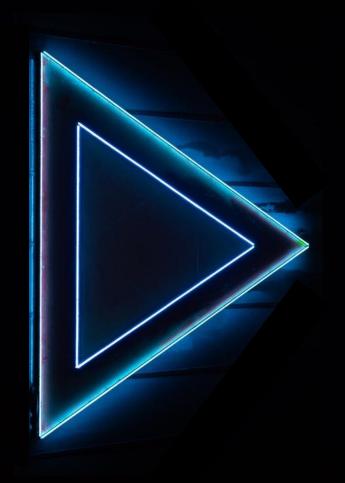




Growth trajectory

2017

Cloud-scaled RPA



Today

Industrialised innovation factory

70+

Solutions built and deployed

50m+

Items & cases processed

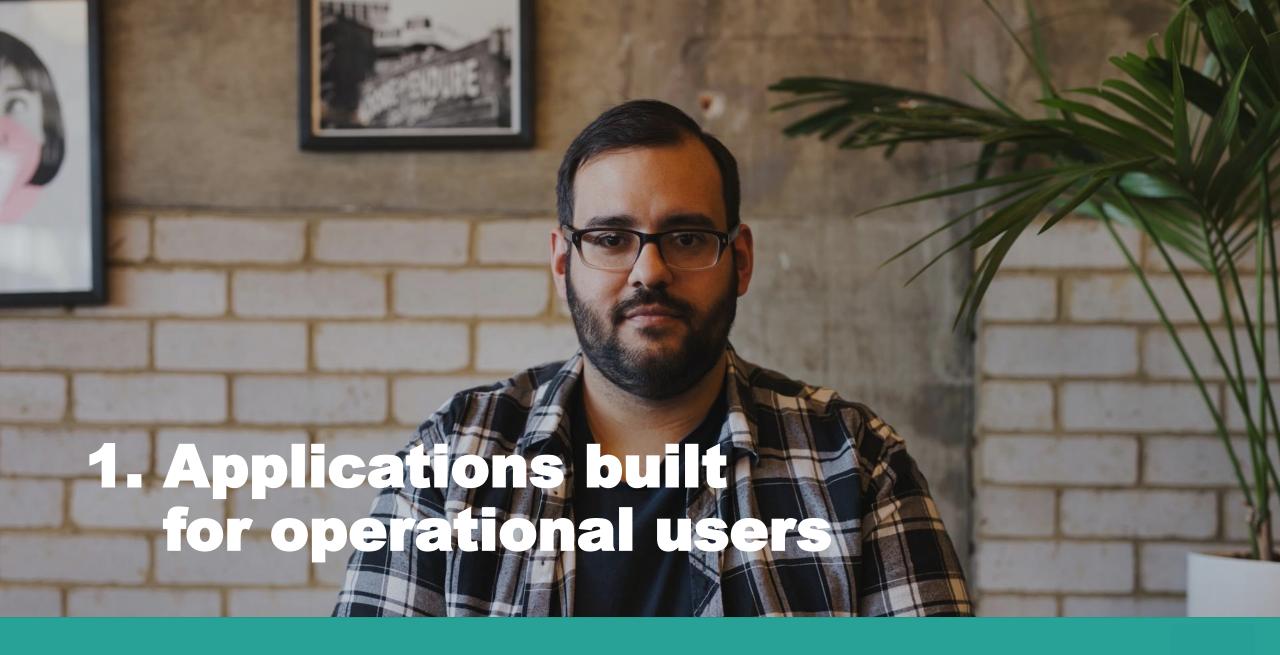
3m

People hours saved

Unlimited

Virtual workforce





Example: 01

Bundle Builder

Context

Customers can appeal the claim amount they are awarded.

A tribunal rules on the award.

A mass of documentation takes resource and time:

