

20 FORT DIGITAL SECURITY MEASURES



Fort Digital sets itself apart in the field of security, consistently staying ahead of the competition:

1. Location

Fort Digital Pte Ltd is a wholly 100% Singaporean Company with 100% of its Data and Directors based in Singapore. It uses a private cloud server instead of shared web hosting. Fort Digital employs AWS Private Cloud Server, the highest level of private cloud server available. For more information, visit <https://bit.ly/3jcEaXR>.

2. Two-Factor Authentication (2FA)

Fort Digital is the first Singaporean SMS company to integrate 2FA (Two-Factor Authentication) Login into its web portal using the Google Authenticator App.

3. GeBIZ and Government Supplier

Fort Digital is a GeBIZ Supplier and Government Supplier Expenditure and Policies Procurement Unit (EPPU) No: EPU/CMP/10, EPU/CNE/10 at Financial Grade S7.

4. Server Separation

To minimize risk, Fort Digital separates its services across different servers with separate databases. This approach reduces the risk in the event of a security breach. Their servers and domains include: FortDigital.com.sg (Corporate Portal), MX.FortDigital.net (SMS & WhatsApp), SingaporeQ.com (QMS System), SingaporeRSVP.com (EMS System), SingaporeGuest.com (VMS System).

5. Email Server Separation

Understanding that email is a significant source of malware, spyware, and ransomware, Fort Digital uses a dedicated server for email, hosted by AXAC Pte Ltd.

6. CISCO DUO for Local PC

All local PC, Laptop and Server Login are secured with CISCO DUO and SMS OTP, requiring 2FA for access.

7. OWASP

Fort Digital uses the OWASP ModSecurity Core Rule Set (CRS) as its primary defense against web application attacks, effectively protecting against SQL Injection, Cross-Site Scripting, Local File Inclusion, and more.



8. DDoS Protection

Fort Digital employs Mod Evasive measures to counteract HTTP DoS or DDoS attacks and brute force attacks.

9. IP Whitelisting

The IP Whitelisting feature allows access only from designated IPs, with an Auto Suspend IP function that bans IPs attempting incorrect logins multiple times at the root level.

10. Country Code Whitelisting

This feature allows users to set certain country codes, blocking unauthorized SMS attempts from draining account credits.

11. Set Quota

The Set Quota feature lets users set a daily quota, preventing hackers from exhausting account credits.

12. Disable API

Users can disable API access to ensure security, allowing login only via the Web Portal with Google Authenticator 2FA.

13. Data Retention

Fort Digital does not retain data over 90 days old on live servers, archiving such logs to an offline server to limit the potential for significant data breaches.

14. ZOHO Monitoring

ZOHO monitors the website 24/7, ensuring rapid response to any issues. Live uptime status can be viewed at <https://bit.ly/2WslfPa>, with uptime consistently at 100%.

15. SSL Protection

All websites are protected with Secure SSL Certificates.

16. Penetration Testing

Regular penetration tests are conducted using various tools, including OWASP ZAP (Zed Attack Proxy).

17. cPHulk Protection

Servers are protected by cPHulk Brute Force Protection, which defends against brute force attacks on various services such as cPanel, WHM, mail services, FTP, and SSH.



18. ImunifyAV

ImunifyAV regularly scans for malware, notifying users of any detections and providing an additional layer of security.



19. IM8 Standard Compliance

Fort Digital strives to comply with stringent Singapore Government IM8 Security requirements and has successfully passed audits by Deloitte.

20. Restricted Staff Access

Access to internal systems and databases is limited to only two core team members.

VAPT and Penetration Test Audited by :

Certified By:

Credentials



Intruder is a member of CREST



Intruder is a CREST accredited Vulnerability Assessment service



Monitored by Drata for SOC 2 compliance



Intruder is a member of the Cyber-security Information Sharing Partnership



Intruder is Cyber Essentials certified.





Cyber Accelerator Alumni


Compliance

Our reports are ISO 27001 and SOC 2 compliance ready.

Contact


contact@intruder.io


www.intruder.io

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linkedin.com/company/intruder

Cyber Hygiene Score as per 20th January 2022 (Request latest from Fort Digital): **A+**





LOW
Threat Level

You have a minimal risk profile, but fixing your low issues may protect against undiscovered weaknesses, or highly sophisticated attacks.

