2ND ANNUAL FACIAL RECOGNITION SUMMIT
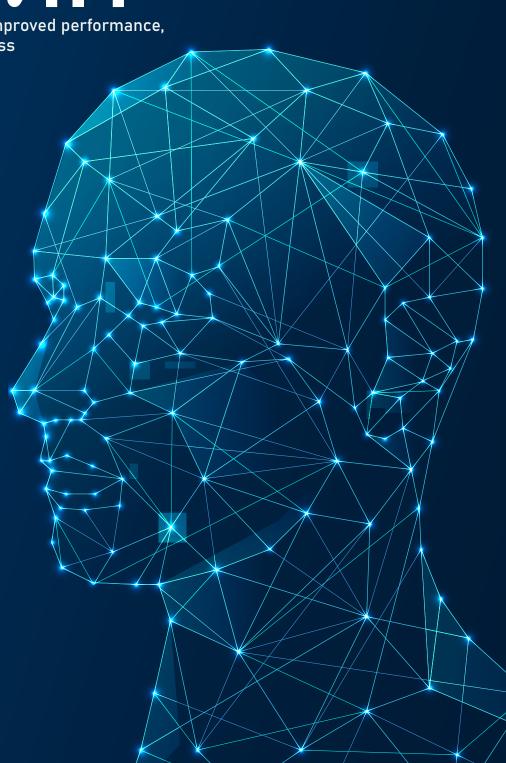
Advancing face biometrics for improved performance, transparency, and trustworthiness

1ST– 2ND APRIL 2020
HOTEL FORT CANNING, SINGAPORE

"Better-than-ever face-recognition tech means you will be able to forget your passwords —with more security. Your face will soon be the key to all your devices."

- Christopher Mims, Wall Street Journal

EVENT OVERVIEW

Facial recognition technology is riding high on a new wave of popularity. The contactless modality has long been an important focus for government operations, but suffered the stigma born of consumer unfamiliarity, a lack of industry standardization, and high profile surveillance deployments. However, there has been a paradigm shift, largely due to the consumer boom in face biometrics spurred by the likes of Apple and its much-lauded Face ID authentication. People are more comfortable with facial recognition than ever before, and continues to be the preferred biometric benchmark.

The global facial recognition technology market is worth approximately US$3bn (A$4.1bn) and is expected to grow to US$6bn by 2021. From boarding an international Delta flight in Atlanta to transferring money in China to unlocking the new iPhone X anywhere in the world, your face is quickly becoming the key to do, well, everything.

2nd Annual Facial Recognition Summit by Trueventus aims to bring together the key industry experts and practitioners involved in face recognition development, procurement, deployment and operations for two days of informative and interactive discussions on deploying facial recognition technology in business operations and its optimum use for authentication, fraud management, identity verification and also in shaping up customer experience.

WHY YOU CANNOT MISS THIS EVENT

- Creating more secure, personalized and streamlined environments for employees and customers through the use of facial recognition technology

- Allowing enterprises to provide superior service and security to customers and employees through frictionless interactions

- Exploring different applications of face biometrics, from ready to deploy solutions to proofs of concept

- Debunking the social myths of facial recognition by highlighting the efficiency and convenience of face biometrics

- Delving into how integration of facial recognition technology improve bottom line through enhanced customer experience

WHO SHOULD ATTEND?

This event is targeted but not limited to:
- Chief Technology Officers
- Chief Information Officers
- Chief Innovation Officers
- Professionals concerned with:
  - Face recognition
  - Facial biometrics
  - Digital ID
  - Biometric design
  - Deployment and maintenance
  - Configuration
  - System integration
  - Process standardisation
  - Process automation
  - Software development
  - Data analytics
  - Deep learning
  - Artificial intelligence
  - Network security
  - IT infrastructure
  - Research and development

Across all industries heavily invested in biometrics and identity technology.

