



**4th Technology in Corrections
Virtual Conference:**

Disrupting Corrections

28-30 April 2021

**Programme
28 April
Wednesday**

16:00-16:15

Opening Addresses

Kathleen Van De Vijver

16:15-16:35

Key Note Plenary

Jan Kleijssen, Director, Information Society – Action against Crime, Council of Europe, France

16:35-17:00

Tom Herzog, Deputy Commissioner - CIO, New York State DOCCS (Retired), President & CEO, Tom Herzog Consulting, USA

17:00-17:15

Break & Exhibition

17:15-18:15

Armchair Discussion: The CEO view of Disruptive Technology in Corrections

Moderator: Steven Van De Steene

Roni Weinberg, VP Sales & Marketing, Attenti, Israel
Gad Tobaly, President, Global Tel-Link, USA
Francis Toye, CEO, Unilink Software, UK
Oliver Drews, Chairperson, Telio Group, Germany

18:15-18:30

Break & Exhibition

Red Room

Green Room

Blue Room

18:30-19:00

Theme: Preparing for the Future

Moderator: Simon Bonk

Preparing for the Future of Corrections: Panel Discussion

Chris Litton, Managing Partner, Gartner, Canada
Ashish Kakkad, Chief Technology Officer, San Diego County Sheriff's Department, United States

Theme: Virtual Reality

Moderator: Hakan Klarin

Virtual reality for the rehabilitation of intimate partner violence in prison

Nicolas Barnes, Psychologist, Mas d'Enric prison, Generalitat of Catalunya, Spain
Tania Johnston, Researcher / Clinical Psychologist, IDIBAPS, Spain

Theme: Disrupting Technology to support Staff Operations

Moderator: George Jackson

Improving security: Using serious gaming for training x-ray body scanner operators

Guido Swildens, Senior Lecturer and researcher, NHL Stenden University of Applied Sciences, Netherlands
Stefan Van der Veen, Technical Sales Manager, OD Security BV, Netherlands

19:00-19:30

Virtual Reality in Prison: what will the future look like?

Marina Caneva, Italy
Zvi Tubul-Lavy, Italy
Serena Bianchi, Italy

PrisoNet, Prison towards a new frontier

Dr Michele Quinto, Italy

19:30-19:45

Break & Exhibition

19:45-20:15

Theme: Enabling Virtual Work

Moderator: Jacques Hensen

Enabling Virtual Work in Corrections

Simon Bonk, Chief Information Officer, Information Management Services, Correctional Service Canada

Theme: Offender Management Modernisation

Moderator: Hans Meurisse

Correctional Service of Canada's Offender Management System Modernization Project

Dr Michael Bettman, Director General, Offender Management System Modernization and A/ Director General, Strategic Policy and Planning, Correctional Service Canada

Theme: Artificial Intelligence

Moderator: Pia Puolakka

Can Artificial Intelligence Be Used to Identify Suicide Risks In Prisons?

Prof Stephen Maher, Adjunct Professor, State University of New York, United States

20:15-20:45

Influence of informatization process on the effectiveness of personnel's work

Oleksandr Kuznietsov, Senior Lecturer, Academy of the State Penitentiary Service, Ukraine

Machine Learning in Corrections – Practical Use Cases for 2021

Christopher Ditto, Vice President, Research and Development, GTL, United States

Live Stream/Main Room

20:45-21:00

Closing Remarks *Kathleen Van De Vijver*

08:30-08:45

Opening Addresses

Kathleen Van De Vijver

08:45-09:45

Armchair Discussion: The Director General's view of Disruptive Technology in Corrections

Moderator: Hans Meurisse

Peter Severin, Commissioner, Corrective Services New South Wales, Australia

Kathleen Allison, Secretary for the California Department of Corrections and Rehabilitation, USA

Shie Yong Lee, Commissioner of Prisons, Singapore Prison Service

Phil Cople, Director General, Her Majesty's Prison and Probation Service, England and Wales, UK

