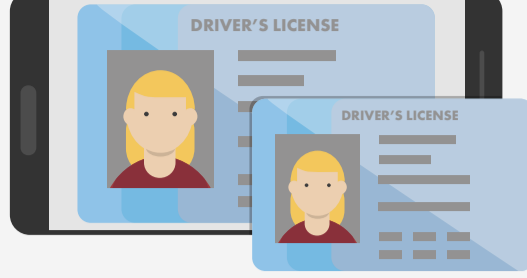


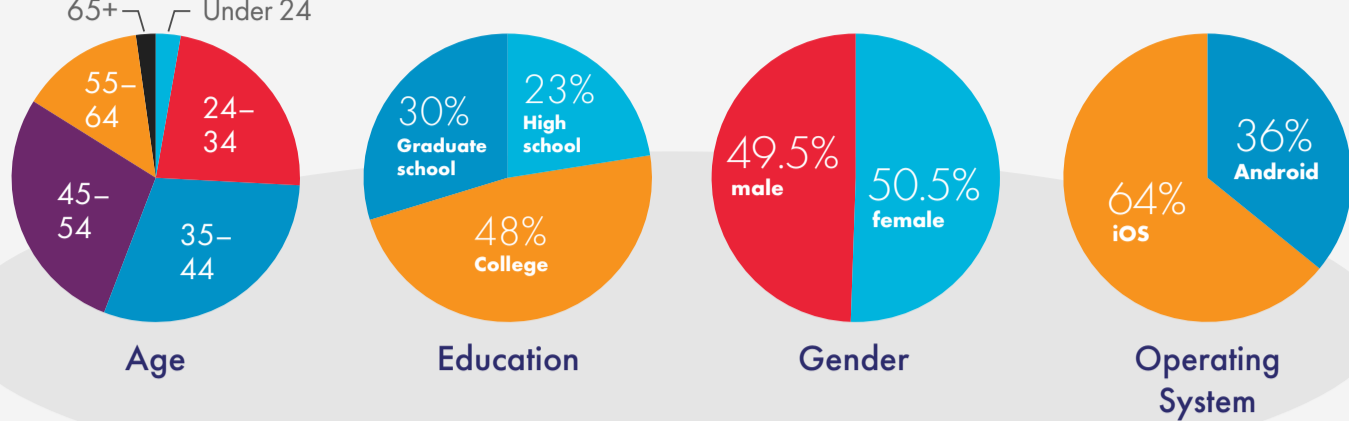
DIGITAL DRIVER'S LICENSES

What can we learn from the first multi-state DDL Pilot?

As part of a two-year pilot program sponsored by the National Institute of Standards and Technology (NIST), **DIGITAL DRIVER'S LICENSES** are being tested across Colorado, Idaho, Maryland, Washington DC and Wyoming.



Who participated?

