



# EdExchange – a pilot's journey



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# Credential Evaluation

# Credential Evaluation State

- Receive Paper & PDFs
- Thousands of Documents per Month
- Documents Supplied by Learner or Institution
- Often Need Verification
- Fraudulent Documents
- Documents are Scanned
- Terabytes of Stored Data

# The Solution is Data

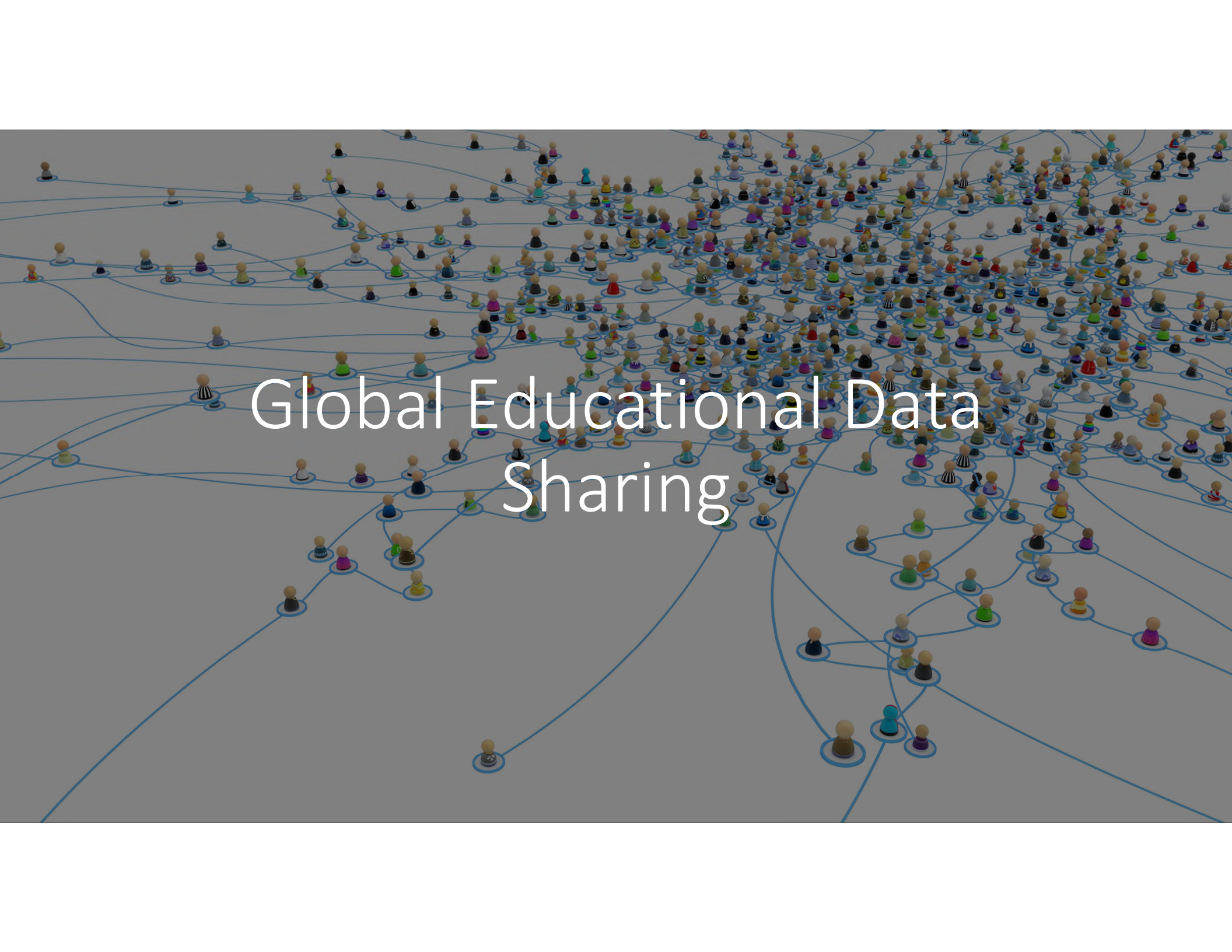
- Trusted & Authenticated Data Sources
- Secure Transmission
- Digitally Signed Data

