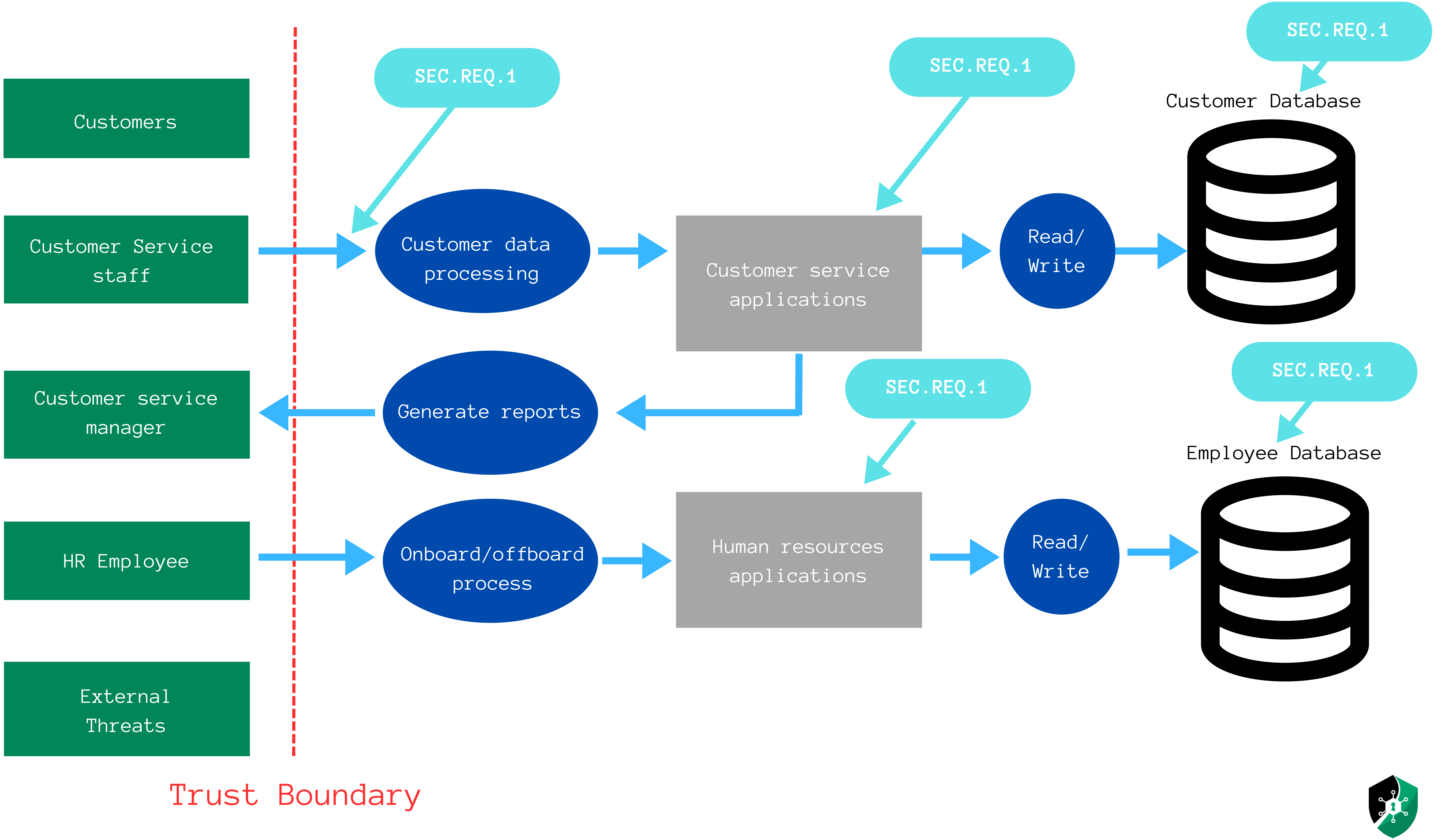
