limit to the number or type of products you can sell in your online

SHOPIFY - 電子付款 (電子商鋪)





SHOPIFY - 客戶訂單後台 (電子商鋪)



SHOPIFY - 分析報告 (電子商鋪)



SHOPIFY - 分析報告 (電子商鋪)

Dashboard

儀表板

An actionable dashboard of your sales, orders, and traffic helps you make the right choices for your business.

Product reports

產品分析報表

Analyze and gain insight into your store's growth. See which products are selling — and which ones aren't

Export reports

報表導出

Reports can be exported for further analysis in your favourite spreadsheet tool, or can be sent to your bookkeeper or accountant.

Google Analytics

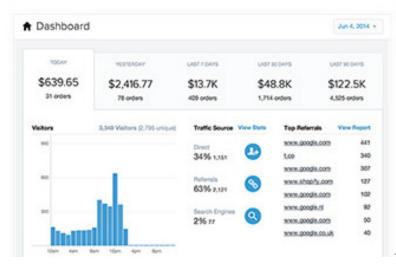
使用Google Analytics

Google Analytics works with your online store, so you can track sales, visits, and referrals.

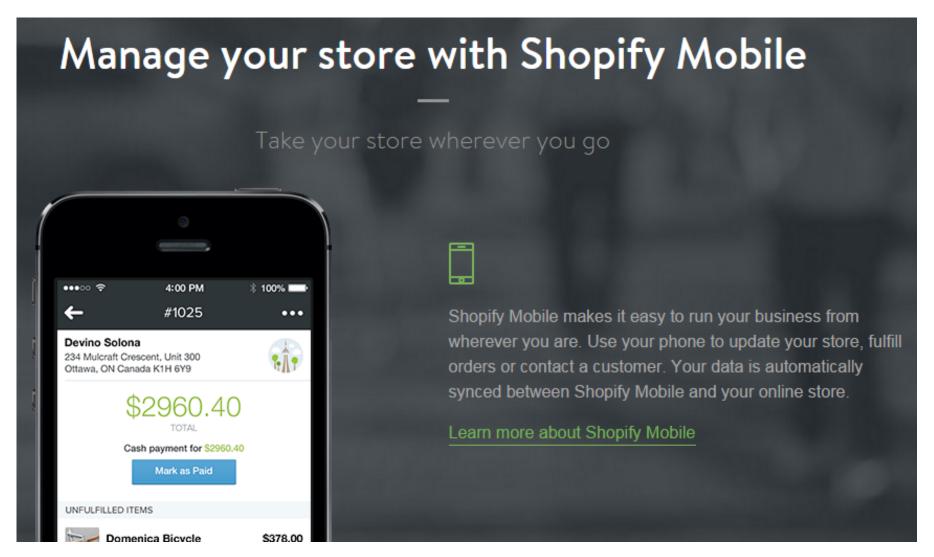
Traffic/Referral reports

流量報告

See where your visitors come from, and how they found your online store.



SHOPIFY - 手機渠道 (電子商鋪)



SHOPIFY - 手機渠道 (電子商鋪)



Manage your online store.

All the tools you need, whenever you need them.

Shopify Mobile makes it easy to run your business from wherever you are. Use your phone to update your store, fulfill orders or contact a customer. Your data is automatically synced between Shopify mobile, your online store and your Shopify POS system.

Order Notification

客戶訂貨通知

Get a text or email every time a new order comes in. From there it's just a few taps to fulfill the order in seconds.

Easy Fulfillment

Once your order has been processed, you can send a shipping notification to your customer right from the post office.

Manage Inventory

Take a product photo, delete an old product, change a price or add inventory — all from your phone.