09:45-10:00

Break & Exhibition

Red Room

Green Room

Blue Room

10:00-10:30

Theme: Disruptive Technology in Community Monitoring

Moderator: Puerto Solar

BIOSIS (Electronic Tracking and Monitoring via Biometric Verification Method)

Fatih Güngör, Judge-Head, Foreign Relations Department, Ministry of Justice, General Directorate of Prisons and Detention Houses, Turkey

Theme: Artificial Intelligence - State of Play

Moderator: Hakan Klarin

Exploring the Reality of Artificial Intelligence (AI) Disruption

Steven Van De Steene, Corrections Technology Consultant & Researcher, The Montfort University, United Kingdom | Smart Corrections, France
Pia Puolakka, Project Manager, Criminal Sanctions Agency, Finland

Theme: Digital Innovation in the Technological Ecosystem

Moderator: Victoria Knight

Scaling Digital Innovation

Gary Tan, Project Director, Rapid Labs, NEXT Digital, NCS Pte Ltd, Singapore
Ser Leng Kuai, Industry Lead, Homeland Security, NCS Pte Ltd, Singapore

10:30-11:00

The Offender Smart Watch: Taking Electronic Monitoring to the next level by adding Communication and Intelligence in the Bracelet

Pierre Blondeau, Co-founder & CEO, Upstream Belgium
Luciano Trunzo, Co-founder & CTO, Upstream Belgium

Ecosystem Platform enabling corrections Beyond the Walls

Jamie Chua, Lead Consultant, Consulting, NEXT Digital, NCS Pte Ltd, Singapore
Ser Leng Kuai, Industry Lead, Homeland Security, NCS Pte Ltd, Singapore

11:00-11:15

Break & Exhibition

11:15-11:45

Theme: Virtual Reality

Moderator: Puerto Solar

Virtual Reality to prevent reoffending in matters of Intimate Partner Violence (IPV)

Géraud De La Brosse, Innovation Project Manager, French Prison Service

Theme: Artificial Intelligence - Practical Examples

Moderator: Marjan Lukavečki

A real AI system to help Alcohol Monitoring Programs

Miguel Arias, Alcosystems Sweden AB, Co-founder & CEO, Sweden
Michael Trimarchi, Amarula Solution, CEO, Italy

Theme: Changing the Video Conferencing Landscape

Moderator: George Jackson

Video Conferencing and Musical Interaction: a new dimension for rehabilitation and well-being

Francis Toyé, Founder and CEO, Unilink Software Ltd, UK
Robin Harris, Founder and Creative Director, Finding Rhythms, UK

11:45-12:15

Automatic Contraband Detection Assistance using Deep Learning

Dr Klaas Dijkstra, Associate Lector, NHL Stenden University, Netherlands

Prison Video Tools Landscape - unwelcome necessity or step into the future?

Sinead Dillon, Head of Justice, Core Systems, UK

12:15-12:30

Break & Exhibition

Live Stream/Main Room

Panel Discussion: Disruption in Corrections - a Catalyst to Innovation

Moderator: Iren Irbe

12:30-13:00

Improved Communication and Efficacy Management Strategies in a Covid World

Melissa Waldock, Corrections Manager III, Kansas Department of Corrections, USA

Susan Peavler, Parole/Probation Officer, Missouri Department of Corrections, USA

13:00-13:30

Rapid Responses to Technological Business Demands: Correctional Service Canada's Response to Covid-19

Ali Al-Munayer, Manager of Innovation, Correctional Service Canada

Simon Bonk, Chief Information Officer, Information Management Services, Correctional Service Canada

13:30-13:45

Closing Remarks *Kathleen Van De Vijver*

**30 April
Friday**

01:00-01:15

Opening Addresses

Kathleen Van De Vijver

01:15-02:15

Armchair Discussion: The Academic view of Disruptive Technology in Corrections

Moderator: Steven Van De Steene

Mark Wood, Lecturer, Deakin University, Victoria, Australia

Victoria Knight, Associate Professor of Research, Community and Criminal Justice Health and Life Sciences, De Montfort University, Leicester, UK

