



**digital**2020  
TRANSFORMATION

CONNECTING TECHNOLOGIES  
FOR A TOTALLY DIGITAL ENVIRONMENT

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# Digitisation - An opportunity for efficiency, security and traceability

An abstract digital graphic on a dark blue background. It features a network of white and red lines forming circuit-like paths. Scattered throughout are small squares, some in red and some in white. The overall aesthetic is futuristic and technological.

- GEMS Education
- APS Bank
- LGT Wealth Management



# CHEMISTRY

Student name: \_\_\_\_\_

Student	0	1	2	3	4	5	6	7	8	9
ID	0	1	2	3	4	5	6	7	8	9
Number	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9
	0	1	2	3	4	5	6	7	8	9

Instructions to students:

- Write your name in the space provided.
- Answer all questions.
- Use dry blue or black ink.
- White-out/Tipex is not allowed.
- Write your answers in the spaces provided on the question paper.
- This exam consists of 7 pages and 22 questions.
- Calculators are allowed for this exam.
- The periodic table is provided on page #.
- Show your answers to questions 1 - 17 on the bubble sheet provided on page 3.

DOK Level	DOK Percentage	Questions Associated
1 (Recall)	24 %	Total: 6 questions / 6 marks 1, 2, 6, #, 9, 11, 13, #, #, #, #, #, #, #, #, #, #, #, #, #
2 (Skill/Concept)	48 %	Total: 10 questions / 12 marks 5, 7, 10, 14, 15, 8, #, #, #, #, #, #, #, #, #, #, #, #, #, #, #, #
3 (Strategic Thinking)	28 %	Total: 6 questions / 7 marks 3, 4, 12, 16, 17, #, #, #, #, #, #, #, #, #, #, #, #, #, #
Total	100%	Total: 25 marks Total: 22 questions

Question No	Standard	DOK Level	Maximum Mark	Student Mark
1	#	#	#	0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5
2	#	#	#	0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5
3	#	#	#	0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5
4	#	#	#	0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5

## GEM REQUIREMENTS

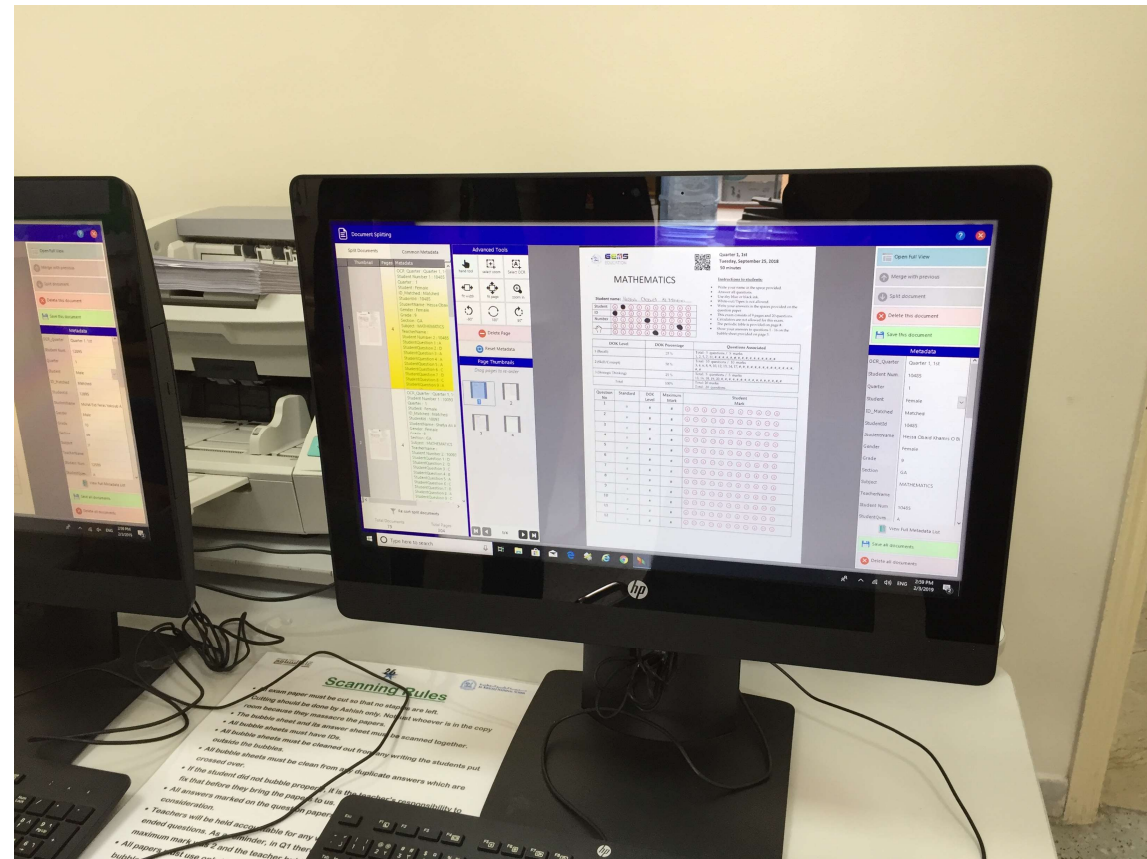
- Decision Making
- Mathematical Literacy
- Communication
- Critical Thinking
- 2017
- \$920
- Analytical
- Analytical