SHOPIFY - 手機渠道 (電子商鋪)



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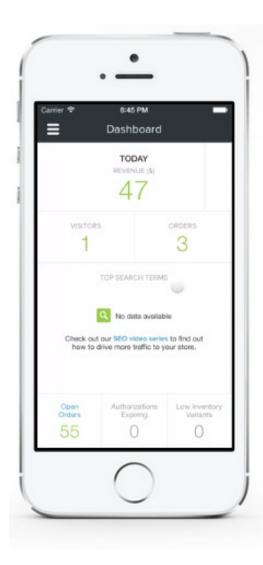
發貨通知

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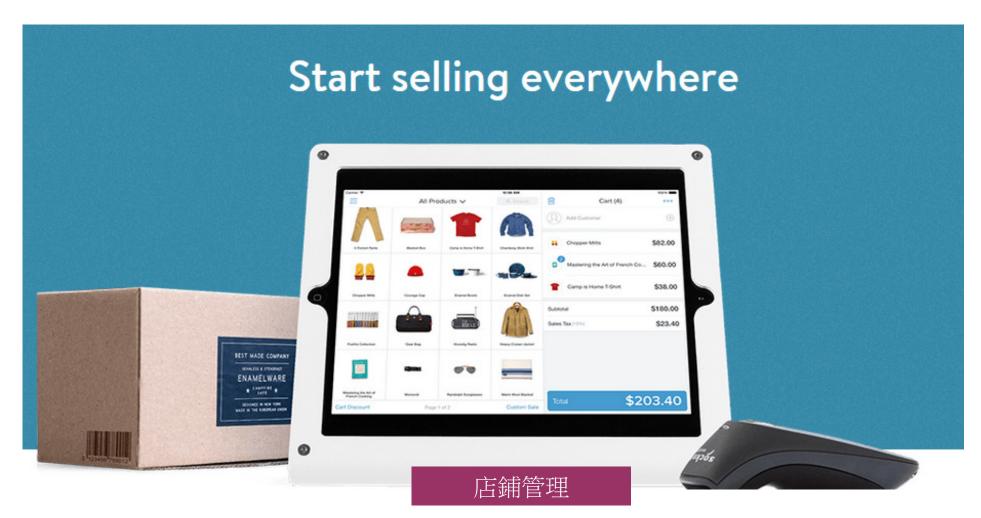
Once your order has been processed, you can send a shipping notification to your customer right from the post office.

Manage Inventory

庫存管理

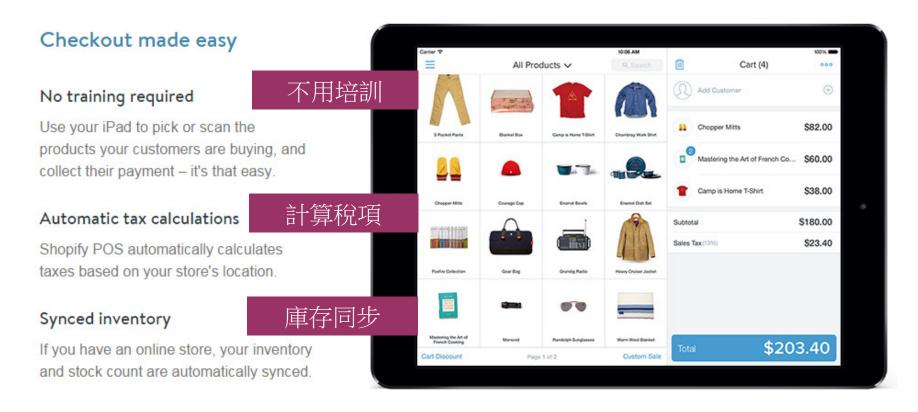
Take a product photo, delete an old product, change a price or add inventory — all from your phone.

SHOPIFY - 店鋪銷售管理



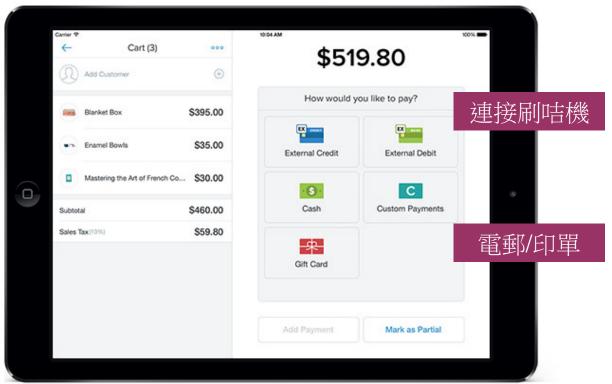
SHOPIFY - 付款(店鋪銷售)