# Promise of Educational Data

- Easy to Store
- Eliminate Verification
- Eliminate Fraud
- Significant Reduction in Data Entry

# Improved Learner Experience

- No Documents Supplied by Learner
- Instant, Verified Data
- Significantly Faster Results

The background of the slide is a complex network graph. It consists of hundreds of small, stylized human figures (nodes) scattered across the frame. These nodes are interconnected by a web of thin, light blue lines (edges). The density of the connections is higher in the center and right side of the image, while the left side is more sparse. The nodes themselves are multi-colored, including shades of blue, green, yellow, orange, and grey. The overall effect is one of a vast, interconnected global network.

# Global Educational Data Sharing

# Where are We Now

- Canada – GDN Project
- CHESSIC – China
- Digitary – Europe/Australia & New Zealand
- EMREX – Europe
- Erasmus w/o Paper – Europe
- My eQuals – Australia and New Zealand
- NAD/CDSL – India



# Characteristics of Success

- Communications Platform
- Global Directory
- Global Institutional Identifiers
- Based on Learner Consent
- Standardized Content

PESC

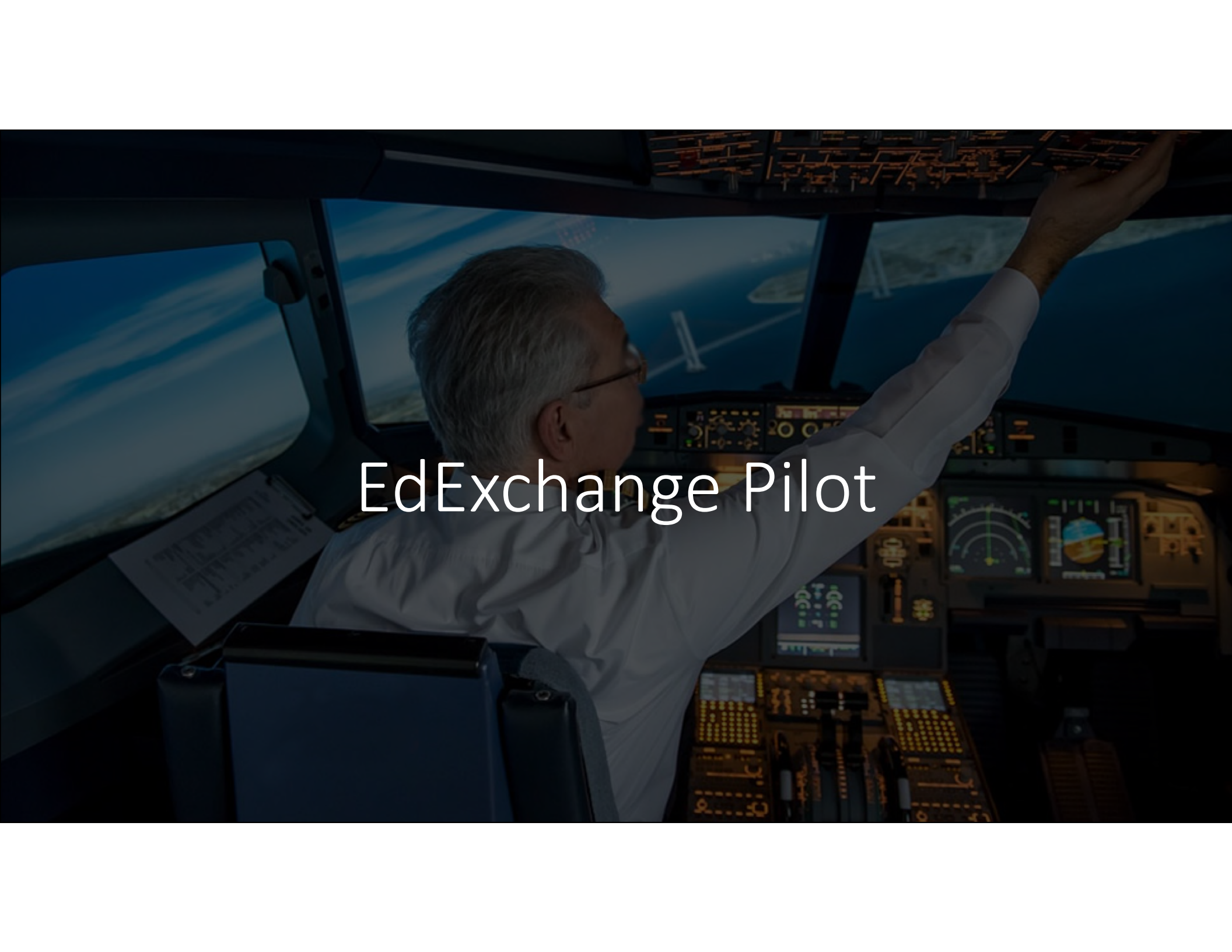
EdExchange

EdExchange

GEO Code

PESC Standards

PESC Standards

A photograph of a pilot in a cockpit, viewed from the side. The pilot is wearing a white shirt and glasses, and is reaching up towards the overhead panel. The cockpit is filled with various instruments, dials, and screens. The view out the window shows a blue sky and a distant horizon. The text "EdExchange Pilot" is overlaid in white, centered on the image.

EdExchange Pilot





# Standards & Protocols

# Allow us to...

- Share information with agreed language
- Support a shared understanding
- Manage and mitigate risk
- Assimilate information quicker and easier

# Our challenge

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- Potential high up-front cost
- Value realisation can be over-the-horizon
- Bias towards what we already know
- "but we already have a way to do that"

