



Web Services in Industry

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Agenda

- Hotel Online Reservation
- Payment Gateway
- Global SMS
- Cloud Storage
- Summary



Using Web Services in Hotel Reservation

□ Advantages

- Non shipping
- One stop hotel booking around the world
- Distributed hotel allotment (Supplier)

□ Disadvantages

- A lot of competitors
- Cancellation problem



Web Services Processes in Hotel Reservation

- Verify a user
- Search hotel and check room availability
- Hotel information
- Confirm/cancel booking
- Payment



Web Services in Hotel Reservation

□ B2B (Web Services Provider)

- www.a2zprotravel.com : Thailand
- www.touricoholidays.com : Worldwide
- www.octopus.com : Worldwide
- www.hotelbeds.com : Worldwide

□ B2C (One stop hotel booking : Client)

- www.morecityhotels.com : Worldwide
- www.sunhotels.net : Worldwide
- www.octopus.com : Worldwide
- www.morethailand.com : Thailand



TouricoHolidays.com

TouricoHolidays x +


← → ↻ ☆ http://www.touricoholidays.com/en/tech.html ▶ 📄 🔧

Integrated Technology Solutions

Host-to-Host Connection

Your Site, Our Inventory


Using your existing booking engine, Tourico Holidays offers Host-to-Host connection. Using XML, our professional service engineers support and guide you through the vast inventory of more than 10,000 hotels with same-day availability.



Benefits of a Host-to-Host Connection Include:

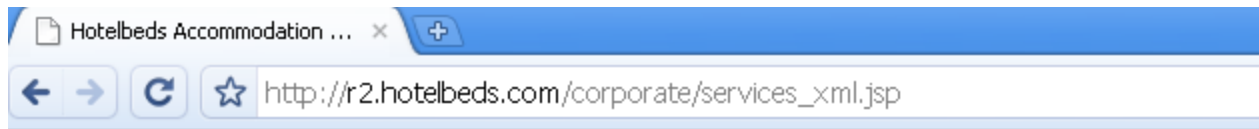
- > 100% Platform Independent
- > Microsoft.net Web Services
- > Clear & Accurate Documentation
- > 100% Free Tech Support

A Dynamic Web Platform



Travel Global Systems (TGS) is Tourico Holidays' sister company providing an exclusive front and back-office system. TGS technology is recognized today as the fastest and most unique travel distribution technology available worldwide. This proprietary technology and state-of-the-art booking engine distinguishes itself from any other in the market with thousands of details such as:

- ♦ **Fastest Travel Engine in the World:** With the most streamlined and efficient website in the market, you get the fastest search results and availability.



NexGen XML interface



Featuring:

- All the **functionality** of hotelbeds.com integrated into your own branded website.
- **Modular implementation** – choose the product mix that's right for your clients.
- Up-sell and **earn more** per reservation!
- **Free technical support** pre, during and post integration.
- Your own personal XML Support Manager with **guaranteed 24hr response**.
- Designed to meet **industry standards** e.g. WSDL and HTTP to provide easier connectivity.
- Formal **verification and certification processes** – our technicians are with you at every step.

The supply chain



```
01101011
11011010
01010110
```

XML



**YOUR
SYSTEM**



**YOUR
CLIENTS**

hotelbeds.com – online booking engine

hotelbeds.com



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Using Web Services in Payment Gateway

□ Advantages

- Digital capital holder
- Serve a lot of e-commerce web sites

□ Disadvantages

- Currency conversion

The screenshot shows the Google Checkout website interface. At the top, there is a navigation bar with the Google Checkout logo and a language selector set to English. Below the logo, the main heading reads "Find it with Google. Buy it with Google Checkout." followed by a promotional message: "Want a faster, safer and more convenient way to shop online? You got it. Read about our [buyers' experiences](#) with Google Checkout." The page is divided into three main sections, each with a shopping cart icon and a heading:

- Stop creating multiple accounts and passwords.** With Google Checkout™ you can quickly and easily buy from stores across the web and track all your orders and shipping in one place.
- Shop with confidence.** Our fraud protection policy covers you against unauthorized purchases made through Google Checkout, and we don't share your purchase history or full credit card number with sellers.
- Control commercial spam.** You can keep your email address confidential, and easily turn off unwanted emails from stores where you use Google Checkout.