For further details, contact
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SILVER SPONSOR

Cognitec is the only company worldwide that has worked exclusively on face recognition technology since its inception in 2002. Experiencing steady growth at business locations in Dresden, Boston and Sydney, the company is proud to maintain a stable, market-leading position within the industry, and to uphold the trust it has gained as a reliable, experienced provider of biometric technologies. Various independent evaluation tests have proven the premier performance of the FaceVACS® software. Cognitec's portfolio includes products for facial image database search, recorded video investigation, real-time video screening and people analytics, border control, and biometric photo capturing.

www.cognitec.com

MEDIA PARTNER

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www.indosecuritysystem.com

BiometricUpdate.com is the leading news property that publishes breaking news, analysis, and research about the global biometrics market

www.biometricupdate.com

ASSOCIATE PARTNER

We are an independent cybersecurity association that believes in developing, supporting as well as enhancing industry technical competence and management expertise to promote the integrity, status and interests of Information Security Professionals in Singapore.

www.aisp.sg

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FEATURING PRESENTATION AND CASE STUDIES BY DISTINGUISHED SPEAKERS

Xiaoyu Wang
Chair of Computer Vision
Snap Inc, USA

Speaking on: Increasing performance accuracy of automated face recognition systems across all demographics

Dato' Sri Tajudin Bin Md Isa
Director Department of Strategic Resources and Technology (StaRT)
Royal Malaysia Police, Malaysia

Speaking on: Face recognition for policing: Combating crime, terrorism and economic competition

Akina Ho
Head of Digital Transformation & Innovation
Great Eagle Holdings Limited, Hong Kong

Speaking on: Driving revenue growth for hospitality industry through the adoption of facial recognition technology

Ankur Arora
Director Data Science/AI Garage
Mastercard, India

Speaking on: Improving and easing the process of payments through identity verification

Eric Chan
Chief Public Mission Officer
Cyberport Hong kong, Hong Kong

Speaking on: Leveraging security protocols and workplace safety using facial recognition technology

Charmaine Koo
Co-head of Deacons Intellectual Property Department and Head of the IP Litigation and Enforcement, Commercial IP and Entertainment and Media Practice Groups
Deacons, Hong Kong

Speaking on: Application of Data Privacy Law in Facial Recognition Technology

Dr. Adam Chee
Chief Advocacy Officer
Binary Healthcare, Singapore

Speaking on: Utilizing face recognition for healthcare workflow optimization

Julie Zhu
Deputy General Manager, IT Department
HK Express, Hong Kong

Speaking on: Transforming airports using facial biometrics for increased safety, speed, and convenience

Peter Lung
Director, Technical Services & IT Operations
TAL Apparel Limited, Hong Kong

Speaking on: Gathering feedback on the go: Using facial analysis to elevate consumer experience

Anson Bailey
Partner, Head of Technology (Hong Kong), Head of Consumer and Retail
KPMG China, Hong Kong

Speaking on: Facial recognition tech: Addressing the need for public regulation and corporate responsibility

Michael Natusch
Global Head of Artificial Intelligence
Prudential, London

Speaking on: Leveraging AI and machine learning towards enhancing facial identification and image analysis

Professor Brian C. Lovell
Director of the Advanced Surveillance Group in the School
ITEE, University of Queensland, Australia

Speaking on: Deep learning: Detecting face morphing attacks through convolutional neural networks

Lok Fung
Head of Transit Management Competence Center
Jardine Schindler Group, Hong Kong

Speaking on: Future trend of technology with elevator business

Gaurav Rekhi
MD & CEO
Manipal Hospitals, Malaysia

Speaking on: Revolutionizing identity management in healthcare through deep learning and face analysis

Marco Huang
Director, Fraud Risk Management at Virtual Bank
Standard Chartered Bank, Hong Kong

Speaking on: Reviewing and combating the security and privacy risks of face recognition authentication

