

# THE STRAITS TIMES

## Changi Airport T2 reopens fully with 4-storey waterfall display, new garden



Visiting Dreamscape is like stepping into a realm where the boundaries between reality and fantasy blur. ST PHOTO: KUA CHEE SIONG

**Esther Loi**

UPDATED NOV 3, 2023, 2:53 PM SGT ▾

SINGAPORE – Travellers can immerse themselves in a towering multimedia digital waterfall display that is four storeys high and a landscaped garden at the upgraded Changi Airport Terminal 2 (T2), which fully reopened on Wednesday ahead of schedule.

The centrepiece of the departure hall – digital waterfall display The Wonderfall – stands at 14m high and 17m wide, airport operator Changi Airport Group (CAG) said on Wednesday.

Nestled in a vertical garden, the large multimedia wall features a “waterfall” cascading over large boulders.

Every half-hour, a four-minute musical show will be screened across its 892-tile screen, with original music composed by Canadian pianist Jean-Michel Blais, CAG said.

In the departure transit area after immigration sits Dreamscape, a new garden that combines digital content, plants and fish.

Set against the backdrop of a digital “sky” ceiling emulating real-time weather conditions outside the terminal, Dreamscape features more than 20,000 plants from 100 species, some of which are not commonly found in Singapore, noted CAG.



Like a skylight, the digital sky emulates daylight and meteorological conditions in real time through integration with the airport weather system. ST PHOTO: KUA CHEE SIONG

The garden also has a fish pond that passengers can stride across on a transparent platform, amid audio recordings of more than 100 calls of birds, insects and other creatures.

With T2’s reopening after its expansion, which was originally set for completion in 2024, the terminal’s handling capacity has climbed from 23 million to 28 million passengers a year. This takes Changi Airport’s overall yearly capacity to 90 million passengers.



Fishes in a new pond located at the Gourmet Garden. ST PHOTO: KUA CHEE SIONG

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In terms of handling capacity, T2 is now the largest of the airport's four terminals after undergoing 3½ years of engineering and expansion works. This has added more than 21,000 sq m – the size of about three football fields – to T2.

CAG said some areas of the departure hall were expanded to provide more seating and walking space. Spaces within the transit area were also enlarged to provide more room for retail offerings.

Shut for upgrading in May 2020 during the Covid-19 pandemic, T2 reopened in phases from 2022.

Key touch points, such as arrival immigration and baggage claim belts in the terminal's southern wing, reopened in May 2022. Operations resumed at the departure hall in October that same year, to serve more passengers after international border controls eased as the pandemic receded.



The larger-than-life green structures display a wide array of plant life, featuring more than 20,000 plants from some 100 species from ferns to shrubs. ST PHOTO: KUA CHEE SIONG

The terminal's northern wing started serving passengers on Sept 28 ahead of its full reopening on Wednesday.

The revamped terminal serves 16 airlines that connect travellers to 40 cities. The carriers operating there include Singapore Airlines and German flag carrier Lufthansa.

There are new retail options at the upgraded T2, including the first South-east Asia pop-up of collectible merchandise store Funko, said CAG.

Also new is Lotte Duty-Free Wines and Spirits – equipped with a robot bartender and a liquor-tasting lounge – in the transit area. In the departure hall, Australian artisanal cafe Jones The Grocer has a deli-style food counter on its ground level, with a bar and restaurant slated to open later in 2023 on its second level.



Be dazzled by the dizzying array of liquor at Lotte Duty-Free's double-storey store. ST PHOTO: KUA CHEE SIONG

Speaking at the official opening ceremony at T2 on Wednesday, Senior Minister and Coordinating Minister for National Security Teo Chee Hean noted CAG's efforts in pushing ahead with the terminal's expansion despite the uncertainties of the pandemic.

Looking ahead, he spoke about the importance of capturing the region's growth in air travel, citing the resumption of work on Terminal 5, which will add 50 million passengers to Changi Airport's yearly capacity by the mid-2030s.



Standing in front of the departure hall's centrepiece, The Wonderfall, Senior Minister Teo Chee Hean (centre) graced the opening ceremony of Changi Airport's T2 on Oct 31. ST PHOTO: SHINTARO TAY

Innovation is integral, said Mr Teo, and the airport is rolling out new digital solutions, such as T2's baggage-handling system that can track individual bags in real time and minimise mishandling. He also pointed to the need to decarbonise Singapore's aviation industry.

“Changi will always be an integral part of the Singapore story, not only because of its economic importance, but also for the spirit of daring and drive that it represents,” said Mr Teo.

T2 now houses 100 automated check-in kiosks and bag-drop machines – nearly double the number before the expansion – as well as a new automated early luggage storage system. This system can stow up to 2,400 bags that are checked in early before they are loaded onto departing aircraft, said CAG.



T2 is the first terminal in Changi to have automated special assistance lanes for persons with disabilities and young children at both arrival and departure immigration. ST PHOTO: KUA CHEE SIONG

The terminal is also the first at the airport to have automated special assistance lanes for people with disabilities and families with young children at both its arrival and departure immigration halls.

CAG declined to reveal the cost of the terminal's expansion, citing commercial sensitivities.

Visitors who spoke to The Straits Times welcomed the new features.

Dr Dragana Palacek, a researcher from Serbia, said she appreciated the blend of nature and technology at Dreamscape.