- 1 per day
- 100k per year



Outcomes

1,000+

Colleagues supported

287k+

Digital bundles

187k+

Operational hours saved

26

Benefit areas onboarded

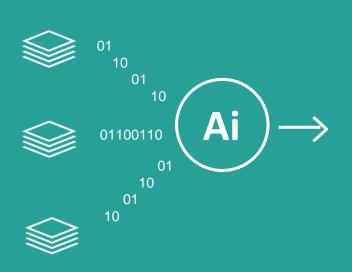
16m

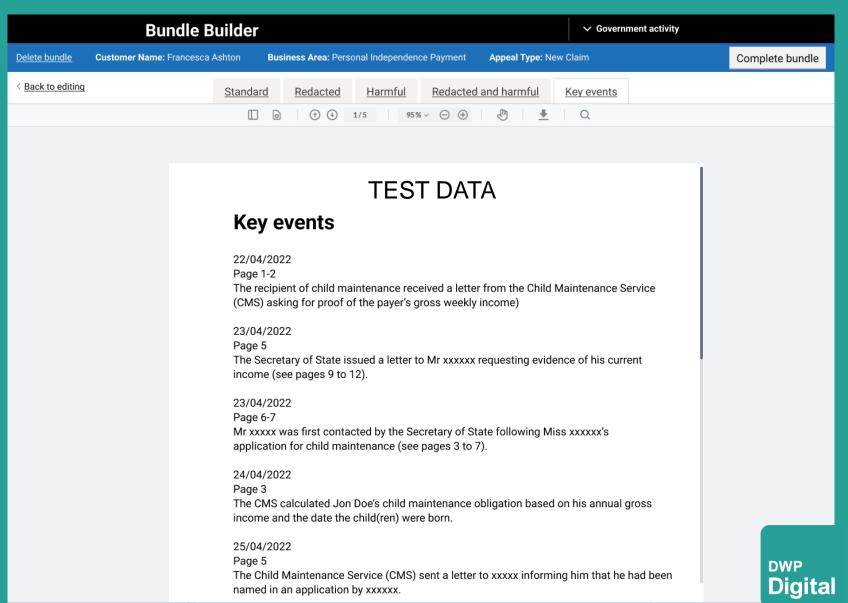
Sheets of paper saved

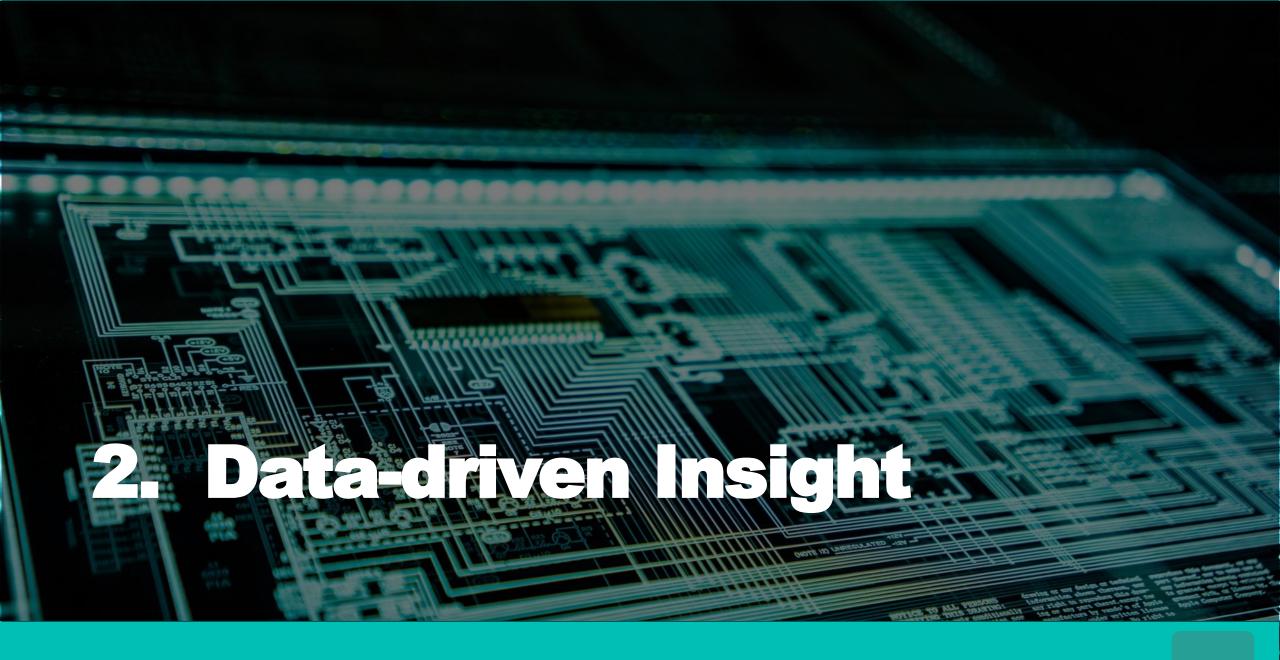
1,900

Trees saved

Al reads, recognises and curates 1000s of documents







Analysis and insight at scale

24 million

Per year

8 million

Miscellaneous aka white mail



Greater risk of failing to help our most vulnerable claimants in time.

Detect vulnerable claimants.

And

Understand what claimants are writing to us about

We will process 22k documents a day to detect vulnerable claimants and attain insight in real-time.



How?



Able to "read" hand-written and typed text from documents in **real time @scale** (~22K letters per day).



Implemented Large Language Models (Gen AI) for Vulnerable claimants detection & generation of insights.



Scales to demand and only incurs cost when being used





Use of AI, model bias and security controls all reviewed and DWP approved.



Fully DWP Security approved solution



Collaboration with **Digital Channels** team

Employment Support Allowance (ESA) Online

Improving an existing solution with a Large Language Model





Today:

- Live since July 2020
- o 735,000 cases processed
- 40,000 hours saved

But

Medical conditions entered as free text in ESA claims, must map correctly to medical conditions maintained by DWP.

Only 35% accuracy so agents update

65% of the cases manually.

And ...

Time consuming and frustrating for agents

For example	
-------------	--

Medical condition entered by Claimant

Incorrect mapping from fuzzy matching

Chronic renal failure

Correct mapping using Large Language model

Chronic fatigue

Chronic fatigue syndrome Chronic renal failure

Coma

CFS (Chronic Fatigue Syndrome)*

Post- traumatic stress disorder*

Complex PTSD

High Cholesterol

Blood Pressure

Fatigue

Asthma

Torn rotator cuff (repair)

High blood pressure

Termination of Pregnancy

Severe hypertension

Rotator cuff injury or syndrome

Severe asthma

Partial sight

Amputation part only foot

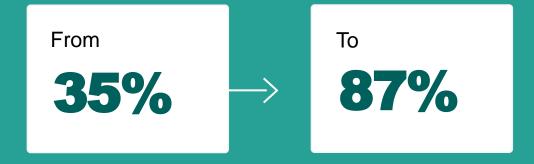
Partial amputation of foot





So far

Accuracy has increased



And ...

15,000 cases processed in last 10 days.

Solution live since 13/02