A black and white photograph of a vast aircraft manufacturing plant. Rows of bombers, likely B-29 Superfortresses, are lined up on the assembly line, receding into the distance. The aircraft are four-engine propeller planes with high wings. The hangar is enormous, with a high ceiling supported by a complex network of steel beams and numerous long fluorescent light fixtures. On the right side, there are multi-level work platforms and various pieces of equipment. The floor is concrete, and the overall atmosphere is one of large-scale industrial production.

Pilot != Production

- Learn from our shared experiences
- Change the language
- Integrate deeply
- Avoid the last 10% trap



A woman with long brown hair, wearing a black long-sleeved shirt, red leggings, and a grey headband, is running on a city street. She has a race bib with the number 432 and the text "Lori Sholler Veterans Day 5K" pinned to her shirt. The background shows a city street with a building that has large windows and a sign that says "ARTISAN CENTER". The text "Our goals" is overlaid in the center of the image.

Our goals





Explore and understand our use cases



Align our goals – these will overlap,  
but may not be the same



Identify primary goals as a part any  
interaction

# EdExchange Pilot

ON  
Evaluators

Place Requests

Create new requests

Message  
Exchange  
requests

View completed requests

View request information (PES)

View details about request

View info in PES board

View requested information in PES board

Build response to the request

Substitute PES data to send as request

Fill PES with data to response

Fill PES with data to response

Fill PES with data to response

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Fill PES with data to response

Fill PES with data to response

ON  
Learners

Notification of requests

Decrease own about request

Update copy about request

View details of request

View PES for current page (test)

Confirm PES (check box)

View and select data to contact on

"Consent model"

View consent page

View details of request

View PES for current page (test)

Confirm PES (check box)

View and select data to contact on

Provide consent response (Y/N/M)