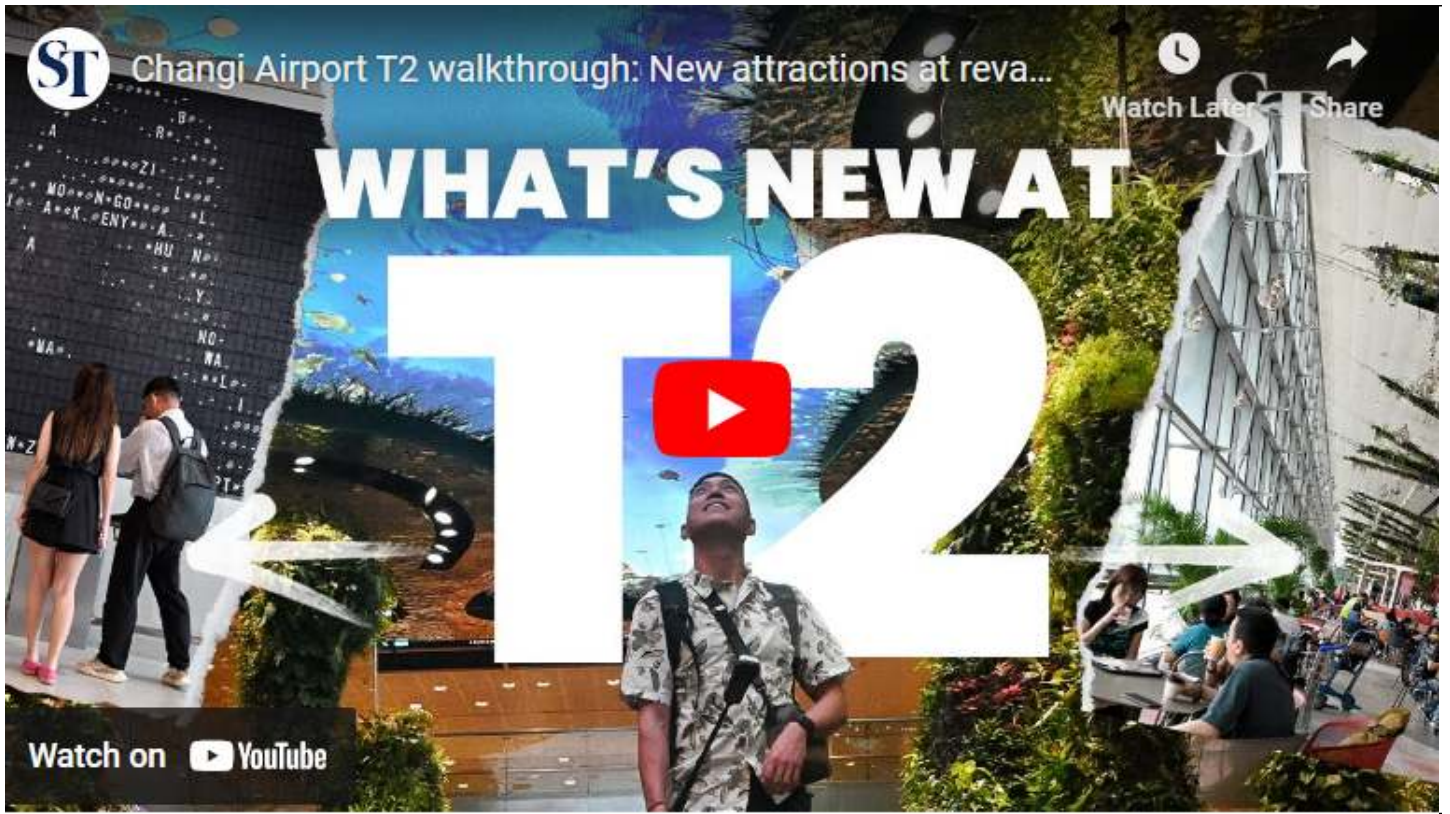
As a first-time visitor to Singapore, the 28-year-old found the garden "mesmerising" because it incorporated nature into architecture, like many skyscrapers here that are fitted with rooftop gardens and vertical green walls.

The Wonderfall came as a surprise to Singaporean Joanna Tan, 35, who was unaware that T2 was undergoing a revamp.

The hospitality manager said the digital waterfall display elevated the terminal's look, making it as majestic as Jewel, the retail and entertainment complex at the airport.

As at September, passenger traffic at Changi Airport was at about 90 per cent of pre-pandemic levels, with nearly 10 million passengers passing through T2 since May 2022, said CAG.

- Additional reporting by Ng Keng Gene



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[Ramping up automation at Changi Airport a priority: CAAS director](#)



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# THE STRAITS TIMES

## MAS bars DBS from taking on new business ventures for six months

Bank also cannot reduce branches and ATMs; moves come after spate of service disruptions

Aqil Hamzah

For six months, DBS Bank will have to suspend non-essential changes to its IT systems, and will not be allowed to take on new business ventures, said the Monetary Authority of Singapore (MAS) on Wednesday. During this period, only IT system changes related to security, regulatory compliance and risk management will be allowed, said MAS.

"This is to ensure that the bank dedicates the needed resources and attention to strengthen its technology risk management sys-

tems and controls," it said. DBS will also not be allowed to reduce the number of its branches and automated teller machines (ATMs).

The pause imposed by the regulatory body on the Republic's largest bank comes after a series of disruptions to its services throughout the year.

The bank experienced major disruptions on March 29, May 5 and Sept 26, as well as on Oct 14 and 20. The Oct 14 outage lasted 12 hours, affecting the bank's digital services and ATMs.

During the six-month period, the authority will not approve any new business venture acquisitions

made by the bank.

MAS said the move to disallow DBS from reducing its number of branches and ATMs would ensure there are enough alternatives for the bank's customers if there are new disruptions. This directive will remain in place until MAS is satisfied with DBS' progress in enhancing its operational resilience, it added.

MAS will review DBS' progress at the end of six months, and may extend the duration of the measures, vary the additional capital requirements currently imposed, or take further action.

DBS currently has an additional capital requirement of about \$1.6 billion, which MAS imposed in May. This followed the disruption to the bank's digital banking and ATM services on May 5, which was

preceded by a widespread disruption on March 29.

The bank also had to apply a multiplier of 1.8 times to its risk-weighted assets for operational risk. This was marked up from the 1.5 times multiplier applied in 2022, after it suffered its worst outage in more than a decade in November 2021.

MAS said it will take up to 24 months for DBS to execute the planned changes to improve the resilience of its digital banking services.

