



**Provable regulatory compliance!**



## Secure Cloud Computing

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Secure Cloud  
Computing

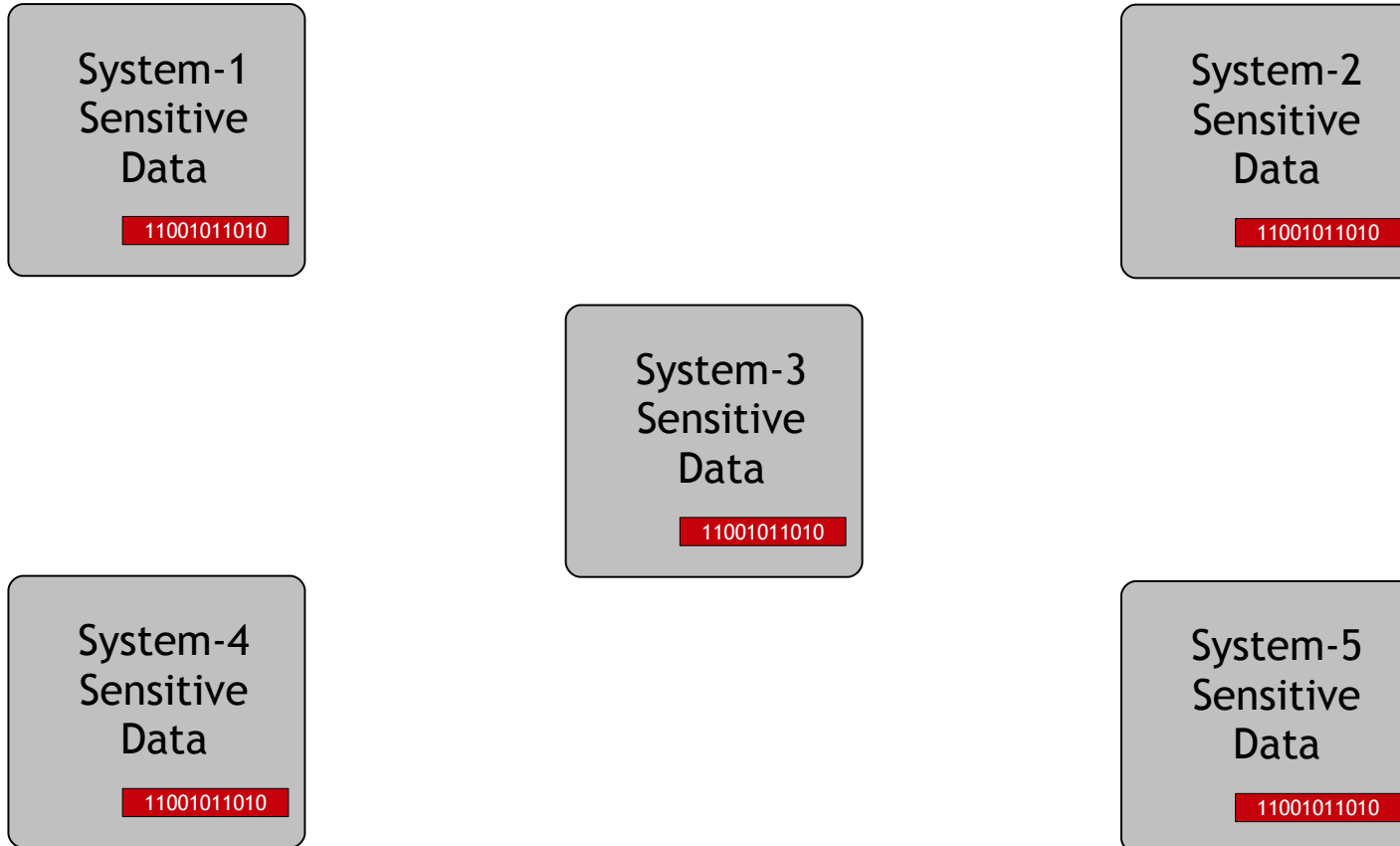


Secure Cloud  
Storage

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The **first** complete security solution that lets you take advantage of **Public Clouds** while proving compliance to regulations!