Issues **3**



Critical -	High -
Medium -	Low 3

Information Leakage Caused By Call To Debug Function (phpinfo)
Strict Transport Security HTTP Header Not Set
Weak TLS Protocol Version Supported

Cyber Hygiene Score **A+**
Excellent

No issues are older than their remediation target

Average Time to Fix Issues **No data**

Within goal  Overdue 

Checks Run **10,976**

Passed 10,931	Failed 4	Noise 41
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Time to fix issues by severity

Average **No data**

Aim to fix critical issues within 7 days

Days: 0, 5, 10, 15, 20

Goal line at 7 days

Legend: Critical (red), High (orange), Medium (teal), Low (blue)


Exposure over Time

Days: 3, 4

Legend: Critical (red), High (orange), Medium (teal), Low (blue)

Threat Level as per 20th January 2022 (Request latest from Fort Digital): **LOW**

Scan Summary: Fort Digital
Target: mx.fortdigital.net
20 January 2022



LOW
Threat Level

Low severity issues can not directly be exploited by an attacker, but may increase the ease of exploiting more severe issues in future. Fixing these issues may help protect against weaknesses that are not publicly known, or be used as one component in a highly targeted attack by the most sophisticated and well resourced attackers.

0	0	0	3
Critical issues	High issues	Medium issues	Low issues

Penetration Test Items: **10,976** 20th January 2022 (Request latest from Fort Digital):
Please request from Fort Digital for Complete List



A SBO Licensed SMS Telecommunication Company

- GeBIZ Supplier and Government Supplier Expenditure and Policies Procurement Unit (EPPU) No : EPU/CMP/10,EPU/CNE/10 @ Financial Grade S7
- SBO License from IMDA (Infocomm Media Development Authority)
- PDPC/PDPA Compliance
- DigiCert® SSL2 EV3 Certified Company
- The Straits Times 2019 Fastest Growing Company 2019
- Established Since 2007

Legal Name of Company: Fort Digital Pte. Ltd.
 Company Registration: 200718585C
 GST Registration: 200718585C
 Email Address: sales@fortdigital.com.sg - support@fortdigital.com.sg
 Enquiry Hotline: +65 6484 3863
 Fax: +65 6722 8371
 WhatsApp Support: +65 8151 5000 (WhatsApp Only)
 Place Of Registration: SINGAPORE
 Address: Da Jin Factory Building #03-04 , 362 Upper Paya Lebar Rd, Singapore 534963
 Operating Hours: 09:00am to 6:00pm (Mon-Fri) , Lunch Time : 01:00pm to 2:00pm

SINGAPORE'S FASTEST-GROWING COMPANIES 2019
 Publication Date 27th February 2019

THE STRAITS TIMES

statista



A SBO Licensed SMS Telecommunication Company

Formed in 2002 as a system integrator for projects mainly in Singapore, Fort Digital has since worked and expanded into other IT-related products and services, mostly in the corporate sector during the rise of the e-commerce boom. Today, it is a leading provider of SMS services in Singapore.

SMS was once a very costly system to be implemented in small and medium size companies, and were mostly enjoyed by larger businesses or the government sector only. But Fort Digital introduced affordable SMS products and services across a wide range of industry sectors.

These include Reminder and Notification SMS, Marketing SMS, Emergency SMS, Event Registration and Management System and One-time-password SMS, creating a wide range of communication among companies and their customers across multiple sectors.

By 2008, Fort Digital was connected to almost every single Telecommunication company in South East Asia, leveraging Singtel's System 7 and Short Message Peer-to-Peer connectivity to deliver high speed and SMS. By 2010, the company was one of the main players in Singapore.

To date, Fort Digital has received numerous accolades and awards, and has been featured in several publications for its involvement in projects and participation in high profile events such as the National Day Parade.

Fort Digital currently enjoys one of the highest levels of SMS throughput in Singapore, broadcasting close to half a million SMS per hour. Via 3G fibre technology, the company's dedicated server distributes workloads and balancing to all banks, making its incredible sending speed possible.

Queue Management System (Zero Wiring QMS with SMS)
 Fort Digital has spent over five years and effort to develop its own products and services, including the Queue Management System (QMS) that involves no wiring, low costs and is deployable anywhere in the world without any need for heavy infrastructure. This is a breakthrough product that can reduce deployment costs by 50 per cent as compared with other conventional queue systems.