"In the meantime, it is possible that disruptions may still occur. In such situations, MAS expects DBS Bank to promptly recover its services and communicate to its customers in a clear and timely manner," MAS said.

Ms Ho Hern Shin, deputy managing director of financial supervision at MAS, said: "DBS must put in place immediate measures to ensure service reliability while it continues to invest in the longer-term efforts to bolster its operational resilience."

"We have imposed this six-month pause on the bank to give it the space to take the actions needed to maintain customer trust."

In a press statement, DBS chairman Peter Seah apologised for the digital banking disruptions.

"With the incidents of the past year, we have failed to live up to these expectations, and have also fallen short of our own standards. As an acknowledgement that the bank could have done better, senior management will be held accountable, and this will be reflected in their compensation," he said.

He added that in the past few months, DBS has been trying to strengthen its resiliency and business continuity, and to be able to recover more quickly when incidents happen.

"This is a work in progress, and we seek customers' patience as we work through our remedial actions," Mr Seah said.

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Dreamscape, located in the departure transit area, is a new garden that combines digital content, plants and fish. With a digital "sky" ceiling emulating real-time weather conditions outside the terminal, Dreamscape features more than 20,000 plants from 100 species. ST PHOTO: KUA CHEE SIONG



The centrepiece of the departure hall is The Wonderfall, a large multimedia wall that features a "waterfall" cascading over large boulders. ST PHOTO: SHINJIARD TAY

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Additional reporting by Ng Keng Gene

SEE THE BIG STORY • A5

SCAN TO WATCH  
New attractions  
at the  
revamped Terminal 2:  
https://str.sg/2waak

## Healthcare • Websites down for seven hours

The websites of major public hospitals, polyclinics and healthcare clusters in Singapore could not be accessed for more than seven hours on Wednesday after they crashed at about 9.20am. Patient records remained acces-

sible and clinical services were unaffected, said some of the hospitals and their IT service provider Synapse on Facebook. Access was restored at about 4.30pm.

SEE THE BIG STORY • A2

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MCP1066/02/2023

# Terminal 2's new offerings

From a liquor-tasting lounge to an immersive garden, T2's revamped transit area has an array of attractions and features to occupy passengers waiting to board their flights.



**FOREST OF LI BAI**  
The liquor-sampling lounge, on the second floor of Lotte Duty Free's two-storey wine and spirit shop, is named after the Tang dynasty poet. It features LED ceiling animations (above).

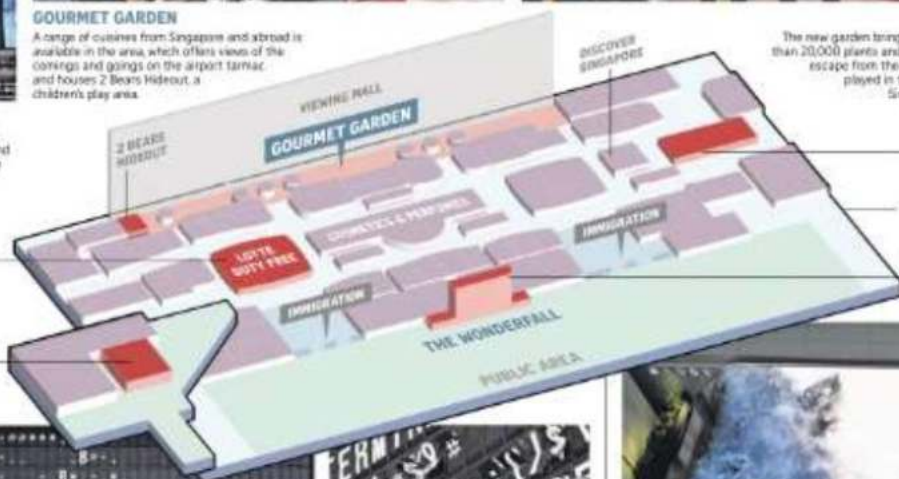


**GOURMET GARDEN**  
A range of cuisines from Singapore and abroad is available in the area, which offers views of the corridors and goings on the airport tarmac, and houses 2 Bears Hideout, a children's play area.



**DREAMSCAPE**

The new garden brings together a digital display, more than 20,000 plants and several ponds to give visitors an escape from the rush and heave of travel. Sounds played in the garden were recorded around Singapore, including on Pulau Ubin.



LEVEL 2

LEVEL 3



**FLAP PIX**  
About 1,000 repurposed soft-flap capsules from one of the terminal's decommissioned Solari boards arrange themselves in the likeness of visitors who take a self-portrait using the installation's camera.



**THE WONDERFALL**

At about four-storeys high, the multimedia wall is the terminal's centrepiece, exuding an air of calmness as "water" cascades down the LED display. Located in the departure hall, it can be viewed even by those not travelling.

Source: CHANGI AIRPORT. PHOTOS: ALIA CHEE SOON; SHANTARU TAY. STRAITS TIMES GRAPHICS

View the features of Changi's fully reopened Terminal 2 in 360 degrees



MULTIMEDIA  
SCAN TO VIEW

str.sg/changi-t2

新闻 新加坡



## 樟宜机场T2提前完成扩建 科技自然结合 营造舒适体验

尹云芳

发布 / 2023年11月02日 12:46 AM



离境转机区的“玄梦园”是虚与实结合的花园，变化多端的数码天空让人在不经意间发现惊喜。偶尔抬头，或许会看到热气球和飞机，亦或是梦幻般的水中世界。（梁麒麟摄）

字体大小: 小 中 大



高达14米的数码“瀑布”、能描绘肖像的黑白航班信息板、时而还有鱼儿漫游的数码天空花园……历经三年半的翻新和扩建，樟宜机场第二搭客大厦现在全面开放，除了增设方便旅客的自动化设施，也添加了让人们沉浸大自然氛围的拍照打卡景点。