On the right side of the page, there is a sign-in section titled "Sign in to Google Checkout with your Google Account". It includes input fields for "Email:" and "Password:", a checkbox for "Stay signed in", and a "Sign in" button. Below this is a link for "[Can't access your account?](#)". At the bottom of the sign-in section is a large blue button that says "Sign up now »". Below the sign-up button is a link for "[Information for sellers](#)".

At the bottom of the page, there is a search section titled "Search Google Checkout stores." with a search input field and a "Search" button. Below the search field is a link for "[Browse stores »](#)".



Web Services Processes in Payment Gateway

- Verify an account/balance
- Pay
- Confirm/holding

The screenshot shows the PayPal Thai website interface. At the top, there are navigation links for 'ลงทะเบียน' (Sign Up), 'เข้าสู่ระบบ' (Log In), 'ความช่วยเหลือ' (Help), and 'ศูนย์รักษาความปลอดภัย' (Security Center). The main header features the PayPal logo and a language selector for 'ประเทศไทย (ภาษาไทย (Thai))'. Below the header, there are tabs for 'หน้าหลัก' (Home), 'ส่วนบุคคล' (Personal), 'ธุรกิจ' (Business), and 'ผลิตภัณฑ์' (Products). A navigation bar includes 'เริ่มต้น' (Get Started), 'ส่งเงิน' (Send Money), 'ขอเรียกเก็บเงิน' (Request Payment), 'ขายสินค้าบน eBay' (Sell on eBay), and 'ตีเวลอปเปอร์' (Developer). The main content area is divided into two sections. On the left, there is a 'เข้าสู่ระบบบัญชี' (Log In) section with fields for 'อีเมลแอดเดรส' (Email Address) and 'รหัสผ่านใน Paypal' (Password), a dropdown for 'ไปที่หน้า' (Go to page) set to 'บัญชีของฉัน' (My Account), and a 'เข้าสู่ระบบ' (Log In) button. Below this, there is a link for 'ลืมอีเมลแอดเดรสหรือรหัสผ่านของคุณหรือไม่?' (Forgot your email address or password?) and a note: 'คุณยังไม่เคยใช้ PayPal ใช่มั้ย? ลองลงทะเบียน' (You've never used PayPal? Try signing up). On the right, there is a promotional banner for 'วิธีการชำระเงินที่ง่ายและปลอดภัย' (Easy and secure payment methods) with the text 'ยิ่งขึ้น โดยไม่ต้องเปิดเผยหมายเลขบัตรเครดิตหรือเลขที่บัญชีธนาคารของคุณ' (Even better, without revealing your credit card number or bank account number). The banner includes a 'PayPal คืออะไร?' (What is PayPal?) section with the text 'เราคุ้มครองความปลอดภัยของคุณได้อย่างไร' (How do we protect your security?) and 'วิธีที่ช่วยให้คุณตรวจสอบในสิ่งซื้อได้เร็วยิ่งขึ้น' (The way that helps you check your purchases faster). At the bottom of the banner, it says 'ชำระเงินด้วย: MasterCard VISA American Express'. Below the banner, there are two columns of text: 'ส่งเงินและซื้อสินค้าแบบออนไลน์' (Send money and buy goods online) and 'ขายสินค้าออนไลน์' (Sell goods online). The bottom section contains two bullet points: 'ซื้อสินค้าอย่างปลอดภัยโดยไม่เปิดเผย ข้อมูลบัตรเครดิตหรือข้อมูลบัญชีธนาคารของคุณ' (Buy goods safely without revealing credit card or bank account information) and 'ยอมรับบัตรเครดิตและการโอนเงินผ่านธนาคารอย่างรวดเร็วและง่ายดาย' (Accept credit cards and transfer money quickly and easily).