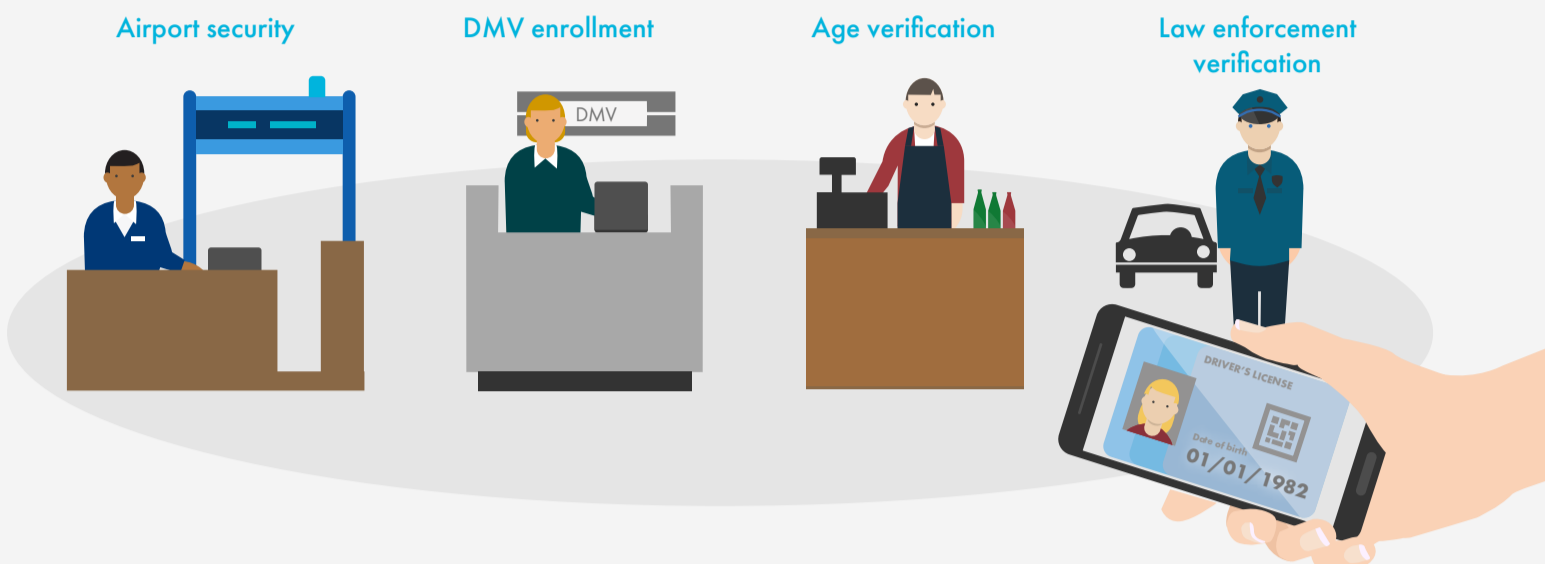


58% of participants identified themselves as early adopters of new technology

85% of participants had used some digital payment technology, like Paypal, the Starbucks app or Apple Pay, and 53% had used mobile boarding passes

98% of participants carried their DL most or all of the time (85% all, 13% most of the time, 1% sometimes)

In what scenarios was the DDL tested?



Where was the DDL tested?

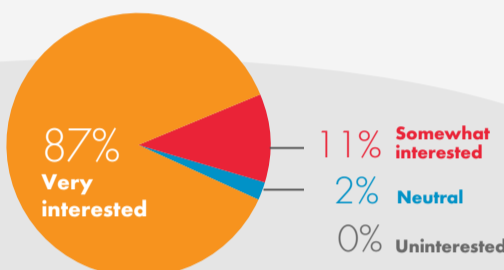


What did we learn?

People want a DDL

- The overwhelming majority of participants are very interested in having a DDL option
- Interest is high across age and gender categories

How interested are you in having the option to use a digital driver's license in addition to your physical driver's license?



The majority of participants perceived value in having a DDL

- Over half the participants said they would be willing to pay to have a DDL
- The average amount they would be willing to spend is \$16
- This willingness is consistent across age, gender and tech adoption groups