原定明年竣工的樟宜机场第二搭客大厦（简称T2）提前完工，星期三（11月1日）举行扩建开幕仪式。

T2共扩增超过2万1000平方米的面积，容纳了额外的基础设施、新系统及更多零售店面。

根据樟宜机场集团的文告，T2从屋顶到墙面和地毯的设计都融入大自然元素，为访客营造静谧舒适的氛围。

走向离境厅的中心，最先映入眼帘的是栩栩如生、自14米高空倾泻而下的壮丽“瀑布”。这是由892块平面和曲面的LED砖组成的数码画卷，与两旁绿植墙面衔接，让人仿佛置身大自然中。

## 延伸阅读



[樟宜机场T2北侧10月底前重开 T1入境移民厅将扩大](#)



[从机场到博物馆 “退役” 航班信息板迎来 “第二春”](#)

原本要“退役”的旧式黑白航班信息板则以互动装置的姿态重返，不只能拼出鱼尾狮和滨海湾花园等本地景点，还能通过摄像机，为访客描绘大型肖像。

樟宜机场约三分之一的客流量是转机旅客，设计师也下足心思布置，让离境转机区别有洞天。

踏入转机区中央的“玄梦园”，一眼望去的是实时模拟日光和气象的数码天空；花园里种了2万多株植物，空中有100多种虫鸟等交鸣，这都是在本地产录制的雀鸟昆虫和其他生物的鸣叫。每半小时，数码天空就会下起雨，并化作荷花池，鱼儿、水獭和舢舨跟着来作伴。

# 虚实结合 梦幻樟宜机场T2

经过三年多的翻新和扩建工程，樟宜机场第二搭客大厦克服疫情阻挠，星期三（11月1日）正式全面开放。搭客大厦巧妙融入了大自然元素，包括遍布室内的绿植装饰，还采用创新科技，为访客带来不一般的离境和转机体验。



**玄梦园 (Dreamscape)**  
离境转机区虚实结合的花园，让旅客沉浸在模拟日光和气象的数字天空下，欣赏2万多株植物和五彩缤纷的鱼儿。



**留影板 (Flap Pix)**  
旧式黑白航班信息板化身互动装置，用字母符号刻画出景点和访客肖像。



**熊宝欢乐窝 (2 Bears Hideout)**  
为孩童设计的游乐区，也是一家大小拍照留念好去处。



**机器调酒师** 机场首个机器人调酒师Toni在乐天免税店，为旅客精心调制鸡尾酒。



**食尚花园 (Gourmet Garden)**  
品尝世界各地的美食之余，近距离观赏飞机起落，是视觉与味蕾的双重享受。



**水舞奇光 (The Wonderfall)** 离境厅高达14米的“瀑布”是由892块LED砖组成的数码画卷，搭配两旁的绿墙和音效，仿佛置身大自然。

资料来源：樟宜机场集团  
摄影：梁麒麟  
早报图表



联合早报 100  
口述历史



T2扩建项目总监陈来德在开幕仪式上说，2018年规划扩建项目时，第四搭客大厦刚开放一阵子，星耀樟宜也正在建造。T2虽然提供了良好的服务，但明显在老化，同时也要增加客容量，以服务更多旅客。

陈来德回忆，T2在2020年1月筑起第一批建筑围板不久，冠病疫情就来袭，所幸团队坚持不懈，让T2得以在2022年客流量恢复之际逐步开放，进而更有效率地服务旅客。“我们希望T2能成为机场服务和客户满意度的典范，打造行业的新标杆。”

为更好地服务旅客，离境厅自助登机亭和自助行李托运机增加约一倍，至100台，减少旅客排队时间。

## 比扩建前多500万 T2每年可接待约2800万旅客人次

自T2去年5月起陆续重开以来，已服务近1000万旅客人次，入驻的航空公司也增加到16个，包括瑞士航空和四川航空，连接新加坡与40个城市。

T2每年可接待约2800万旅客人次，比扩建前多500万，是樟宜机场所有搭客大厦中最多的。这使樟宜机场整体客运量增至9000万人次，超越疫前的8500万人次。

樟宜机场客流量今年9月已恢复到疫前的九成，预计明年会完全恢复至疫前水平。

国务资政兼国家安全统筹部长张志贤和代交通部长兼财政部高级政务部长徐芳达受邀出席开幕仪式。

张志贤致辞时说，随着T2全面重开，樟宜机场将能把握未来几年本地区航空交通量的预期增长。

他指出，我国也须创新来改善效率、生产力和旅客体验，同时减少碳足迹。新加坡民航局接下来几个月将发布可持续航空枢纽蓝图，勾勒支持航空业去碳化的一系列计划。

来自印度的马内（Saloni Mane，30岁，旅游公司助理经理）是转机旅客，深受玄梦园吸引。

马内说，虽然她等待转机的时间长达八小时，但遍布T2的植物让她恢复精神。“这是我第一次到樟宜机场，亲身体验到别人所说的机场有多棒，特别是它提供了许多放松和拍照的地方。”

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## 热词

樟宜机场 | 第二搭客大厦 | 旅游



新报业媒体有限公司  
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# 联合早报



百年  
如新

LIANHE ZAOBAO

2023年11月2日 星期四

南洋·星洲

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2023年11月2日 星期四



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新加坡 6



以空袭加沙难民营  
称炸死哈马斯指挥官

焦点 4

七个月五次服务中断  
金管局禁星展收购企业  
不能减少分行和提款机

焦点 2



## 政府医院和综合诊疗所网站故障达七小时

### 取药付款预约看诊服务都受影响

新加坡科技说，网络中断过程中，公立医疗集团的临床服务和操作如常，对于病人的护理也没受到影响。调查正在进行中，也没有发现任何证据显示内部网络和数据库外泄。

谢慧平 报道  
shu@sp.com.sg

本地所有政府医院和综合诊疗所的网站，星期三（11月1日）上午开始全面故障，页面完全无法登录。多数网站故障长达七个小时，其余到了傍晚时分才恢复。据了解，因网络服务中断，一些医疗机构的药房取药和付款服务受影响，公众也无法在线上预约