Victor Yim
Product Owner, Global Fraud & ID Solutions, International
TransUnion, Hong Kong

Speaking on: Boosting security and preventing fraud and identity theft through facial comparison

Tim Lei
Senior Manager Digital Solution
K11 Concepts Limited, Hong Kong

Speaking on: Hyper-personalizing in-store retail and service experience for customers through facial recognition

Aki Cheung
Senior Personal Data Officer (Policy & Research)
Office of Privacy Commissioner for Personal Data, Hong Kong

Speaking on: Protecting personal data privacy - Points to note when using facial recognition

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1st- 2nd April 2020 | Hotel Fort Canning, Singapore

trueventus

DAY ONE: WEDNESDAY, 20th NOVEMBER 2019

0800 **Registration & coffee**

0850 **Opening keynote address**

0900 **Session One**
Facial recognition tech: Addressing the need for public regulation and corporate responsibility
- Developing new laws to put some constraints on the broad use and development of facial recognition
- Ensuring tech companies to provide transparent documentation explaining the capabilities and limitations of their facial recognition tech
- Clearly notifying consumers where facial recognition is in use, and obtaining consumers' consent to the use of facial recognition when entering premises

Anson Bailey Partner, Head of Technology (Hong Kong), Head of Consumer and Retail
KPMG China, Hong Kong

0945 **Session Two**
Reviewing and combating the security and privacy risks of face recognition authentication
- Discussing the occasional unreliability of facial recognition in security authentication, allowing threat through security bypass
- Highlighting the importance of embedding machine learning system into face recognition platform to allow scanning on authentic expression for verification
- Raising concern on data privacy gather from the platform to avoid cybercriminal attempts or data manipulation

Marco Huang Director, Fraud Risk Management at Virtual Bank
Standard Chartered Bank, Hong Kong

1030 **Morning refreshment**

1100 **Session Three**
Leveraging AI and machine learning towards enhancing facial identification and image analysis
- Providing agencies invaluable time saving by using image analysis to search automatically through millions of records in seconds with AI and ML integration
- Due to the presence of smart surveillance cameras embedded with AI everywhere facial identification has become faster and more accurate under all conditions
- Identifying human faces in digital photographs using deep learning facial recognition system with high level of accuracy

Michael Natusch Global Head of Artificial Intelligence
Prudential, London

1145 **Session Four**
Future trend of technology with elevator business
- Facial recognition application at elevator business
- Same camera with different access application (QR code)
- Crowd prevention with AI deep learning for better passenger experience

Lok Fung Head of Transit Management Competence Center
Jardine Schindler Group, Hong Kong

1230 **Networking luncheon**

1400 **Session Five**
Application of data privacy law in facial recognition technology
- Maintaining a comprehensive data security program to protect the people privacy
- Provide the transparency of the facial recognition data, how such data will be used, stored, shared, and maintained
- The legal perspectives of applying facial recognition massively

Charmaine Koo Co-head of Deacons Intellectual Property Department and Head of the IP Litigation and Enforcement, Commercial IP and Entertainment and Media Practice Groups
Deacons, Hong Kong

1445 **Session Six**
Improving and easing the process of payments through identityverification
- Enabling payment through image recognition to make payments process easier
- Using facial recognition to eliminate fraud in payment by including a verification step
- Seamless online transaction experience using facial recognition for payment authentication

Ankur Arora Director Data Science/AI Garage
Mastercard, India

1530 **Afternoon refreshment**

1600 **Session Seven**
Utilizing face recognition for healthcare workflow optimization
- Leveraging Face Recognition technologies in Smart Healthcare
- Effective adoption for sustainable workflow optimization
- Improve Patient Safety, Health Quality and Service Level