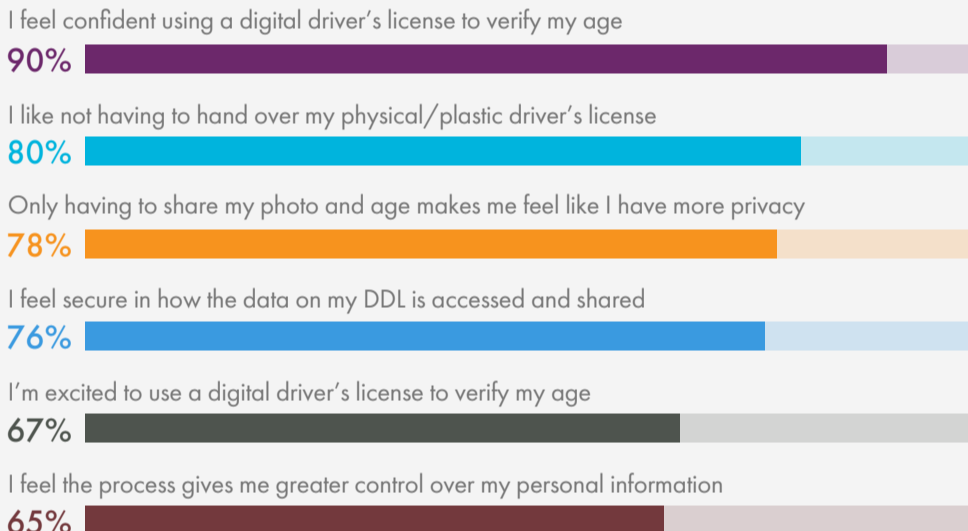


The key perceived benefits of a DDL

- Freedom** – leave your physical wallet at home
- Peace of mind** – know your DL/ID is always on your phone as a backup
- Convenience** – 89% said the DDL is more convenient than a physical driver's license because you always have your phone with you
- Security** – your personal data is protected and only accessible via PIN or fingerprint access
- Privacy** – information sharing can only be initiated by you, and information not relevant to the transaction remains hidden and is not exchanged

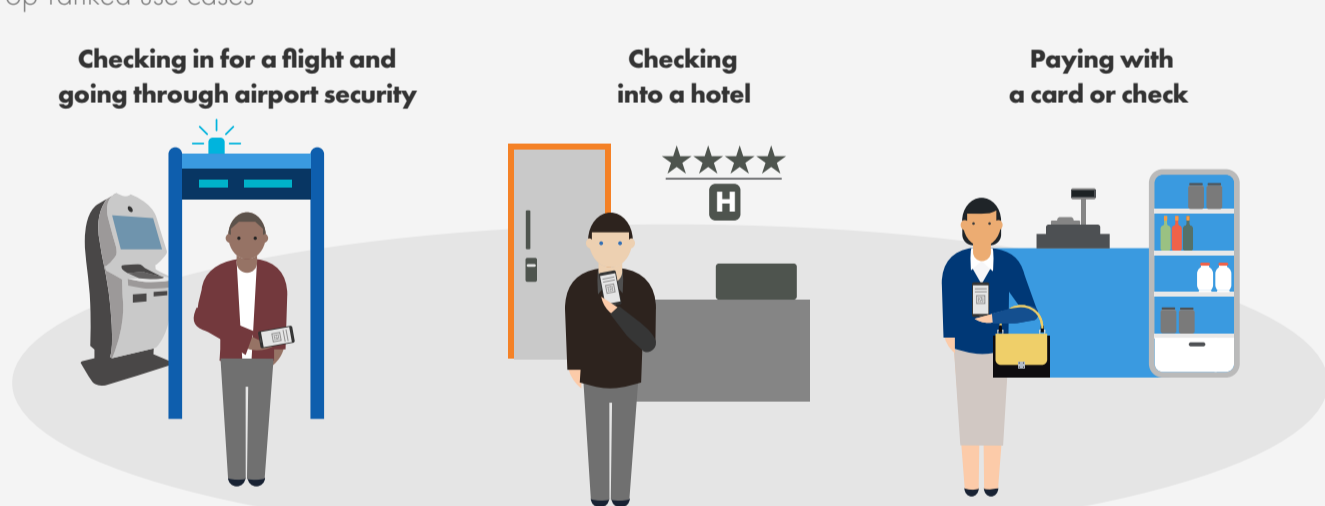
DDL impressions

- 9 in 10 participants indicated they felt confident using the DDL to verify age, while 4 in 5 liked not having to hand over a physical license