Display confirmation page

Associate message to display times ID

Sends to N/S

Sends to N/S

Sends to N/S

Sends to N/S

Sends to N/S

Sends to N/S

Sends to N/S

Sends to N/S

Sends to N/S

## Outcomes

- ① Pilot ECE.
- ② Demo version.
- ③ Contribute

## Learners

- Only signed & active docs
- NOT revoked docs.\*

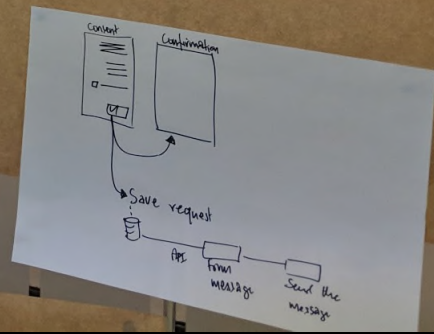
Important

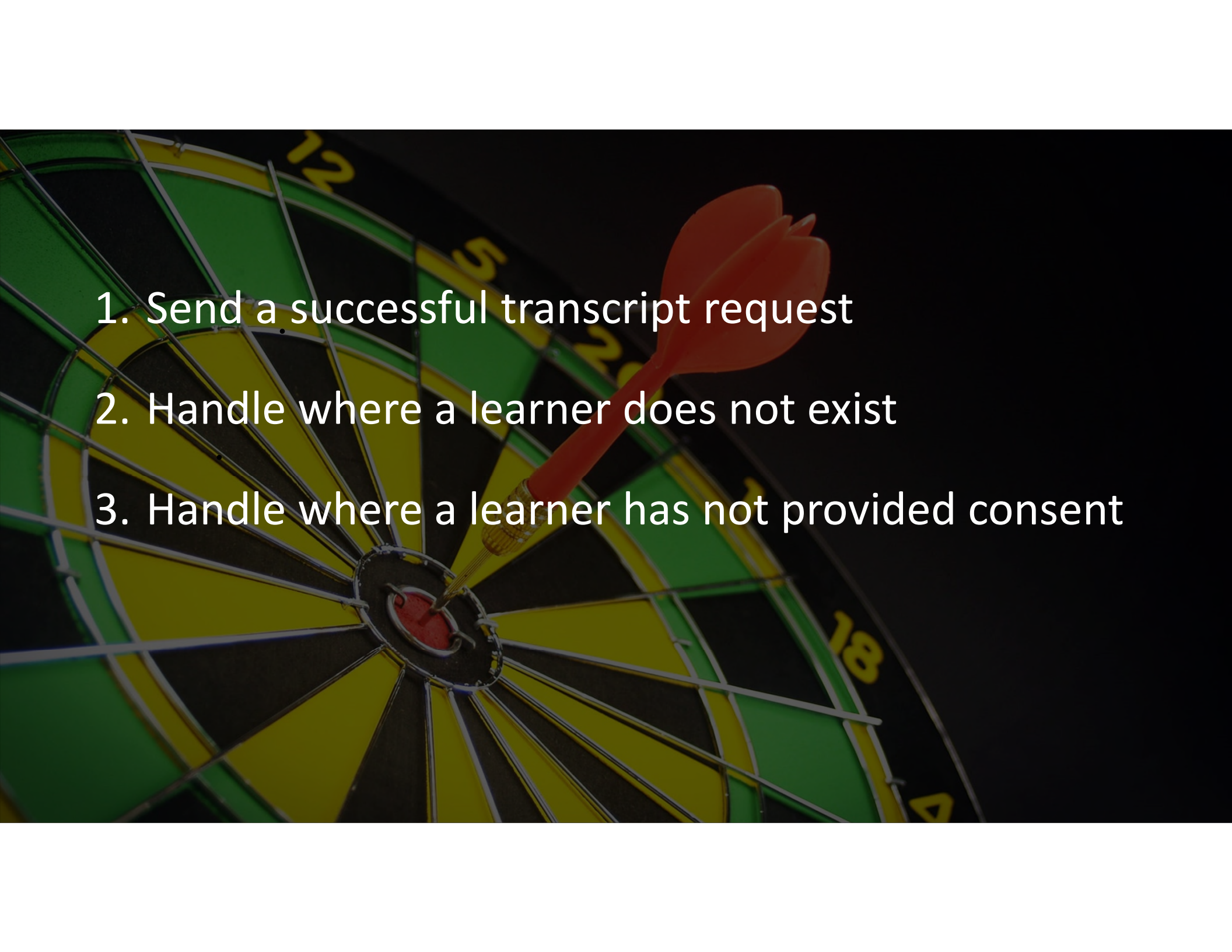
- Consent model → UI + comms
- PESC response & ask
- Pls Language & codes