看诊。

卫生部属下的全国医疗科技机构新加坡科技（Synapse）晚上11时零9分在脸书发布贴文，说明初步调查结果。新加坡科技说，故障约在上午9时20分发生，公共医疗机构网络连接在下午4时30分左右逐步恢复。到了下午5时15分，大部分的服务也已恢复。

新加坡科技说：“对网络连接

中断的调查正在进行，我们没有发现任何证据显示内部网络和数据库外泄。”

新加坡科技说，在整个中断过程中，公立医疗集团的临床服务和操作（如登录病历和预约系统）如常，对于病人的护理也没受到影响。

据观察，出现网络服务中断的包括新加坡中央医院、新加坡国立大学医院、邱德拔医院、慈德综合医院、亚历山大医院、陈笃生医院、黄廷方综合医院等。《联合早报》记者中午尝试登录

这些网站时，系统都出现网页无法加载情况。

科大医学组织中午也在脸书贴文中说，除了上述情况，旗下的OneNHS应用的一些功能也出现技术问题，但病患仍可通过应用进行预约或是发出询问。

卫生部HealthHub网站的一些功能到了中午时分也出现故障。一些网民在社交媒体上也反映无法预约看诊。

到了下午4时50分左右，多数医院和所有综合诊疗所的网站已恢复运作。邱德拔医院、亚历山

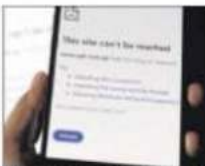
大医院和黄廷方医院的网站则到了傍晚6时零5分左右才恢复。

等候拿药时间比平时长

受访公众和药剂师反映，各别药房自上午开始出现人龙，等候时间也比平时长。

中央医院的一名药剂师透露：“药房的配药系统受影响，我们必须人工取药，药房也出现拥堵情况。很多人排队领药。”

不愿提供姓名的70岁退休男子因上午在国立健保集团属下的大巴窰综合诊疗所看诊后，见药



本地所有政府医院和综合诊疗所的网站星期三上午开始全面故障，页面完全无法登录。（王惠琳摄）

房等候区还有很多人排队，决定回家等待。他下午3时30分重返时，人流情况和上午一样。受访时无奈地说：“很失望，等了一个上午，还是拿不到药。”

## 樟宜机场T2全面开放 打造梦幻花园旅客惊艳

尹云芳 报道  
ywy@sp.com.sg

高达14米的数码“瀑布”，能描绘栩栩如生的黑白航班信息板，时面还有鱼儿游动的数码天空花园……历经三年半的翻新和扩建，樟宜机场第二搭客大厦现在全面开放，除了增设方便旅客的自动化设施，也增加了让人沉浸式大自然氛围的拍照打卡景点。

原定明年竣工的樟宜机场第二搭客大厦（简称T2）提前完工，星期三（11月1日）举行扩建开幕仪式。

T2共扩增超过2万1000平方米的面积，容纳了额外的基础设施、新系统及更多零售店面。

根据樟宜机场集团的文件，T2从屋顶到墙面和地面的设计都融入大自然元素，为旅客营造舒适惬意的氛围。

走向离境厅的中心，最先映入眼帘的是栩栩如生、自14米高空倾泻而下的壮观“瀑布”。这是由892块平面和曲面的LED灯组成的数码画卷，与两旁绿植墙面相接，让人仿佛置身

身大自然中。原本要“退役”的旧式黑白航班信息板则以互动装置的姿态重生，不仅能拼出鱼尾狮和滨海湾花园等本地景点，还能通过摄像头，为访客捕捉大型鸟兽。

樟宜机场约三分之一的客流量是转机旅客，设计师也是下足心思布置，让离境转机区别有洞天。

花园种2万多株植物 播放雀鸟昆虫鸣叫声

踏入转机区中央的“玄梦园”，一眼望去的是实时模拟日光和气象的数码天空；花园里种了2万多株植物，空中有100多种鸟鸣等交响，这都是本地各个角落录制的雀鸟昆虫和其他生物的鸣叫。每半小时，数码天空就会下起雨，并化作荷花池、鱼儿、水獭和鱼鹰游来作伴。

T2扩建项目总建筑师陈来德在开幕仪式上说，2018年规划扩建项目时，第四搭客大厦刚开放一阵子，星洲樟宜也正在建造。T2虽然提供了良好的服务，但明显在



离境转机区的“玄梦园”是虚实结合的花园，变化多端的数码天空让人在不经意间发现惊喜。偶尔抬头，或许会看到热气球和飞机，亦或是梦幻般的水中世界。（梁祖雄摄）

老化。同时也要增加客容量，以服务更多旅客。

陈来德回忆，T2在2020年1月就起第一栋建筑围板不久，新冠疫情就来袭，所幸团队坚持不懈，让T2得以在2022年客流量恢复之际逐步开放，进而更有效率地服务旅客。“我们

希望T2能成为机场服务和客户满意度的典范，打造行业的新标杆。”

为更好地服务旅客，离境厅自助登机亭和自行车托运机增加约一倍至100台，减少旅客排队时间。

自T2去年5月启动续建开，

已服务近1000万旅客人次，入住的航空公司也增加到16个，包括瑞士航空和四川航空，连接新加坡与40个城市。

T2每年可接待约2800万旅客人次，比扩建前多500万，是樟宜机场所有搭客大厦中最多。这使樟宜机场整体客运量增至9000

万人次，超越疫前的8500万人次。

客量明年恢复至疫前水平

樟宜机场客流量今年9月已恢复到疫前的九成，预计明年会完全恢复至疫前水平。

国务资政兼国家安全统筹部长张志贤和代交运部长兼财政部高级政务部长徐芳达受邀出席开幕仪式。

张志贤致辞时说，随着T2全面重新，樟宜机场将把握未来几年本区域航空交通量的预期增长。

他指出，我国也须创新来改善效率、生产力和旅客体验，同时减少碳足迹。新加坡民航局接下来几个月将发布可持续发展蓝图，与航空业支持航空业去碳化的系列计划。

来自印度的马内（Saloni Mann, 30岁，旅游公司助理经理）是转机旅客，深受玄梦园吸引。

马内说，虽然她等待转机的时间长达六小时，但瀑布T2的植物让她恢复精神。“这是我第一次到樟宜机场，亲身体验别人所说的机场有多棒，特别是它提供了许多放松和拍照的地方。”