Power Failure & Smoke Detector Call and SMS Alert System
 Fort Digital has also developed a reliable power failure detector and smoke detector that instantly alert home, office, warehouse, or data centre owners via a call and SMS. A fully independent system that does not require an internet connection or an app, it is powered by an internal battery to support operations should there be a power failure or power outage. It is currently patent pending in Singapore.

Fort Digital would like to thank our partners and clients for all their support and trust over the years. We hope to give further and innovate new products and technologies for the advancement of Singapore.

All SMS Solutions (OTP, Emergency, Marketing, etc)
 Queue Management System (Zero Wiring QMS)
 Event Registration and Check-In System
 Power Failure & Smoke Detector SMS System

www.FortDigital.com.sg
 www.Emergency.sg



Mr Jandiono Teddy
 Founder & Director

The Straits Times 2019 Fastest Growing Company 2019, 27th February 2019

21 THE STRAITS TIMES, WEDNESDAY, FEBRUARY 25, 2009

Geek alert

In the first of a series on how small players use technology to cut cost, IRENE THAM checks out SMS alert promotions at cybercafe Geek Terminal

RECESSARY times call for creative measures - or technologies.

A new messaging tool has been key to catering Geek Terminal's marketing campaign since last month.

And the cybercafe-cum-deli did it without the sting of exorbitant software and service charges.

"Every cost saved goes a long way," said Christopher Lee, co-founder and chief executive officer of the two-year-old joint in the financial district at Market Street.

This is Fort Digital, a short message service (SMS) broadcast and customer relationship management (CRM) tool that has been in the market for the past year.

Geek Terminal's most recent promotion was for Valentine's Day, which ran for a week leading up to Feb 14. To alert customers to its \$99 dinner special for couples - comprising a three-course meal, two glasses of wine and a heart-shaped Swarovski Crystal pendant - it sent out text messages to over 1,000 individuals in its customer database.

Recipients were asked to reply to the text message to indicate their interest, after which a Geek Terminal staff would follow up with a phone call to confirm the reservation.

"We called and asked which day they would be coming, so we could prepare the roses," said Christopher.

Should a customer's preferred dates be unavailable, the Geek Terminal staff would then

The whole campaign cost him only \$14, going by a charge of 1.4 cents per SMS alert. That excludes the one-time investment in the Fort Digital solution, which retails for \$699.

The alternative would have been to buy an ad-hoc package from an SMS broadcast service provider like Pacific Synergy.

But the company charges about 7 cents per SMS, which means Geek Terminal's Valentine's Day campaign would have cost \$70.

"Since we're going to run promotions throughout the year, it makes sense to invest in an SMS broadcast software. The savings from text messaging fees can add up over time," said Christopher.

He anticipates savings of \$500 to \$1,000 monthly when he sends messages to the 6,000 customers in the company's database, built from hosting over 360 events last year.

There is also no need to pay hefty licence fees for a CRM software, which may have advanced functions that are unnecessary at this point. The Fort Digital solution allows SMS responses from customers to be exported to an Excel spreadsheet for simple sorting and action planning.

For instance, in Excel, a staff can sort data by the

The solution comprises a computer software and a universal serial bus (USB) modem which has a SIM card reader. Users have to redeem their prepaid SIM cards from Starfish or SingTel. Each SIM card comes with 2,000 free SMS, the value of which has already been billed into the \$899 package price.

Geek Terminal, which opened for business in May 2007, is a popular destination for business meetings and corporate functions because the cafe has power plugs as well as printing, faxing and wireless broadband services.

Its customers get to surf wirelessly for free and its wireless broadband infrastructure supports up to 100 simultaneous connections.

The cybercafe has as its founders Christopher, his long-time buddy and certified barista Danny Pang and another friend. The trio could pool only \$300,000 in start-up capital. They were \$700,000 short.

However, the shortfall was offset by vendors ranging from Canon to Cisco Systems, which sponsored 80 per cent of the infrastructure costs at the surf-cum-work centre for road warriors.

In return, Geek Terminal acts as a mini-showroom for some of the coolest office technologies available.

Geek Terminal's chief executive officer Christopher Lee (left), with Fort Digital's director Teddy Jay (right) estimates that he will save \$500 to \$1,000 a month using the SMS broadcast service developed by local firm Fort Digital.

(PHOTO: JEREMY LAY FOR THE STRAITS TIMES)

Pioneer Company Developed SMS Technology : The Straits Times 25th February 2009