Plus copy (62)

Send request to PES board (11)

Receive request from evaluation (11)



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- A close-up photograph of a dartboard with a red dart hitting the bullseye. The dartboard has green and yellow segments with numbers like 12, 5, 2, 18, and 7 visible. The background is dark.
1. Send a successful transcript request
  2. Handle where a learner does not exist
  3. Handle where a learner has not provided consent





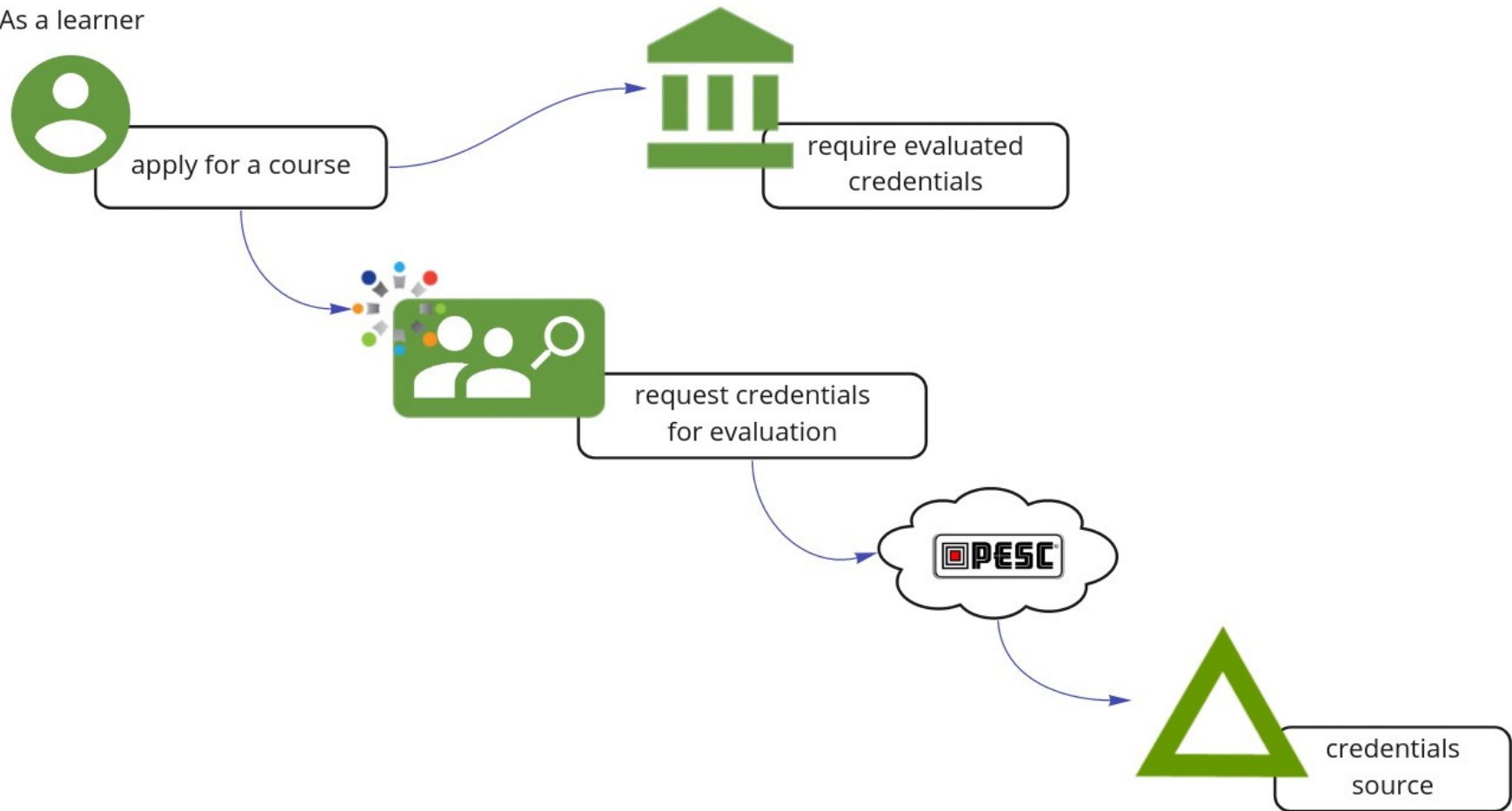
As a learner...