Dr. Adam Chee Chief Advocacy Officer
Binary Healthcare, Singapore

1630 **Session Eight**
Transforming airports using facial biometrics for increased safety, speed, and convenience
- Integrating facial recognition for identity authentication for passengers' flight boarding process and at customs clearance
- Employing smarter surveillance at airport terminal entrances through automatic identification when a person of interest enters the airport
- Face recognition can instantly recognize employees and alert airport officials if they go somewhere suspicious

Julie Zhu Deputy General Manager, IT Department
HK Express, Hong Kong

1700 **Session Nine**
Protecting personal data privacy - points to note when using facial recognition
- Privacy risks of facial recognition
- Relevant provisions in the data protection laws of Hong Kong and beyond
- PCPD's recommended good practice of accountability and data ethics

Aki Cheung Senior Personal Data Officer (Policy & Research)
Office of Privacy Commissioner for Personal Data, Hong Kong

1730 **End of day one**

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DAY TWO: THURSDAY, 21th NOVEMBER 2019

0800 **Registration & coffee**

0850 **Opening keynote address**

0900 **Session One**
Face recognition for policing: Combating crime, terrorism and economic competition
- Facilitating the evolution from fingerprint recognition to facial recognition for security and law enforcement
- Face biometrics employed for issuance of identity documents and border checks, often combines with other biometric technologies such as fingerprints
- Drones combined with aerial cameras offer an interesting combination for facial recognition applied to large areas during mass events
Dato' Sri Tajudin Bin Md Isa Director Department of Strategic Resources and Technology (StaRT)
Royal Malaysia Police, Malaysia

0945 **Session Two**
Increasing performance accuracy of automated face recognition systems across all demographics
- Measuring and mitigating the differential impact of demographic factors in face biometrics performance results
- Evaluating demographic effects on the accuracy and throughput of commercial biometric face acquisition systems
- Updating facial recognition technology with significant improvements in the system's ability to recognize gender across skin tones
Xiaoyu Wang Chair of Computer Vision
Snap Inc, USA

1030 **Morning refreshment**

1100 **Session Three**
Deep learning: Detecting face morphing attacks through convolutional neural networks
- Discussing recent advances in protecting the photo-ID-based verification from the morphing attack by deep learning
- Presenting an automatic morphing pipeline to generate morphing attacks, train neural networks based on this data and analyze their accuracy
- Delving into the application of neural networks for automated recognition to improve biometric systems level of vulnerability in the context of face morph attacks
Professor Brian C. Lovell Director of the Advanced Surveillance Group in the School
ITEE, University of Queensland, Australia

1145 **Session Four**
Hyper-personalizing in-store retail and service experience for customers through facial recognition
- Providing retailers with shopper preferences and demographic information of customers upon arrival at store
- Allowing retailers to provide a personalized touch through special deals or recognition of loyalty to a store or brand
- Adjusting store design and display cases through understanding in-store shopper profiles at different points throughout the day
Tim Lei Senior Manager Digital Solution
K11 Concepts Limited, Hong Kong

1230 **Networking luncheon**

1400 **Session Five**
Boosting security and preventing fraud and identity theft through facial comparison
- TransUnion IDVision (eKYC) solution has powered the 1st remote bank account opening service in HK and adopted by more than 10 Financial instituations
- IDVision is a multi-layered identity verification solution based on the unique data asset from TransUnion
- Document forensic and liveness detection are two emerging areas which we have been facing quite a lot of challenges
Victor Yim Product Owner, Global Fraud & ID Solutions, International
TransUnion, Hong Kong

1445 **Session Six**
Leveraging security protocols and workplace safety using facial recognition technology
- We intend to showcase a couple of our start-up companies focusing on facial recognition tech development and now in liaison with them to secure their availability. They will be part of my presentation. Details to be confirmed after we secure the start-up founders availability
- Tentatively: How Cyberport help nurture young tech start-up companies to bring their facial recognition solution to our campus/market?
- Market potential of facial recognition. Use case sharing of facial recognition in workplace & office security
Eric Chan Chief Public Mission Officer
Cyberport, Hong kong

