

# ISING A BANKING PROCE



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#### 1. Problem Statement

The new Payments Platform will address current potential operational issues, and aims to maximise system efficiency. The team will study the current process, and make solid recommendations to help ANZ reach its objectives.

#### 2. Problem Definition

Important current issues include:

- Inefficient Processing
- Increased Defect Rates under certain conditions

#### 3. Project Objectives

Formulate a data analysis framework together with a simulation model to:

- Support ANZ team's recommendations
- Identify additional areas of improvement
- Suggest solutions to the identified areas
- Quantify benefits of recommendations

# 4. Process Mapping

The process flow is established and charted by combining work instructions and preliminary observational studies.



#### 5. Process Analysis

65% 60% 55%

Percentage of Transar with a defect 50% 45% 4090 35% 30% 25% 20%

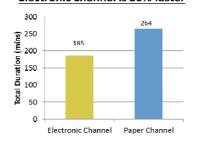
#### Volume Spikes due to Bulk Payments



Total Weekly Volume (Individual) — Total Weekly Volume (Bulk payments)

Defect Rates Increase with Volume

## Electronic Channel is 30% faster

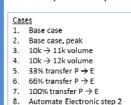


#### **Diversified Workforce**

Employee	1	2	3	4	5
DATA ENTRY			٧	٧	٧
AUTH CHECK 1	٧	٧	٧	٧	٧
AUTH CHECK 2	٧	٧	٧	٧	٧
CALL BACK					٧
AUTHORIZE			√		√
PENDING		٧	٧	٧	٧
MANUAL	٧	٧	٧	٧	٧
APPROVED		٧			

### 6. Simulation Model

A simulation model was built to capture the process features and enumerate through selected possible system changes.



- 9. Automate Electronic step 2, 33% transfer P → E
- 10. Automate Electronic step 2, 66% transfer P → E 11. Automate Electronic step 2,
- 100% transfer P → E 12. Half step 8 volume
- 13. Spread bulk payments

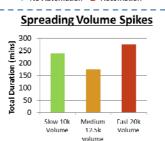
#### 7. Results and Recommendations

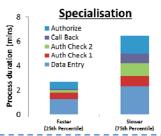
11000

16000

21000

#### Paper → Electronic Channel 80 60 40 20 0 Daily 0 33 67 100 % of customers transferred Automation -







# New Data Collection Plan



- Pre-process bulk payments
- Process bulk transactions as a whole, instead of de-bulking into individual transactions e.g. time spent on data entry is halved



# Who do we Target?



Commercial Segment