SHOPIFY - 付款方法 (店鋪銷售)





Accept cash, credit, gift cards, and more

Use your own card terminal

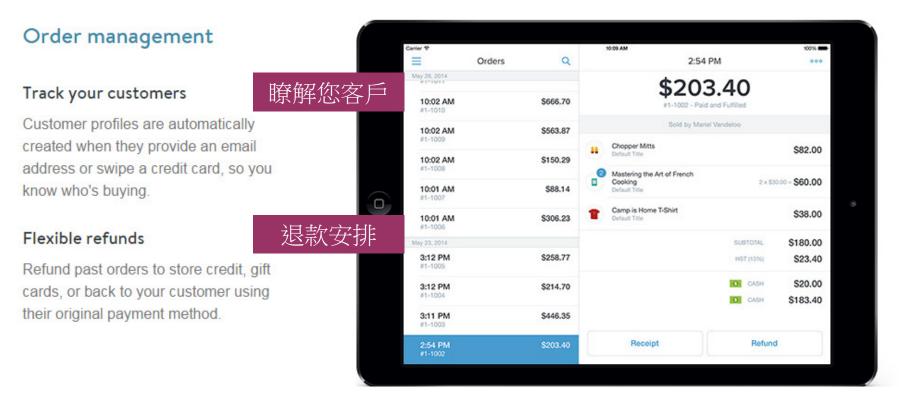
Easily record payments from cash, external credit card terminals, store credit, or custom payment methods.

Email or print receipts

Customize your email and printed receipts with your store hours, promotions, or store policies.

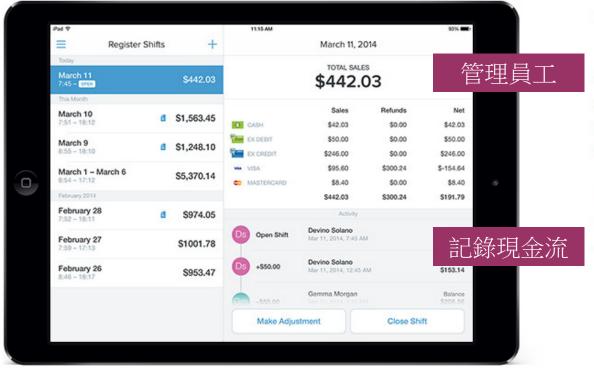
SHOPIFY - 客戶銷售記錄 (店鋪銷售)





SHOPIFY - 管理員工帳戶 (店鋪銷售)





Store management

Manage staff accounts

Set up PIN codes for your staff members, so all orders and register activity can be tracked by staff account.

Keep track of your daily cash flow

Monitor all cash register adjustments and staff changes throughout the day.

SHOPIFY - 店鋪使用的配置



IPAD STAND



CASH DRAWER



RECEIPT PRINTER

SHOPIFY - 管理實體/電子/手機店鋪



SHOPIFY - 費用參考 (1)



MOST POPULAR BASIC PROFESSIONAL UNLIMITED \$29_{/month} \$179_{/month} FEATURES FEATURES FEATURES 1 GB file storage 5 GB file storage Unlimited file storage Unlimited products Unlimited products Unlimited products 24/7 Support 24/7 Support 24/7 Support Discount code engine Discount code engine Discount code engine 2.0% Transaction fee 1.0% Transaction fee 0.5% Transaction fee Fraud analysis tools Fraud analysis tools Fraud analysis tools Gift cards Gift cards Gift cards

Professional reports

Abandoned cart recovery

Advanced report builder

Real time carrier shipping

Professional reports

Abandoned cart recovery

Advanced report builder

Real-time carrier shipping

Looking for something simple to get started?

Starter plan

Shopify plus

Enterprise needs or high volume sales?