Web Services in Payment Gateway

□ B2B (Web Service Provider)

- checkout.google.com: Google Checkout
- www.paypal.com: Paypal
- www.trialpay.com: TrialPay
- aws.amazon.com/fps/: Amazon Flexible Payments Service

□ B2C (E-Commerce - Client)

- www.morecityhotels.com : AMEX
- E-Commerce Web Sites



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Using Web Services in Global SMS

□ Advantages

- Support all mobile devices
- Sending SMS as one stop services
- Cheap per unit

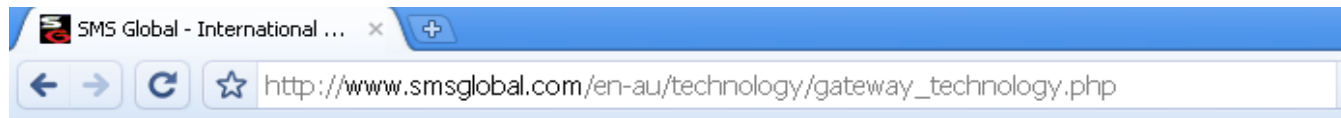
□ Disadvantages

- Text-based
- Short message



Web Services Processes in Global SMS

- Verify a user
- Send a message
- Sending a status

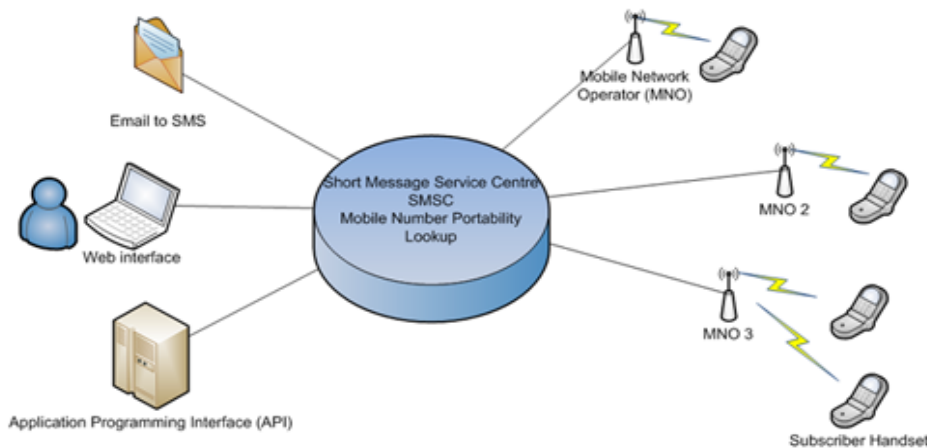


Gateway Technology

SMSGlobal provides our customers with sophisticated messaging systems designed to provide maximum uptime and importantly maximum message delivery.

We have spent countless man hours designing, developing, testing and enhancing every element of our technology offering over the past 6 years of operations.

SMSGlobal Network Overview





Web Services in Global SMS

□ B2B (Web Service Provider)

- <http://www.smsglobal.com.au/> : Global
- <http://www.hs1sms.com/sendsms-1.html> : Strict
- <http://www.strikeiron.com/ProductDetail.aspx?p=190> : Global

□ B2C (Client)

- <http://www.twitter.com> : Twitter
- <http://calendar.google.com> : Google Calendar



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Using Web Services in Cloud Storage

□ Advantages

- Simple
- Inexpensive
- Reliable/stable
- Scalable/flexible

□ Disadvantages

- Read/write speed depend on network traffic



Web Services Processes in Cloud Storage

- Verify a user
- Read/write/edit/delete data

Transferring Large Amounts of Data

[AWS Import/Export](#) accelerates moving large amounts of data into and out of AWS using portable storage devices for transport. AWS transfers your data directly onto and off of storage devices using Amazon's high-speed internal network and bypassing the Internet. For significant data sets, AWS Import/Export is often faster than Internet transfer and more cost effective than upgrading your connectivity. You can use AWS Import/Export for migrating data into the cloud, sending backups to AWS, exchanging data with others, and disaster recovery.

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Web Services in Cloud Storage

□ B2B (Web Service Provider)

- <http://aws.amazon.com/s3/>: Amazon Simple Storage Service
- <http://www.nirvanix.com/>: Nirvanix Storage Delivery Network

□ B2C (Client)

- <http://www.jungledisk.com> : Jungle Disk
- <http://www.elegantdrive.com>: Elegant Drive



Summary



Storage



Hotels



Payment



SMS

SOAP/REST/HTTP(S)



HOTELS SEARCH WIZARD

Thailand Destination

Bangkok Chiang Mai Hua Hin - Cha Am
 Koh Chang Koh Samui, Koh Pangan, Koh tao Krabi , Koh Lanta, Koh Phi Phi
 Pattaya Phuket Other

Check In :

Check Out :

Online Hotel Booking Web Site