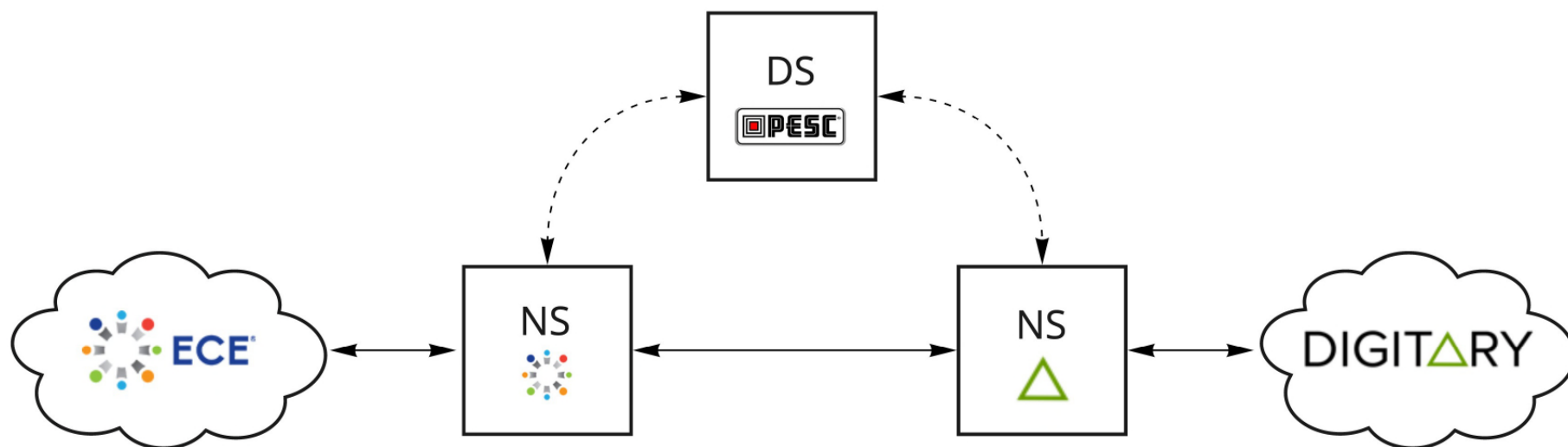
*"...I want to pursue further study so that  
I can reach the next stage in my career"*