Learn more about Shopify Plus

\$14_{/month}

Professional reports

Abandoned cart recovery

Advanced report builder

Real time carrier shipping

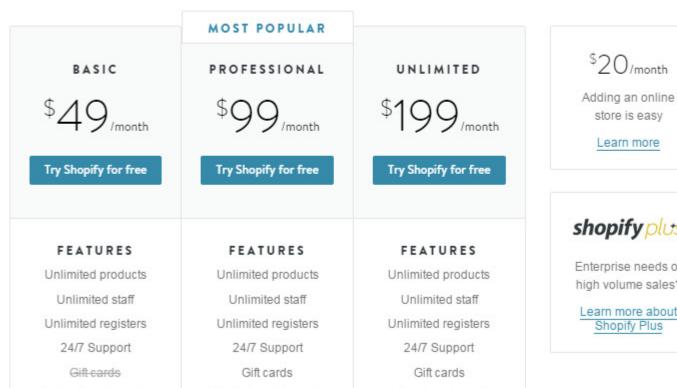
SHOPIFY - 費用參考 (2)



MOST POPULAR BASIC PROFESSIONAL UNLIMITED \$219_{/month} Try Shopify for free Try Shopify for free Try Shopify for free FEATURES FEATURES FEATURES Unlimited products Unlimited products Unlimited products 24/7 Support 24/7 Support 24/7 Support Gift cards Gift cards Gift cards Professional reports Professional reports Professional reports Advanced report builder Advanced report builder Advanced report builder ONLINE FEATURES ONLINE FEATURES ONLINE FEATURES 1 GB file storage 5 GB file storage Unlimited file storage Discount code engine Discount code engine Discount code engine 2.0% Transaction fee 1.0% Transaction fee 0.5% Transaction fee Abandoned cart recovery Abandoned cart recovery Abandoned cart recovery Real time carrier shipping Real-time carrier shipping

SHOPIFY - 費用參考 (3)





Professional reports

Advanced report builder

Professional reports

Advanced report builder

Professional reports

Advanced report builder

零售業的特質及對雲端服務的需要

- 對零售業的3大業務必要性
- 雲端應用發揮商業價值
- 雲端應用: SHOPIFY
- 雲端應用: BINDO

BINDO POS

bindo POS

OVERVIEW

FEATURES

HARDWARE

PRICING

BLOG

The iPad POS for Every Retail Store

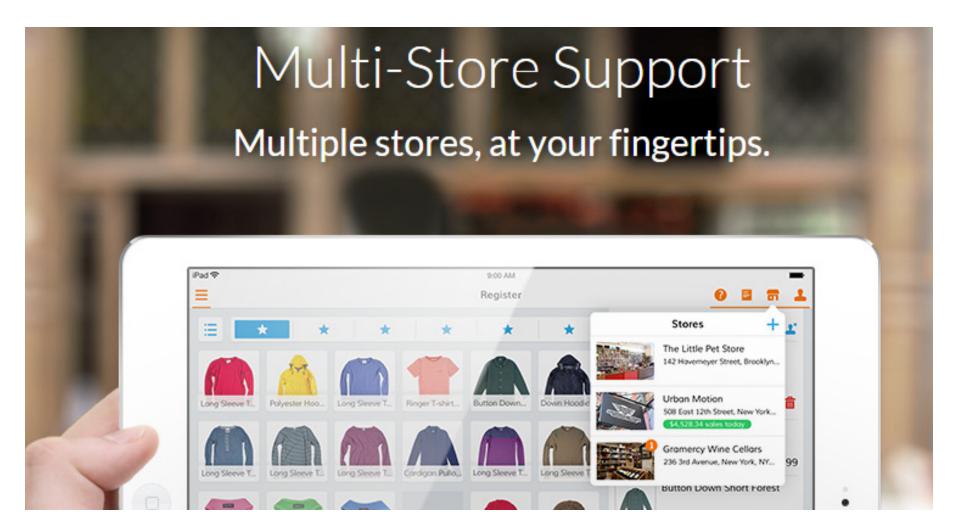
We help local businesses grow by bringing brick and mortar sales, e-commerce, and mobile commerce to the Point of Sale.