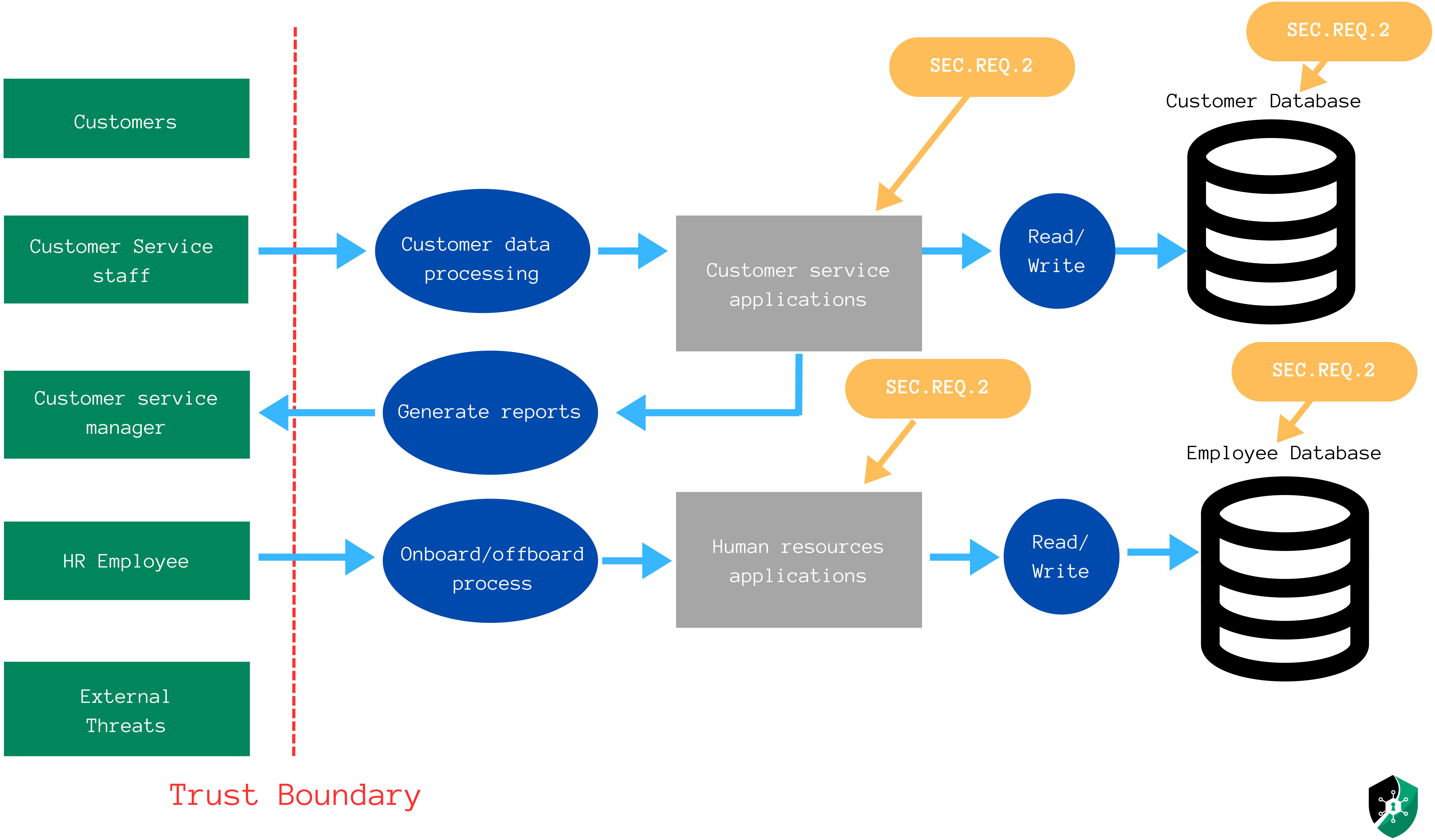
REFERENCE SECURITY ARCHITECTURE