Bianca Reisdorf, Assistant Professor, Department of Communication Studies, University of North Carolina at Charlotte, USA

Anu Masso, Department of Innovation and Governance, Tallinn University of Technology, Estonia

Prof. Stuart Ross, Enterprise Professor, University of Melbourne, Australia

02:15-02:30

Break & Exhibition

Red Room

02:30-03:00

Theme: Innovative Technologies

Moderator: Kuai Ser Leng

Innovation – Creating A Fully Autonomous Security Vehicle – Eastern Goldfields Regional Prison

George Raphael, Australia

Elliot Nicholls, Australia

Queensland Corrective Services Virtual Personal Visits

Todd Johnson, Manager, End User Computing (IT Service Centre), Queensland Corrective Services, Australia

03:00-03:30

The authentic voice of people with lived experience of prisons - New opportunities with video-conferencing in Australia

Luke Grant, Deputy Commissioner, NSW Department of Communities and Justice, Australia

Green Room

Prison Education & Programming

Moderator: Jarrod Letch

Fast Cars and Fast Learning: Using Virtual Reality to Learn Literacy and Numeracy in Prison

Jimmy McLauchlan, Business Development Leader, Methodist Mission Southern, New Zealand

Helen Farley, Practice Manager Education and Training, Department of Corrections New Zealand

Challenging Norms, One Tech-Experiment at a Time: Singapore Prison Service's Experience with Interactive E-learning, E-Forms and Tele-counselling

Sarah Joseph, Psychologist, Programme Design and Evaluation Branch, Singapore Prison Service
Yasmin Ahamed, Assistant Director, Singapore Prison Service

Blue Room

Theme: Artificial Intelligence in Offender Management

Moderator: Michael Airton

Optimal population management by Advanced Prescriptive Analytics

Dr Mohammad Shahabsafa, CEO, Optamo LLC, USA

Prof Tamas Terlaky, President, Optamo LLC, USA

03:30-03:45

Break & Exhibition

03:45-04:15

Theme: Opportunities and Limitations in Asia

Moderator: Kuai Ser Leng

Technology in Indian Correctional System: Opportunities and Limitations

Dr Upneet Lalli, Deputy Director Institute of Correctional Administration, India

04:15-04:45

The Virtual Realm (E-DALAW): Using Virtual Platforms in the Proceeding of Cases for Persons Deprived of Liberty (PDL) in Philippine Jails, Interactions between Families of PDL and Work-Relations of Personnel

April Rose Ayangwa, Jail Chief Inspector, Bureau of Jail Management and Penology, Philippines
Jake Basilan, Attorney, Philippines

Theme: Smart Prisons

Moderator: Jarrod Letch

The Smart Humane Jail that Sees You

Frank Greene, FAIA, Vice President Justice Lead, STV Inc., USA

Data Foundation and Structured Intervention Units

Tommy L'Ecuyer, A/Manager, OMS LTE, Correctional Service Canada
Francis Guèdègbé, Director, Digital Services, Correctional Service Canada

Theme: Embracing Disruptive Technologies

Moderator: Michael Airton

Embracing Disruptive Technologies in the Singapore Prison Service

Dominic Karl Fernandez, Senior Assistant Director, Trans-Tech Planning & Services, Singapore Prison Service

It's the Talk of the Town

Alisha James, CEO, James Group Consulting, USA

04:45-05:00

Break & Exhibition

Live Stream/Main Room

05:00-06:00

Armchair Discussion: The CIO view of Disruptive Technology in Corrections | Moderator: Simon Bonk

Stine Hegelund Bertelsen, IT Director, Department of the Prison and Probation Service, Denmark

Ashish Kakkad, CIO, San Diego County Sheriff's Department, USA

Tom Herzog, Deputy Commissioner - CIO, New York State DOCCS (Retired), President & CEO, Tom Herzog Consulting, USA

Hakan Klarin, CIO, Swedish Prison and Probation Service

Soh Beng Koon, CIO, Singapore Prison Service

06:00-06:15

Conference Conclusion and Final Words: Kathleen Van De Vijver