T2有何亮点？制图让你先睹为快 刊第6页

# 新加坡

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## 登加新镇本月26日起增新巴士路线

交通部长许文远与环保部高级政务部长许连捷博士指出,新的870号巴士将从本月26日起投入服务,新巴士穿行于登加田街、裕雅东和武吉巴鲁之间,届时居民可乘搭巴士,前往裕雅东和武吉巴鲁156里巴利。

卢慧美 报道  
 luo@zhq.com.sg

11月26日起,登加新镇将新增一条公共巴士服务路线,为陆续搬进这个新镇的居民提供更多交通便利。

交通部长许文远与环保部高级政务部长许连捷博士星期三(11月1日)在脸书贴文,指新的870号巴士将从本月26日起投入服务,新巴士将穿行于登加田街(Plantation Crescent),裕雅东和武吉巴鲁之间,届时居民可乘搭巴士,前往裕雅东和武吉巴鲁第156里巴利。

许连捷也是于该北边区议员,她将从今年12月起,回任裕雅东和登加林街(Tengah Boulevard)和裕雅东。届时870号巴士路线和现有的992号巴士也将延长路线,服务更多登加田街。

870号巴士会从田街穿过

到登加林街,以顺时针方向行驶,并在Plantation Village组屋对面的新巴士站停靠,再返回裕雅东。

992号巴士则是在田街弯左转,以逆时针方向行驶,在Plantation Crescent屋外的新巴士站停靠,才返回武吉巴鲁巴士转乘站。有关巴士路线的细节稍后公布。

随着陆续有组屋居民入住,许文远说,陆路交通管理局将建新发展局正努力,在登加新镇增建道路和巴士站,让居民受益。

### 属民盼政府提供更多公共交通服务

有居民在许连捷贴文留言,指居民需要越过登加林街,才能到Plantation Village组屋对面的新巴士站乘搭870号巴士,希望陆交局和建屋局能提出合理方案让居民安全过马路,许连捷也已知

晓此事和陆路局相关安排。居民多是居住组屋区有新巴士服务,不过随着越来越多组屋主搬进新镇,陆续在组屋和组屋主人住,多数人希望政府加建提供更多公共交通服务,让大家出行更便利。

预计明年5月将取得规划局的规划设计和土木(48岁),一般星期大会规划组车到未来新家看施工进度,免由第一组人住登加新镇的屋主若没开车,一度要步行一公里或叫网约车才能回到家。

相较于今年9月相比,当地的公共交通规划已有改善,随着登加林街道路开通和新巴士服务投入运作,居民上下班、购物和外出会更方便一些。

根据《海峡时报》早前的报道,有今年8月已领取利息的Plantation Acres组屋屋主,因住家距离在田街,靠近Plantation Acres组屋的992号巴士站有一段路,选择推迟搬家计划,也有屋主在今年9月发起调查,收集居民反馈后提交给许文远,希望当局增加公共交通服务。



多个组屋单位正在兴建中的登加新镇,11月26日将新增一条870号巴士路线,可为陆续搬进这个新镇的居民提供更多交通便利。(新华社)

## 虚实结合 梦幻樟宜机场T2

经过三年多的翻新和扩建工程,樟宜机场第二搭客大厦克服疫情的阻碍,星期三(11月1日)正式全面开放。搭客大厦巧妙融入了大自然元素,包括遍布屋内的绿植墙饰,还采用创新科技,为搭客带来不一样的震撼和转机体验。



**宜梦园 (Dreamscape)**  
 离境转机区虚实结合的花园,让旅客沉浸在模拟日光和气象的绝佳天空下,欣赏2万多种植物林五湖环绕的鱼儿。

**翻页板 (Flip Pix)**  
 旧式黑白航班信息板化身互动装置,用字母符号和画面突出重点和登机信息。



**熊宝欢乐窝 (2 Bears Hideout)**  
 为孩童设计的玩乐区,也是一大一小组孩童的好去处。



扫描二维码  
 看T2游乐点



**食尚花园 (Gourmet Garden)**  
 是全世界各地的美食之选,让旅客边看飞机起落,边感受与味蕾的双重享受。



**机器熊伙伴**  
 机场首个机器人熊伙伴Ton在乐天免关税,为旅客精心调制鸡尾酒。



**水舞奇光 (The Wonderful)**  
 离境厅高达14米的“瀑布”是由192块LED灯组成的数码瀑布,搭配悦耳的绿调音乐,仿佛置身大自然。



Singapore

## Changi Airport's Terminal 2 fully reopens with lush greenery and digital waterfall display

The refreshed terminal incorporates elements of nature, including an immersive garden in the middle of the transit area.



Changi Airport Terminal 2 fully reopened to passengers on Wednesday (Nov 1) after three and a half years of upgrading works. Claudia Lim reports.

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5 min

This audio is generated by an AI tool.



**Koh Wan Ting**

01 Nov 2023 12:00PM | (Updated: 01 Nov 2023 11:27PM)



SINGAPORE: Changi Airport Terminal 2 fully reopened to passengers on Wednesday (Nov 1) after three and a half years of upgrading works.

The completion comes ahead of schedule, with expansion works originally slated to be done by next year.

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The reopening comes at a time when passenger traffic for Changi Airport has rebounded to 90 per cent of pre-COVID levels, as of September 2023. Passenger volumes are expected to fully recover by next year.

The upgraded terminal, adding more than 21,000 sq m to the building, places Changi Airport in a better position to handle higher traffic. Sixteen airlines will operate at Terminal 2, with flights connecting to 40 cities.