Reference	Requirement	Security Controls
SEC.REQ.1	The company's sensitive data must be protected against unauthorized disclosure and transmission	● Encryption ● Data loss prevention ● Masking/ Tokenization
SEC.REQ.2	The company's sensitive data must be protected against unauthorized access	● Strong user authentication ● NAC (firewalls) ● Privilege management
SEC.REQ.3	Only company approved removable media will be used to store sensitive data	● Security policy ● Disable USB drives
SEC.REQ.4	All systems must be scanned regularly for vulnerabilities and misconfigurations	● Vulnerability scanning
SEC.REQ.5	Any vulnerabilities must be eliminated within the specified time frame according to their risk level.	● Vulnerability scanning ● Configuration management
SEC.REQ.6	All systems must be monitored for any unauthorized access or misuse	● Events logging ● Auditing ● Security events and information management system


SEC.REQ.1
SEC.REQ.1
SEC.REQ.1
Customer Database
Customers
Customer Service staff
Customer data processing
Customer service applications
Read/ Write
Customer service manager
Generate reports
SEC.REQ.1
SEC.REQ.1
Employee Database
HR Employee
Onboard/offboard process
Human resources applications
Read/ Write
External Threats
Trust Boundary



Customers

Customer Service staff

Customer service manager

HR Employee

External Threats

Trust Boundary

Customer data processing

Generate reports

Onboard/offboard process

Customer service applications

Human resources applications

Read/ Write

Read/ Write

Customer Database

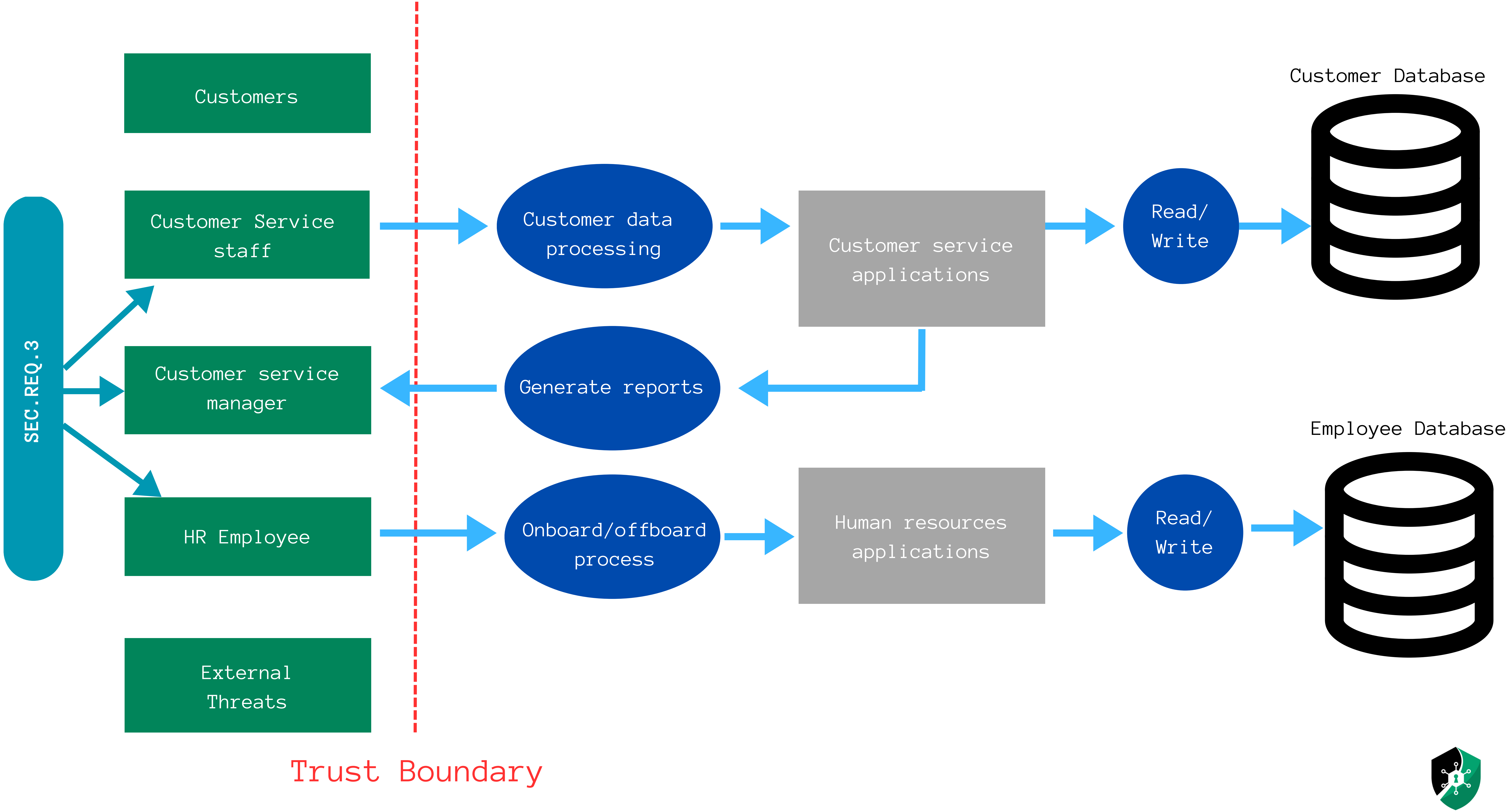