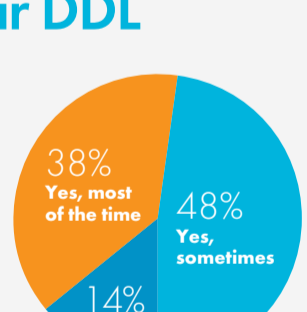


DDL found most useful in common ID verification scenarios

Top-ranked use cases



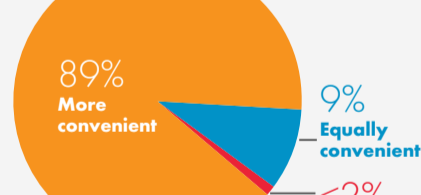
Most users would still carry a physical driver's license with their DDL



Would still carry physical DL

This reinforces the concept of using both credential forms in tandem based on the given scenario and user preference.

But a DDL is more convenient

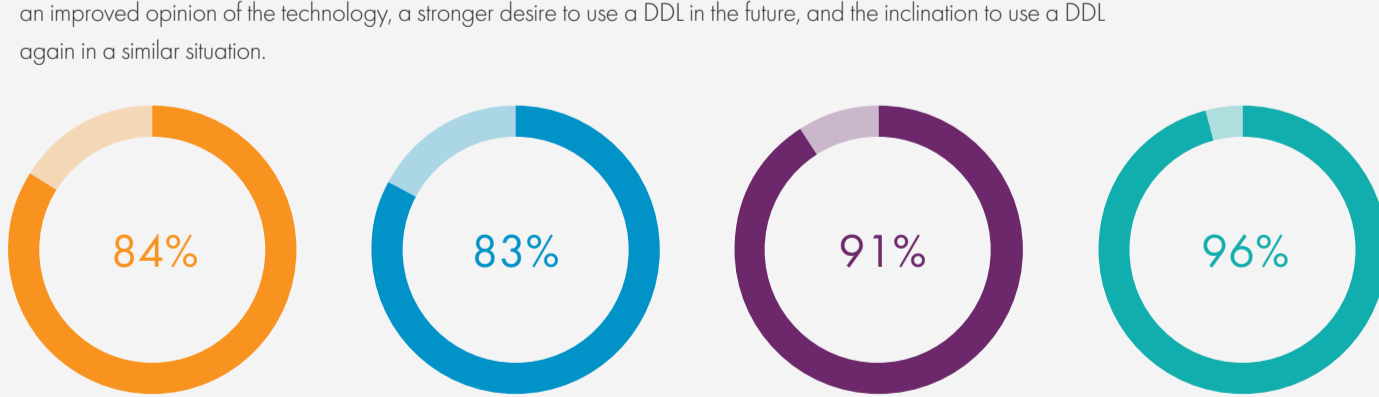


DDL convenience

The general public agreed

Feedback from a random sampling of the general population was also gathered after arts festival passersby, DMV patrons, and baseball game attendees were invited to experience a DDL demo first-hand.

- After participating in demo events, more than 4 in 5 users had positive impressions of the convenience of a DDL, an improved opinion of the technology, a stronger desire to use a DDL in the future, and the inclination to use a DDL again in a similar situation.



The overall DDL experience was overwhelmingly positive



DDL users have said...

"I always use a digital boarding pass. This is a great addition."
– Airport Event Attendee, Wyoming

"We're certainly open to new technologies to make the licensing process better... for the customers, for the police, and for all other stakeholders."
– Maryland Transportation Authority Police

"After seeing the demo, I think the learning curve for my staff to use it would be extremely small."
– Wine & Spirits Store Manager, Colorado

"It's a positive move for identification and advancing electronic IDs."
– Highway Patrol Event Attendee, Wyoming

Thales received a two-year grant from the US National Institute of Standards and Technology (NIST) to pilot the development of a smartphone-based credential, which will act as a secure companion to a physical ID. This interoperable pilot will run over the course of the next year in multiple US jurisdictions, and explore four main use cases, namely DMV enrollment and issuance, updates to the credential once it's in the field, selective attribute sharing, and law enforcement verification.

Learn more at www.thalesgroup.com/ddlpilot