Start My Free Trial

← Hotline: 1-800-My-Bindo



BINDO POS - 多店管理

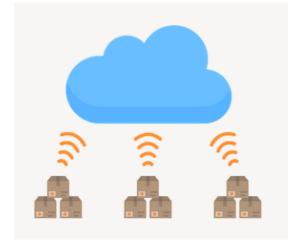


BINDO POS – 多店管理

Multiple-Store Management

Keep tabs on all your stores, anywhere you go. Switch between stores with ease and speed.





Single Catalog Management

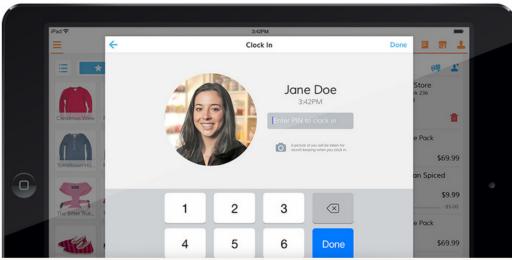
Synchronize your inventory across all your stores. Know where any product is at any given time.

BINDO POS - 多用戶(員工)管理



Multi-User Management

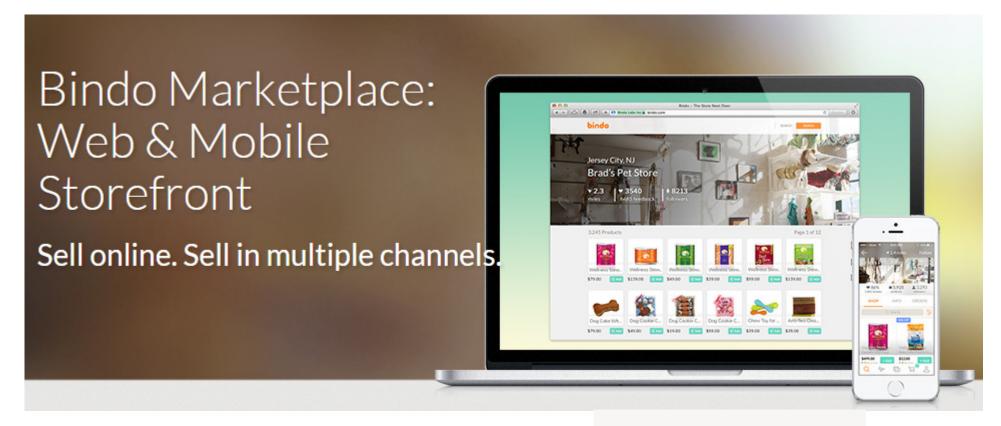
Bindo scales with your business. Grow from one location to hundreds, or a single employee to thousands. Receive easy access to employee sales data and time management for your entire workforce.



BINDO POS - 多用戶(員工)管理

Name	This Week (May 23 - May 29) ▼	This Month (May 2014)
Michael Seiler	42.1 hrs	156.8 hrs
David Bozin	39.7 hrs	149.0 hrs
Jane Doe	36.5 hrs	152.7 hrs
Gerard McGeary	32.8 hrs	128.5 hrs

BINDO MARKETPLACE





BINDO MARKETPLACE



Add your products

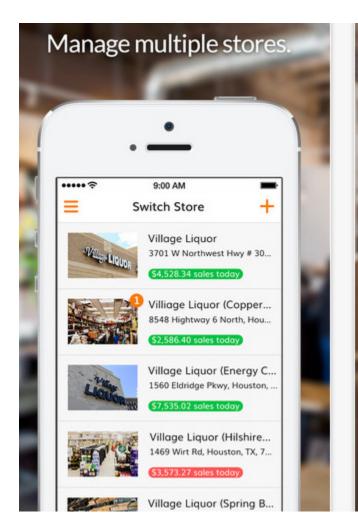
Index your products on a single, unified inventory

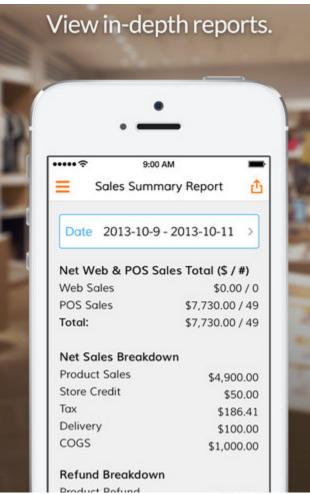
Sell in-store and online

Intelligent inventory synchronization between online and in-store sales Pick-up or delivery