As a learner





Critical interactions





# Learner consent



**Protect**

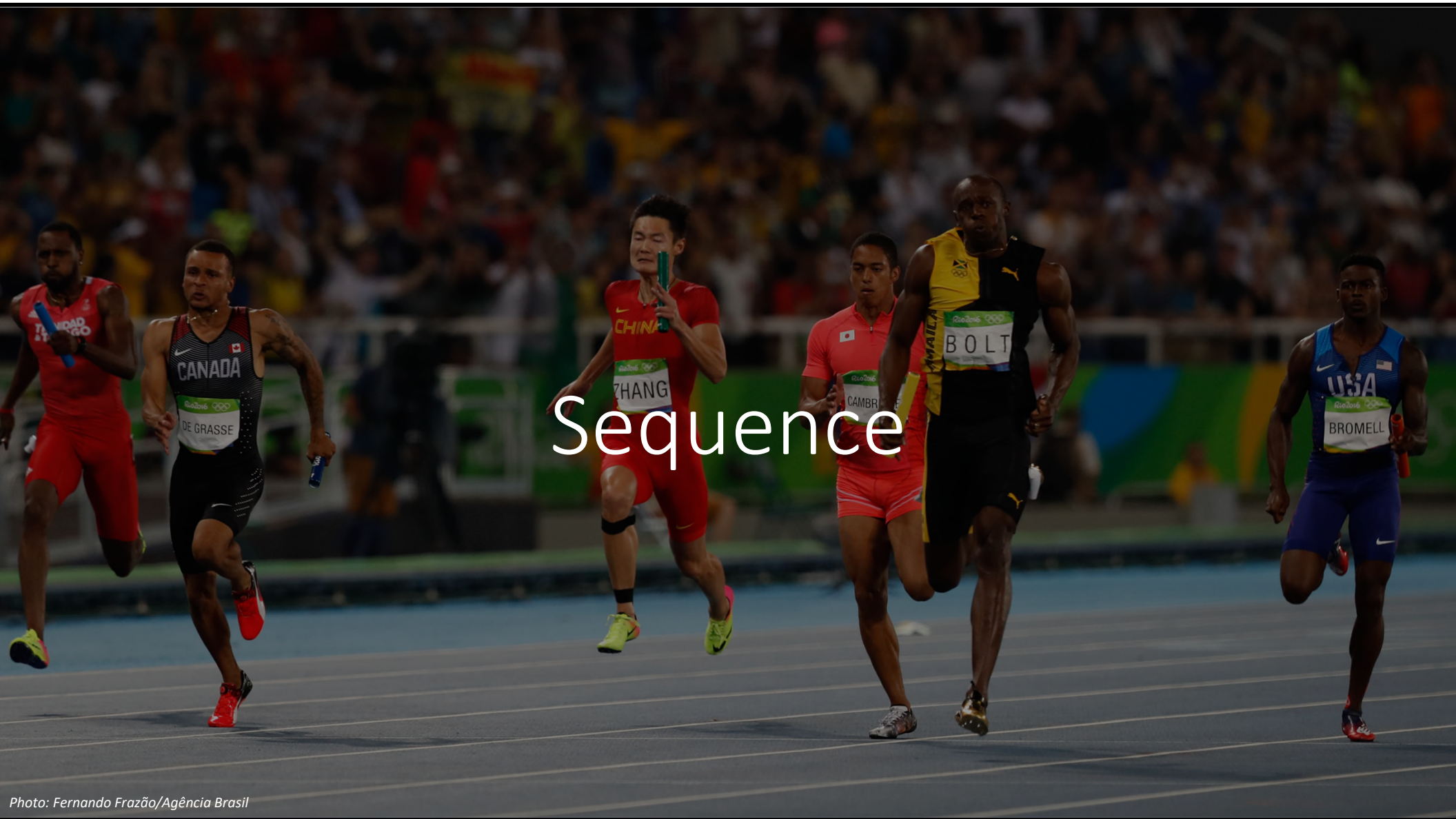
Protect the data subject – the learner

**Notify**

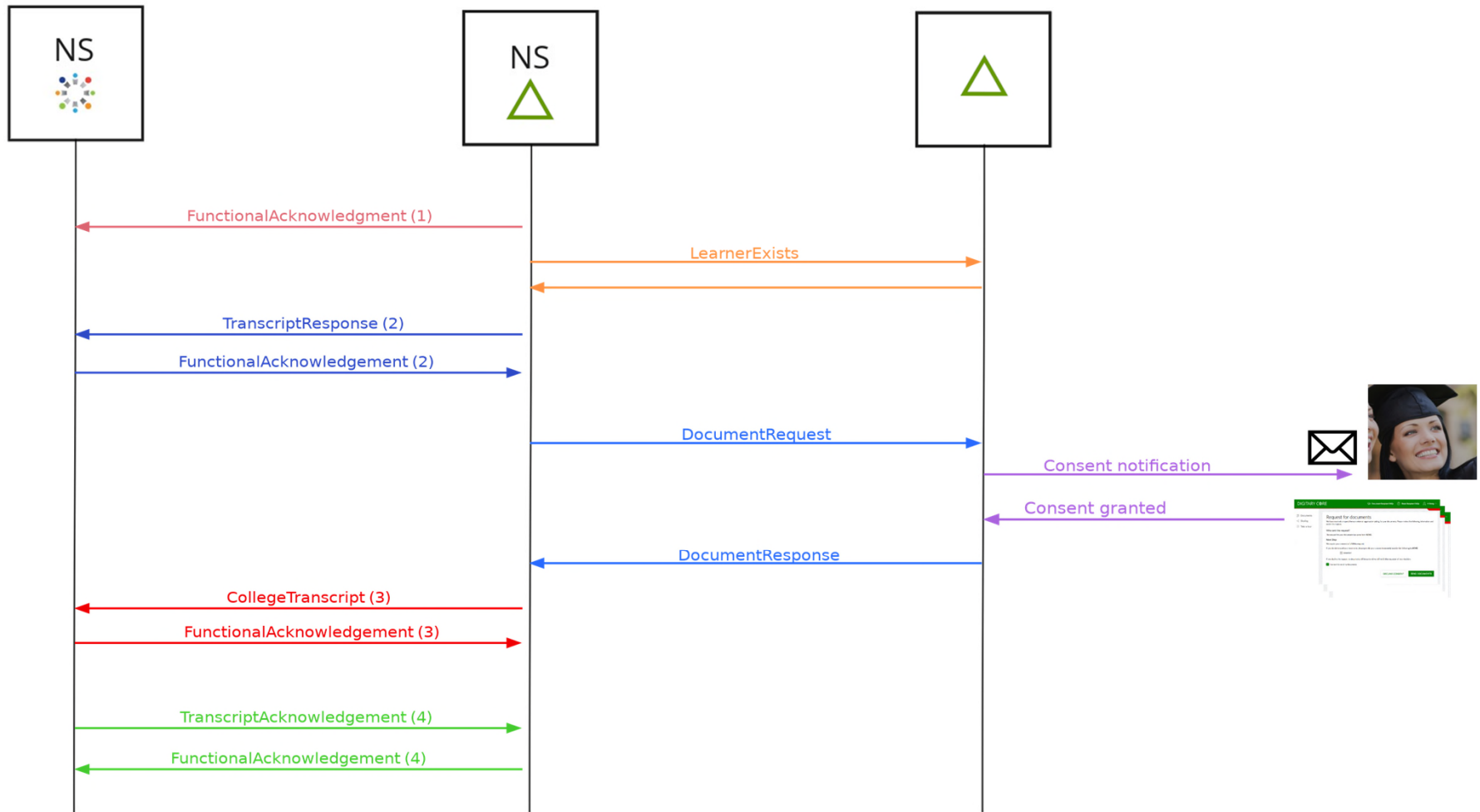
Notify the learner that a request has been received

**Inform**

Clearly indicate what is asked for and who is asking



Sequence





Community





How do we measure success?

- Bridge those discreet islands and paired silos
- Integrate deeply into your environments
- Reframe to the learner journey – consider the experience not the feature
- Continue engagement with the group
- Share your learnings
- Evolve the standard and move from pilots to production





DIGIT $\Delta$ RY

# Thank you



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