## Case Study Overviews

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TRANSFORMATION

**GEMS**  
EDUCATION

- 6,000 Students
- 3 exams/subject/semester
- Each exam sheet 8 pages long (multiple choice and open ended answers)



07-Nov-19

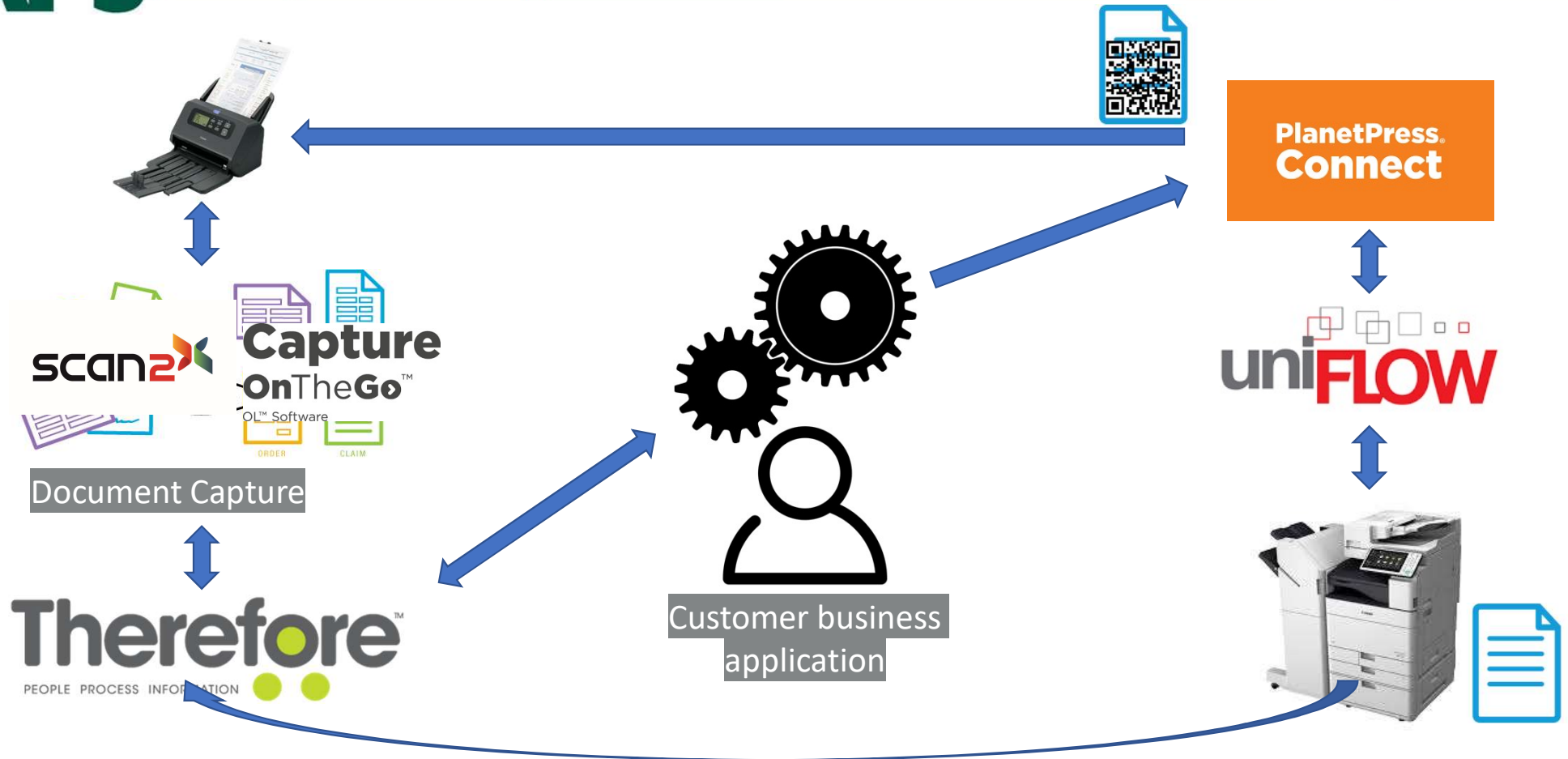


## REQUIREMENT:

- **Implement secure digitisation of paper documents**
- **Adopt dynamic eForms technologies**
- **Install print management for security, efficiency**
- **Use intelligent, dynamic document capture across all devices for consistency, workflow and compliance**
- **Use output management to augment and enrich print jobs from banking system**



# Case Study Overviews



# LGT Bank Switzerland



- LGT Group is the largest family-owned private banking and asset management group in Europe.



