

Covid – 19 passports

- We don't yet have an agreed and defined problem to solve
- The requirements are fluid and change daily
- There are more Covid passport solutions floating around than the number of hot dinners I have had
- We can learn from payments solutions

All Rights Reserved. Copyright Avoco Secure Ltd 2021



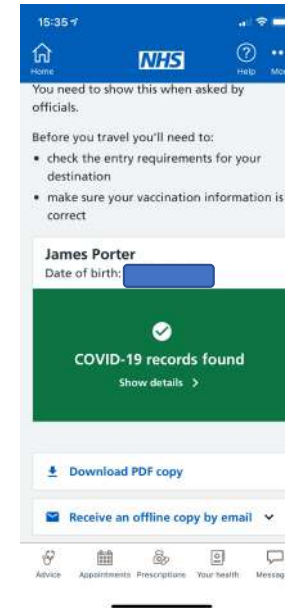
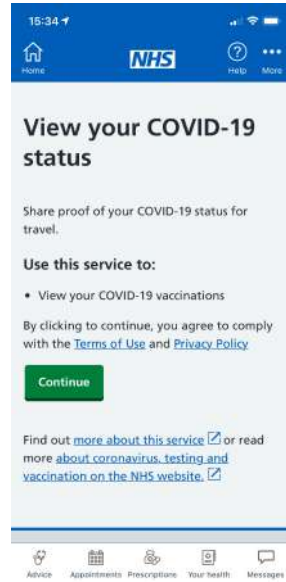
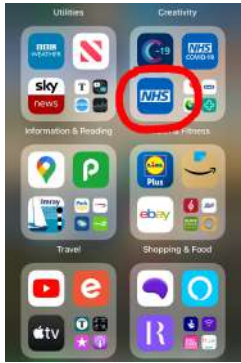
Sandy Porter

Contact: sandy.porter@avocosecure.com +44 791 7507636

Covid – 19 passports

COVID-19 Passports/passes should be offered via multiple channels, as required by the service/citizen:

- As an ePass on a mobile device
 - As a cold pass, in paper format, either printed out by the citizen or via associated scheme operators, e.g. Post Offices
 - On wearables
- The COVID-19 claim should be verifiable using a QR code / Aztec code
 - It should ideally connect back to the service to show details of the claim
 - The QR code should be able to be scanned using any mobile camera and the signature can be validated.



The current UK - NHS passport journey Using the NHS App

It can be saved to PDF or paper

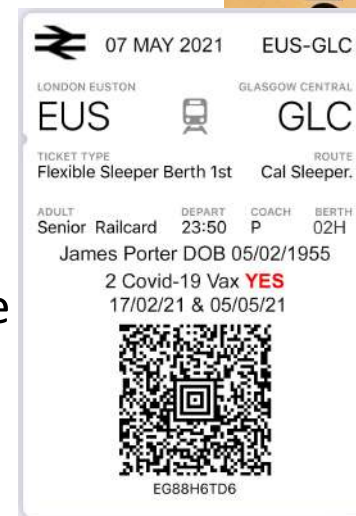
Any government app should push the attributes to Apple & Google wallets :

- Reduces friction
- Cuts support issues
- Will improve speed of checks at borders and events
- Users suffer App fatigue so avoid yet another new App



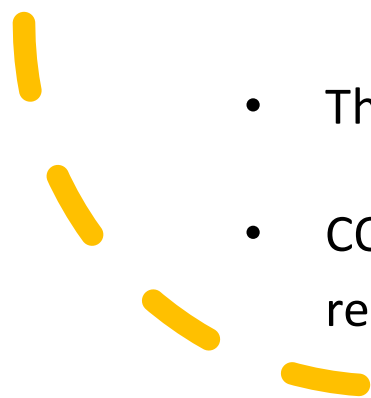
Combine ticketing with Covid passports

- 75% of the UK population using online banking and 97% have a bank account.
- Using Open banking and adding the covid passport attribute would enable users to be identified and verified on a transaction basis
- Works for domestic venues and international airline ticketing
- Works both as an ePass on a mobile device and as a cold pass in paper format





- We don't need biometrics etc.....Fines of £15,000 or 6 months jail will stop nearly all abuse!
- Vaccines are not likely to be 100% effective and nor will a passport be either
- Friction, usability, connectivity and interoperability will be major issues
- The majority of the world does not own a smartphone
- COVID-19 passes must be offered via multiple channels, as required by the service/citizen if it is to work at a local and level



Contact: sandy.porter@avocosecure.com +44 791 7507636