With the terminal's expansion project adding five million passengers per annum to Changi Airport's capacity, the airport's total handling capacity across all four terminals is now 90 million passengers per annum.

The expansion project started in January 2020, two months before Singapore closed its borders due to the COVID-19 pandemic.

The terminal closed for upgrading works in May 2020. While operations were supposed to be suspended for 18 months, arrival operations in the south wing only resumed in May 2022 due to delays from the pandemic. Departure operations began in October 2022.

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#### Related:



More automated systems, new dining options at Singapore's Changi Airport Terminal 2

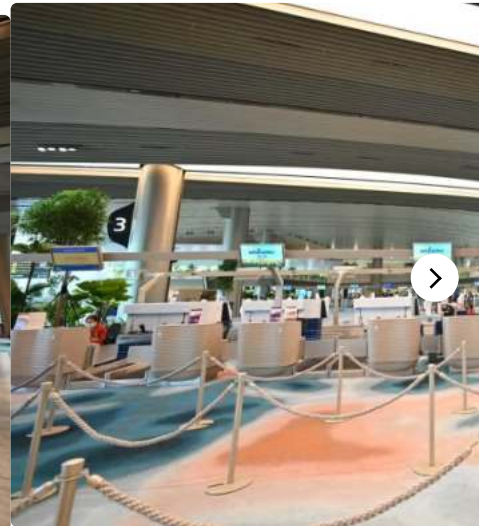
Speaking at the opening ceremony on Wednesday, Senior Minister and Coordinating Minister for National Security Teo Chee Hean noted that the aviation sector has become a key pillar of Singapore's economy.

"Pre-COVID, the Changi air hub and its adjacent industries contributed over 5 per cent of Singapore's GDP and supported almost 200,000 jobs."

He said that Singapore must be ready to "capture future growth in air travel", noting that work had resumed on the construction of Terminal 5. "When ready in the mid-2030s, T5 will add approximately 50 million passengers to Changi's annual capacity and this will strengthen Singapore's position as a premier air hub."



The departure hall of the newly reopened Changi Airport Terminal 2 on Nov 1, 2023. (Photo: CNA/Raydza Rahman)



The departure hall at the newly reopened Changi Airport Terminal 2 features modern architecture and landscaping. (Photo: CNA/Raydza Rahman)



## REFRESHED TENANT MIX IN A NATURE-THEMED DESIGN

Boasting a central common-use Fast and Seamless Travel zone, the new-look Terminal 2 has nearly twice its original number of automated check-in kiosks and bag drop machines, and immigration halls have been expanded to support more automated immigration lanes.

Terminal 2 is also the first Changi terminal to have automated Special Assistance Lanes for people with disabilities and young children at both arrival and departure immigration.

A new fully automated early baggage storage system has also been installed with the capacity to handle up to 2,400 bags.

The media were also given a tour of the refreshed terminal, which features elements of nature, from ceiling designs to wall finishes modelled after natural landforms and green columns with plants.

Digital features of nature were also incorporated. A 14m-tall digital display called The Wonderfall, located in the heart of the departure hall, depicts a waterfall crashing over boulders.



Hanging plants at Changi Airport Terminal 2's Gourmet Garden on Nov 1, 2023. (Photo: CNA/Raydza Rahman)

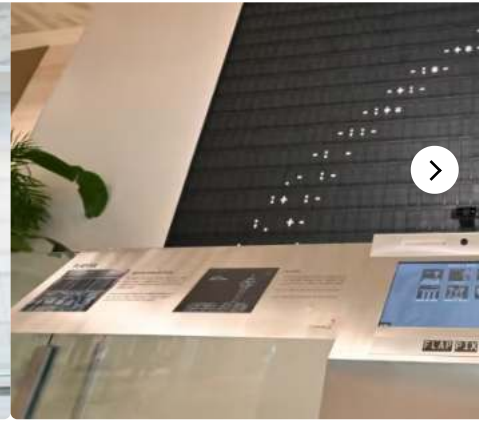
Vertical green columns at Changi Airport's newly reopened T

The old flight information display flip board originally displayed at Terminal 2's departure hall has been repurposed into a kinetic art display that visitors can have some fun with.

Located at level two of the newly reopened Terminal 2's departure hall and publicly accessible, the flip board is able to recreate visitors' selfies and iconic landmarks such as the Changi Airport control tower using symbols and letters.



The iconic flight information display flip board at Changi Airport Terminal 2 has been repurposed into an interactive, kinetic art display that can arrange symbols to recreate your selfie. (Photo: CNA/Raydza Rahman)



The iconic flight information display flip board, now a kinetic reopened Terminal 2. (Photo: CNA/Raydza Rahman)



Among the refreshed tenant mix in the public areas of Terminal 2 is Funko, a retailer of pop culture collectibles. Southeast Asia's first Funko pop-up will stock figurines of the Merlion.

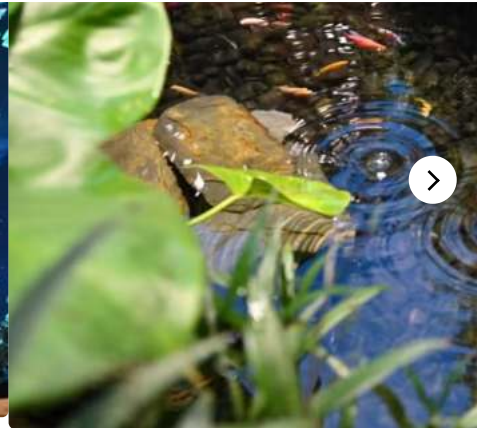
Three homegrown brands - Lynk Fragrances, Peranakan confectionary Baker's Well and coffee shop Cafe O - have also set up shop in the departure hall. Other food options in the landside area include Jones the Grocer and JINJJA Kitchen.

In the transit area, a garden dubbed Dreamscape consists of a transparent platform over a fish pond, accompanied by the sounds of nature in the form of recordings of local wildlife taken from different parts of Singapore, including Pulau Ubin. The fish pond is home to cichlids and aquatic plants.