Employee Database

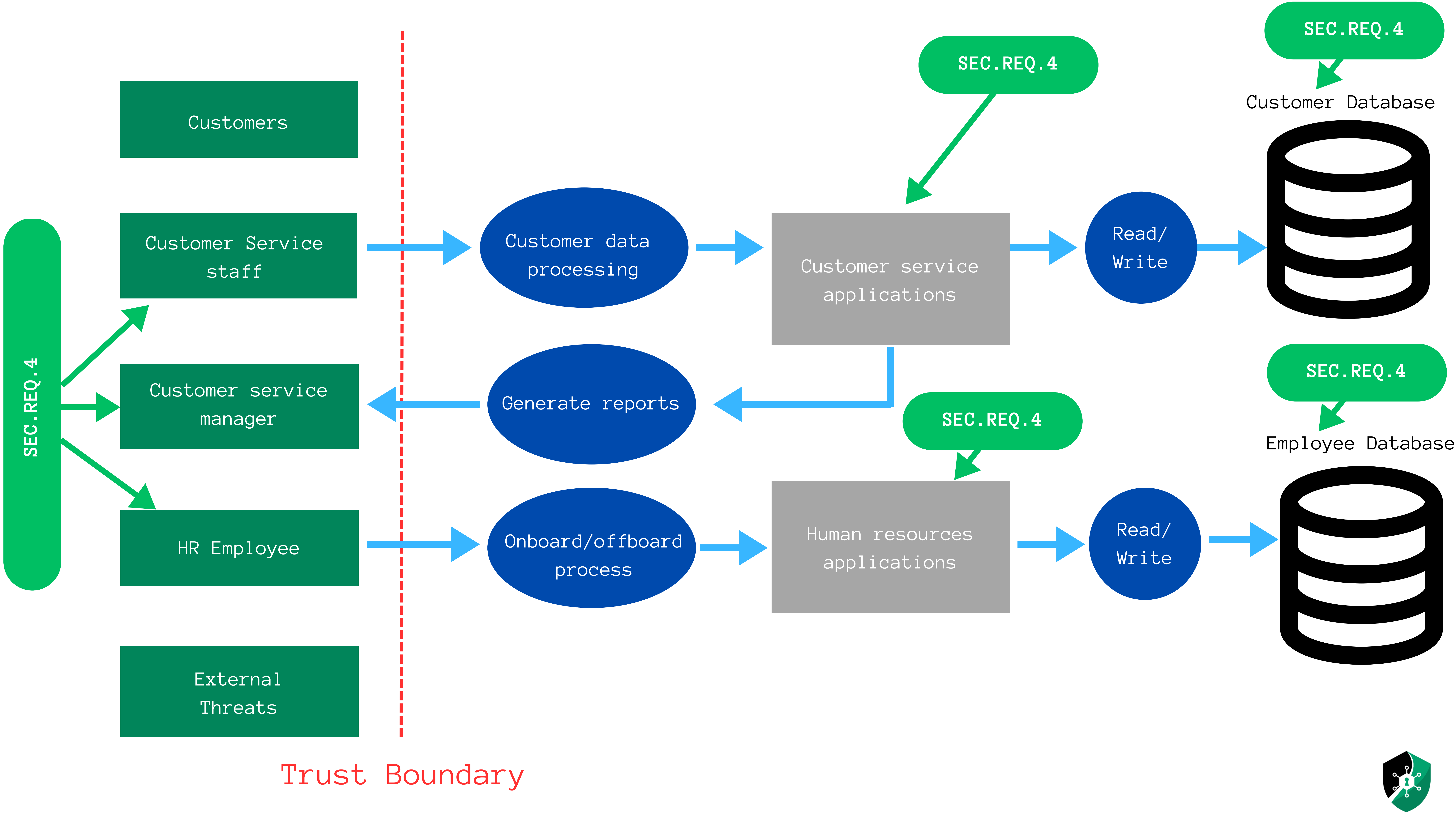
SEC.REQ.2

SEC.REQ.2

SEC.REQ.2

SEC.REQ.2


Customers
Customer Service staff
Customer service manager
HR Employee
External Threats
SEC.REQ.3
Customer data processing
Customer service applications
Read/ Write
Customer Database
Generate reports
Onboard/offboard process
Human resources applications
Read/ Write
Employee Database
Trust Boundary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SEC.REQ.4
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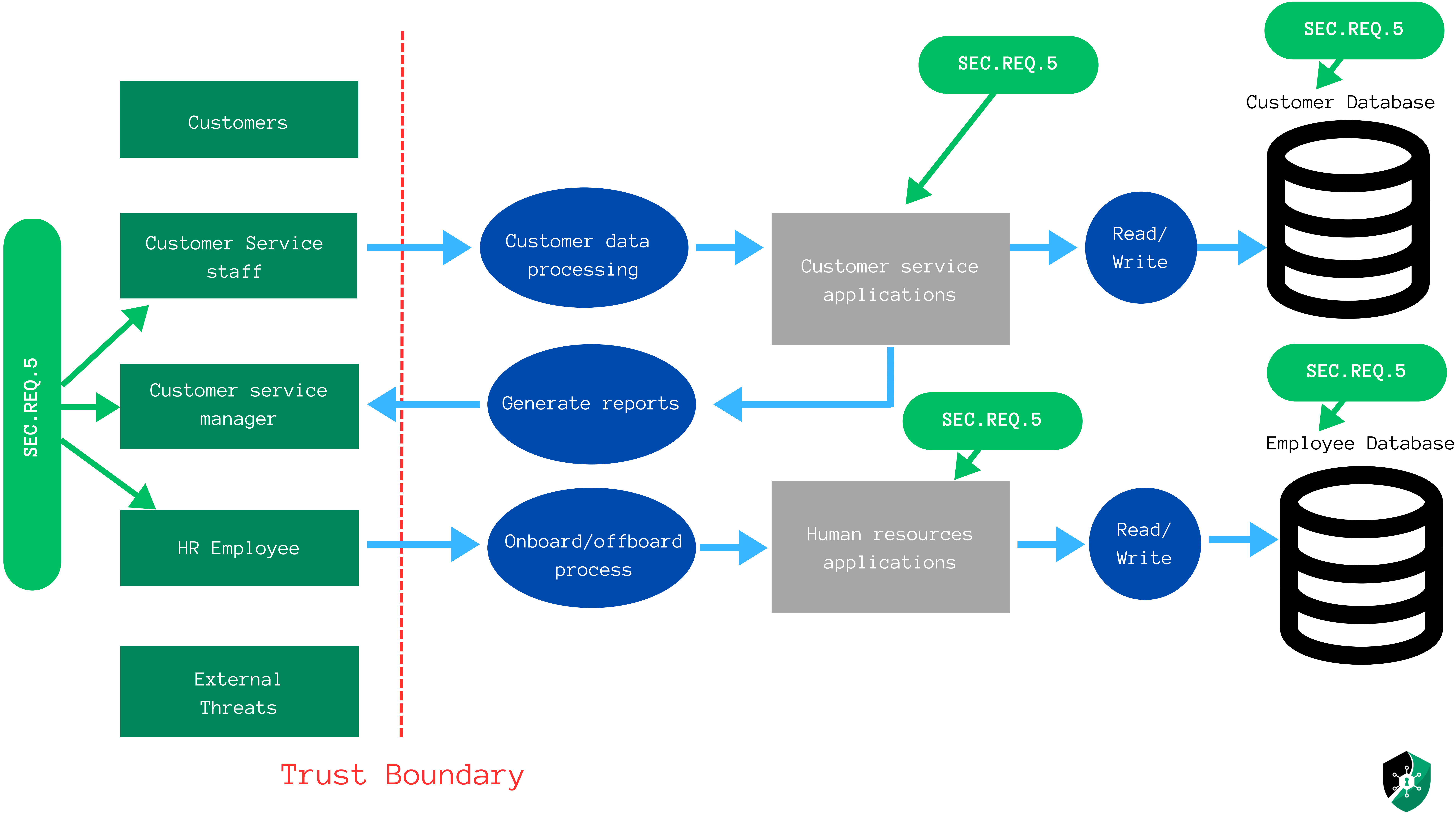
Customers
Customer Service staff
Customer data processing
Customer service applications
Read/ Write
SEC.REQ.4
Customer service manager
Generate reports
SEC.REQ.4
SEC.REQ.4
Employee Database
HR Employee
Onboard/offboard process
Human resources applications