1530 **Afternoon refreshment**

1600 **Session Seven**
Revolutionizing identity management in healthcare through deep learning and face analysis
- Facial recognition and its role in healthcare settings
- How emotional recognition can help healthcare providers
- How deep learning and facial recognition can help in pain and medication management
Gaurav Rekhi MD & CEO
Manipal Hospitals, Malaysia

1630 **Session Eight**
Driving revenue growth for hospitality industry through the adoption of facial recognition technology
- Streamlining the check-in process, on-property payments for restaurants and amenities and to improve functionality and security at room entrance using facial recognition
- Allowing hotels to provide superior, personalized services around the clock, for guests arriving outside of regular business hours
- Enhancing hotel security by alerting hotel management to VIPs and undesirable guests without causing interference to business operations
Akina Ho Head of Digital Transformation & Innovation
Great Eagle Holdings Limited, Hong Kong

1700 **Session Nine**
Using facial analysis to elevate customer experience
- Current approach of using facial analysis to elevate customer experience
- How to improve and make a better analysis
- Showcase the system machine
Peter Lung Founder Insight Wave Limited
TAL Apparel Limited, Hong Kong

1730 **End of conference**

COMPANY DETAILS

Name		Industry	
Address			
Postcode		Country	
Tel		Fax	

ATTENDEE DETAILS

1	Name		Job Title	
	Tel		Email	
2	Name		Job Title	
	Tel		Email	
3	Name		Job Title	
	Tel		Email	
4	Name		Job Title	
	Tel		Email	
5	Name		Job Title	
	Tel		Email	

APPROVAL

NB: Signatory must be authorised on behalf of contracting organisation.

Name		Job Title	
Email			
Tel		Fax	
Authorising Signature			

COURSE FEES

	Corporate
End of September 2019	**USD 1695**
End of October 2019	**USD 1995**
End of November 2019	**USD 2195**
End of January 2020	**USD 2295**
1st February 2020 onwards	**USD 2995**
☐ Document Package USD 495	

All options inclusive of delegate pack, luncheon and refreshments.   **HK.IT43**

PAYMENT METHODS

Payment is due in 5 working days. By Signing and returning this form, you are accepting our terms and conditions.

☐ By Cheque

☐ Bank Transfer

☐ Credit Card

TERMS & CONDITIONS

1. The course fee is inclusive of the event proceedings, materials, refreshment and lunch.

2. Upon receipt of the complete registration form, invoice will be issued. Trueventus request that all payments be made within 5 working days of the invoice being issued. Full payment must be received prior to the event. Only delegates that have made full payment will be admitted to event. Clients are responsible for their own banking fees and banking fees will not be absorbed into the booking price.

3. Substitution & cancellations policy. Should the registered delegate is unable to attend, a substitute delegate is welcome at no extra charge. Written notifications of all substitutions is required 5 working days prior to the event. Trueventus contracts carry 100% full liability upon receipt of registration. Non payment does not constitute cancellation. A 100% of cancellation fee will be charged under the terms outlined below: Due to limited event seats, Trueventus agrees to book and confirm the seat for the client upon issuance of invoice. Upon signing of this contract, client agrees that in case of dispute or cancellation of this contract Trueventus will not be for total contract value. If a client does not attend the event without written notification at least 5 working days prior to the event date, he/she will deemed as no show. A no show at the event still constitutes that the client will have to pay the invoice amount that was issued to them. Trueventus does not provide refunds for cancellations. By signing this contract the client also agrees that if they cancel that Trueventus reserves the right to pursue monies owned via the use of local debt collection agency were the client is situated. Furthermore the client will be held liable for any costs incurred in collection of outstanding monies. When any cancellations are notified in writing to Trueventus 5 working days prior to the event, a credit voucher will be issued for use in future Trueventus events.

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8. All Trueventus events are held in a theater format in 4 to 5 star hotel venues.

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