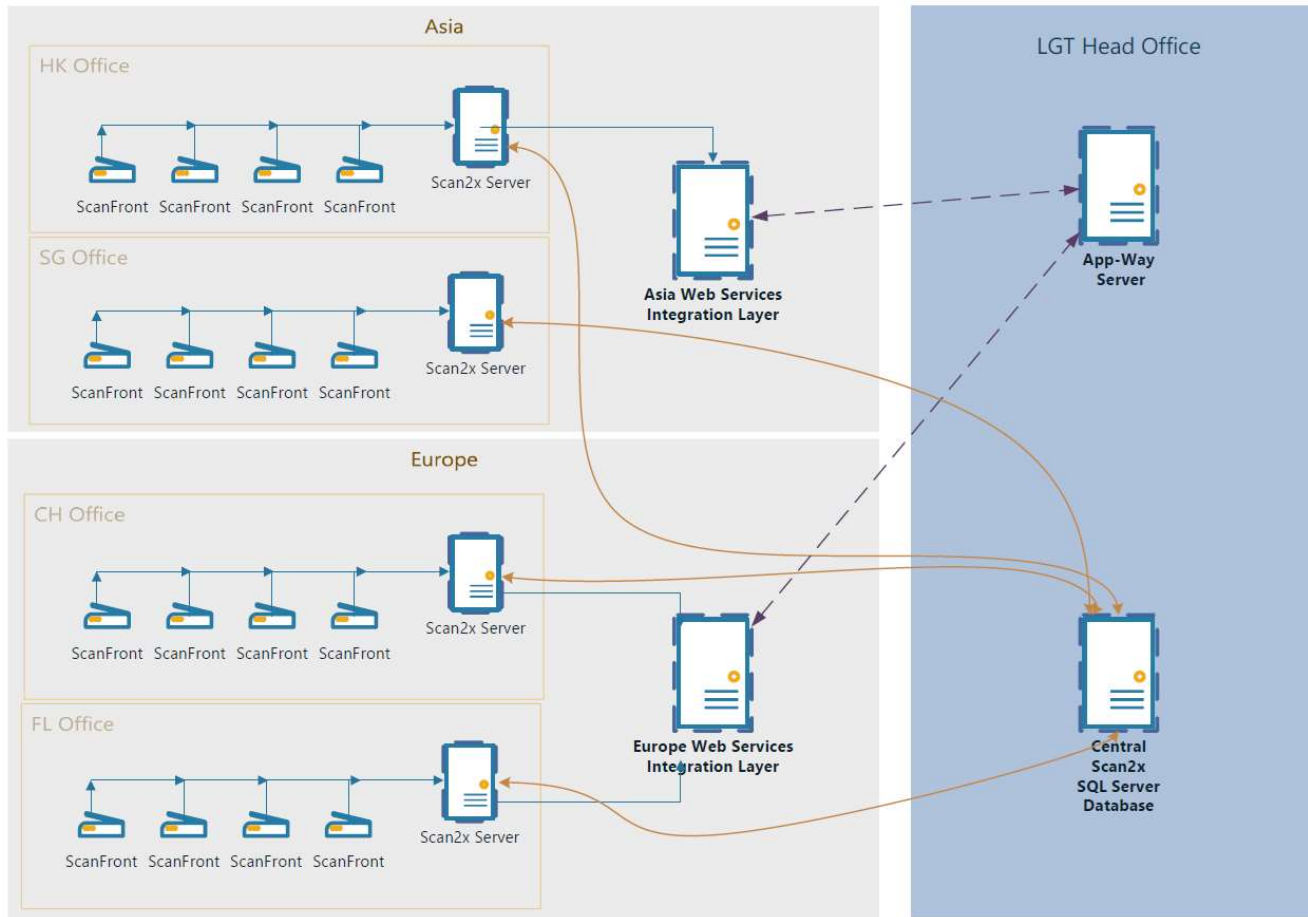


## REQUIREMENT:

- **Intelligent client onboarding, integrated with banking and compliance systems**
- **Encrypted Web Service connectivity**
- **Centralised management and audit**
- **Fault tolerant across regions**
- **Prevention of double submissions**
- **“Follow-me scan” functionality**
- **Global security login with RFID**
- **Passport/ID document recognition and analysis**



# Case Study Overviews





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THANK YOU

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