Fighting COVID-19 Beyond the lockdown
Back to Business in Airport Operation and Global Travel

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A Global Challenge

Quarantine, isolation and shutdown are not sustainable.
Cross-border reopen is extremely difficult
A global framework based on the shareable health status across borders is needed

- The solution should be simple and easy to use
- Data is accurate, traceable and reliable.
- Data ownership and privacy are secured and protected by technology to avoid domestic and international legal issue.
- Health status code can be integrated into existing solutions.
- The platform should be open and flexible to fit into various communities and governance models.
Personal Health Status Code

Color-coded
Temperature Assessment Geo-location

Green – normal temp
Yellow – data expired
Red – likely positive
Multiple Data Types and Entry

Body temperature tracking
Lab test assessment (PCR, Vaccination)
Digital passport with built-in yellow card
BlockChain and DLT: Data Privacy & Security

Secured by blockchain
- Distributed Ledger Technology
- Decentralized Identity (DID)
- Verifiable Credentials
Airport Operation Scenarios

Passengers
- Maintain daily green status from booking to landing
- PCR and vaccine status and expiration
- Contact tracing capability

Staffs
- Maintain daily green status all the time
- Maintain green working environment
- Contact tracing capability
Airport Operation Scenarios

Operators

- Integration with booking process
- Integration with on-boarding process
- Sharable with destination authorities
- Contact tracing capability
- Dashboard and statistics
Challenges and Opportunities

Technologies
- Interoperability
- Data standard
- Trusted data sources
- Open interface integration
- Decentralization
- Usability to all users

Operations
- Government policies
- Customs regulations
- Industry alliances
- Data privacy and security
  Compliances
- Political factors
Beyond the Airports

Build the global framework with global alliance to cover close loop scenarios in the new normal era

• Airport and Airlines
• Hotel & Tourist destination
• Events & Sports
• Olympic games
• …
THANK YOU

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