Above the garden, a digital "sky" projects real-time weather conditions through integration with the airport weather system. It also periodically transforms into an underwater portal where visitors get a bottom-up view of a river filled with fish, otters and a sampan boat drifting across the surface.



The digital sky at the Dreamscape garden in Terminal 2's transit area reflects real time weather conditions. The regular forecast is interrupted periodically to transform into an underwater portal filled with aquatic life, the occasional... [see more](#)



A new garden in the transit area of Changi Airport Terminal 2 reopening on Nov 1, 2023. (Photo: CNA/Raydza Rahman)



The transit area is also home to a newly opened, double-storey Lotte Duty Free Wines & Spirits, which features a robot bartender called Toni serving cocktails to visitors. Visitors can sample 18 different whiskeys on a lounge on the upper level, named the Forest of Li Bai after the Chinese poet.

A dining place with panoramic views of the airport tarmac is also situated at the transit area. Dubbed Gourmet Garden, options include Wee Nam Kee Chicken Rice, Hard Rock Cafe, The Hainan Story, The Satay Club by Harry's and Boost.



Lotte Duty Free Wines & Spirits, newly opened at Changi Airport Terminal 2's transit area, is home to Toni the robot bartender. (Photo: CNA/Raydza Rahman)



An LED ring measuring 30m in circumference plays scenes of poet Li Bai's famous work, Drinking Alone Under the Moon, in the Forest of Li Bai lounge. (Photo: CNA/Raydza Rahman)...[see more](#)



Source: CNA/wt(ac)

### Related Topics

Changi Airport

aviation



The centrepiece of Terminal 2's departure hall – the digital waterfall display The Wonderfall – is 14 metres tall and 17 metres wide. PHOTOS: SHINTARO TAY, ST



Visitors taking in Dreamscape (above), a new garden that combines 20,000 plants with digital content in the ceiling, in the transit area of T2; the revamped departure hall (below).



# T2 reopens after expansion to help Changi Airport cope with post-Covid recovery

Over 21,000 square metres has been added to terminal building, to support additional infrastructure, new systems and more retail offerings

By **Tay Peck Gek**  
peckgek@sph.com.sg

CHANGI Airport has reopened Terminal 2 (T2) after 3½ years of expansion works, just as the air hub expects to welcome a full recovery to passenger traffic by 2024.

Construction for the engineering and expansion works began in January 2020, two months before Singapore closed its borders to shut out the coronavirus.

Changi Airport Group pushed ahead with the T2 project, however, driven by the conviction that the air hub would not only recover from the pandemic, but emerge stronger, said Senior Minister and

Coordinating Minister for National Security Teo Chee Hean, who reopened the expanded T2 on Wednesday (Nov 1).

Passenger traffic at Changi Airport has recovered to 90 per cent of pre-pandemic levels.

"Changi's passenger traffic in the first eight months of this year was the highest in the Asia-Pacific region. We expect Changi's passenger volumes to recover fully by 2024, and then continue to grow," said Teo in his speech.

## Increase in capacity

T2 can now handle 28 million passengers or five million more annually, bringing Changi's operating

capacity to 90 million passengers a year across the four terminals.

The T2 expansion project has added more than 21,000 square metres to the terminal building, to support additional infrastructure, new systems and more retail offerings.

The number of automated check-in kiosks and bag-drop machines has been almost doubled, and more automated lanes have been added to the immigration halls to allow more passengers to be served at any point in time.

T2 is also the first terminal in Changi to have automated lanes in the arrival and departure immigration halls for those with disabilities

and young children.

There is also a new fully automated baggage storage system that can handle up to 2,400 bags.

## Premier air hub

Currently, 16 airlines operate out of T2, offering flights to 40 cities.

Notwithstanding the increase in capacity from the T2 expansion, the air hub has resumed work on Terminal 5, which was once disrupted by the pandemic.

When T5 is ready in the mid-2030s, Changi's annual capacity will surge by 50 million passengers, strengthening Singapore's position as a premier air hub.

Noting the important role Chan-

gi plays, Teo pointed out that the air hub's growth is closely intertwined with Singapore's economic success.

The aviation sector is a key pillar of Singapore's economy, with the Changi air hub and its adjacent industries contributing more than 5 per cent of Singapore's gross domestic product, and hiring almost 200,000 people, pre-pandemic.

"Changi will always be an integral part of the Singapore story, not only because of its economic importance, but also for the spirit of daring and drive that it represents," said Teo, who recalled the challenges the air hub faced in building T1 and T3.

## 10-year average return on SSBs hit new year-to-date high of 3.4%

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INTEREST rates on the latest issuance of Singapore Savings Bonds (SSBs) have risen again, as yields on the bonds have continued to climb in recent months.

The latest tranche, which opened on Wednesday (Nov 1) and will be issued in December, is offering a first-year interest rate of 3.3 per cent, and a 10-year average return of 3.4 per cent.

The 10-year average return of 3.4 per cent is the highest offered for issuances in 2023.

Interest rates for the SSBs have been on the rise for the past five tranches. In the previous tranche that was to be issued in November, yields hit 3.32 per cent, which was then a year-to-date high.

The total amount applied for in the November issuance was also the highest for this year, at S\$1.2 billion, for the S\$1 billion on offer.

SSBs take their interest rates from the average yields of Singapore government bonds from the month before. But they are subject to adjustments, to ensure that interest rates do not dip over time when the yield curve is inverted – which is when yields of short-dated bills exceed those of longer-dated bonds.

The government may make adjustments to ensure that returns do not step down before the SSB matures, so as to provide investors with a return that increases across their holding periods. The announcement of the latest tranche of SSBs came ahead of the next Federal Open Market Committee meeting in the US on Wednesday.

The latest December issuance has some S\$1 billion on offer and closes on Nov 27. It will be allotted on Nov 28; successful applications will be issued on Dec 1. The 10-year average return on SSBs reached a historic high of 3.47 per cent in December 2022.