Read/ Write
External Threats
Trust Boundary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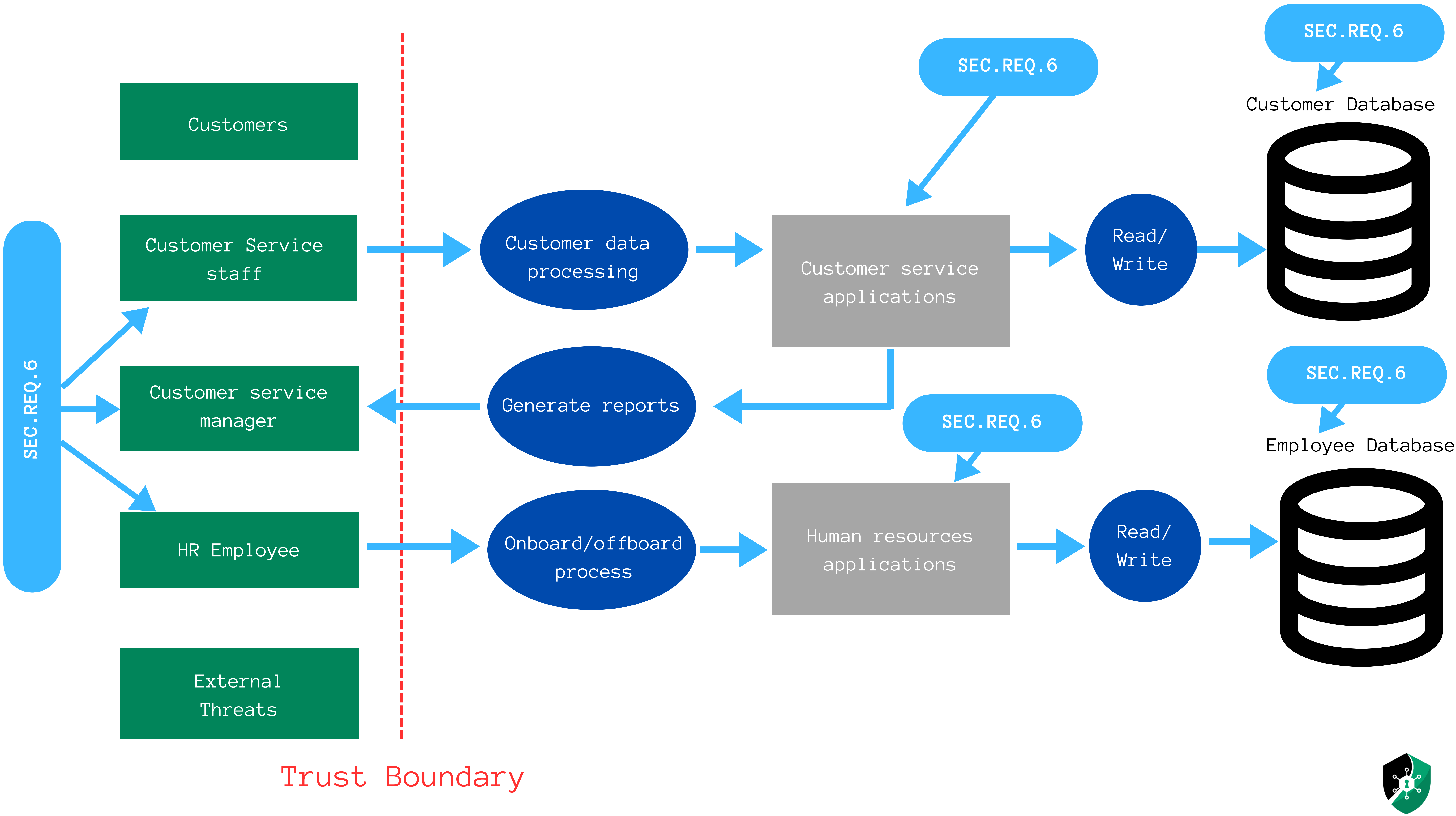
Customer Database
Customers
SEC.REQ.5
Customer Service staff
Customer data processing
Customer service applications
Read/ Write
SEC.REQ.5
Customer service manager
Generate reports
SEC.REQ.5
Employee Database
HR Employee
Onboard/offboard process
Human resources applications
Read/ Write
External Threats
Trust Boundary


SEC.REQ.6
Customers
Customer Service staff
Customer service manager
HR Employee
External Threats
Customer data processing
Generate reports
Onboard/offboard process
SEC.REQ.6
Customer service applications
SEC.REQ.6
Human resources applications
Read/ Write
Read/ Write
SEC.REQ.6
Customer Database
SEC.REQ.6
Employee Database
Trust Boundary