Convenience for the customer

BINDO - 多渠道綜合報表





BINDO - 費用參考

Lite

Free

forever

No strings attached

Up to 50 customers

Up to 2 employees

Up to 15 products

Up to 1 register

\$49/mo per extra register

Email support

8AM - 8PM support hours

Basic

\$79_{/mo}

or \$89/mo, billed monthly

billed annually

Unlimited customers

Unlimited employees

Up to 1,000 products

Up to 2 registers

\$49/mo per extra register

Email support

8AM - 8PM support hours

Pro

\$149,

billed annually

or \$159/mo, billed monthly

Unlimited customers

Unlimited employees

10,000 products

Up to 5 registers

\$49/mo per extra register

Email & phone support

24/7 support hours

Multi-store

Call

1-800-My-Bindo

Call us to request a quote

Unlimited customers

Unlimited employees

Unlimited products

Unlimited registers

\$49/mo per extra register

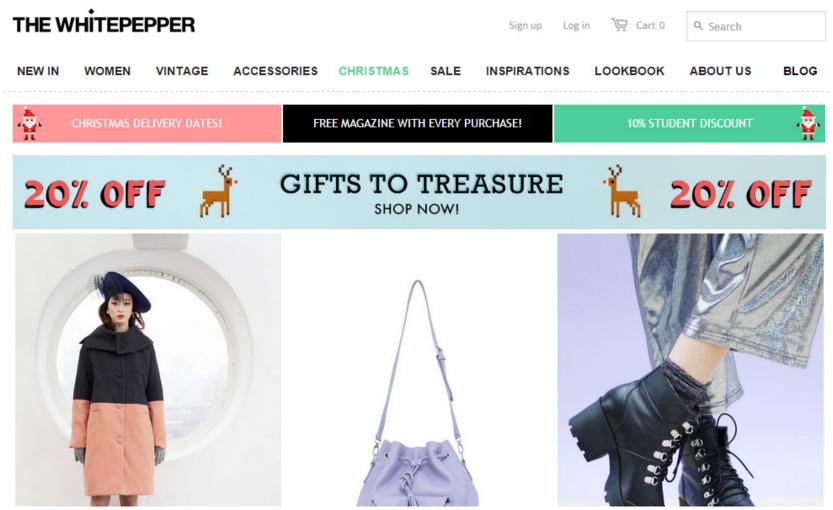
Email & phone support

24/7 support hours

第4節: 案例參考



SHOPIFY - 應用案例



http://www.thewhitepepper.com/

SHOPIFY - 應用案例



One-off Chunky Knit Pom Pom Beanie in Pastel Green £20.00

ឋឋឋឋឋ No reviews



Vintage Pom Pom Detail Cardigan Pink £50.00 Sold Out ឋឋឋឋឋឋ No reviews



One-off Ivory Pom Pom Beanie in Pastel knit ឋឋឋឋឋ No reviews

123 ... 5 Next »

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Men

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http://www.thewhitepepper.com/

SHOPIFY - 應用案例

THE WHITEPEPPER

Sign up

Log in

Cart: 0

Q Search

NEW IN

WOMEN

VINTAGE ACCESSORIES

CHRISTMAS

SALE

INSPIRATIONS

LOOKBOOK

ABOUT US

BLOG



CHRISTMAS DELIVERY DATES!

FREE MAGAZINE WITH EVERY PURCHASE!

10% STUDENT DISCOUNT



Photo Story: Alissa Kim, Girl about Town in NYC!

December 05 2014



Categories

ALL

TWP WEEKEND

TWP LOVES

TWP COLLECTIONS

WHITEPEPPER GIRLS

New Arrivals



謝謝參加! 期望在不久將來與各位再見!

我們還有講座(2)及(3),深入講解零售業的其他雲 端使用

講座(2): 營銷管理

講座(3): 供應鏈管理