- Encryption
- Tokenization
- Key Management
- Cryptographic hardware module
- Fully integrated
- Reduce scope of compliance audits
- Manage trillions of keys/objects
- Fully operational in 48 hours or less



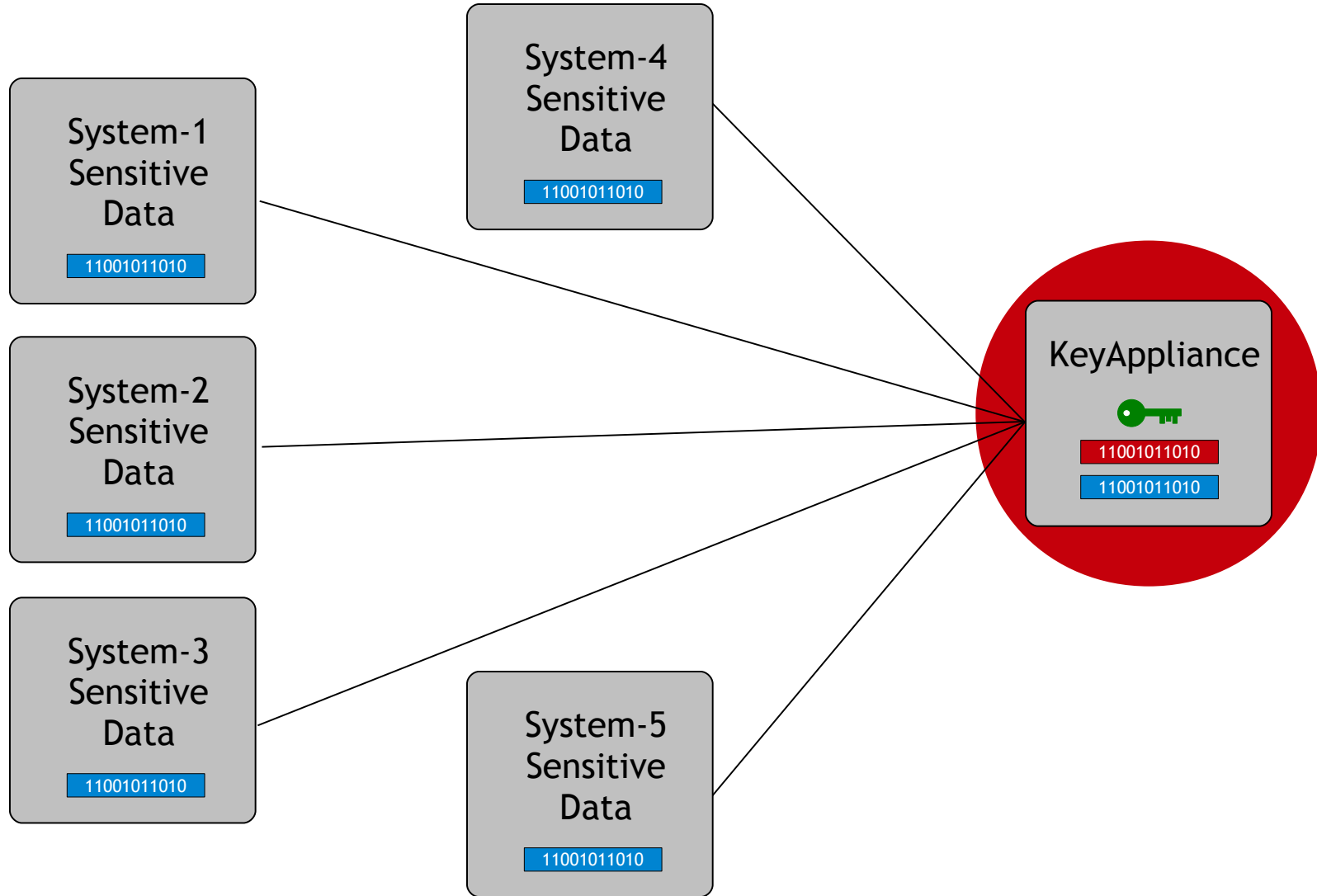
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# Scope of PCI-DSS Audit **BEFORE** KeyAppliance



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# Scope of PCI-DSS Audit **AFTER** KeyAppliance



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Automatic  
Key Management

Split-Knowledge  
Control

Highly  
Available

Enterprise  
Scalability

Simple  
Webservice API

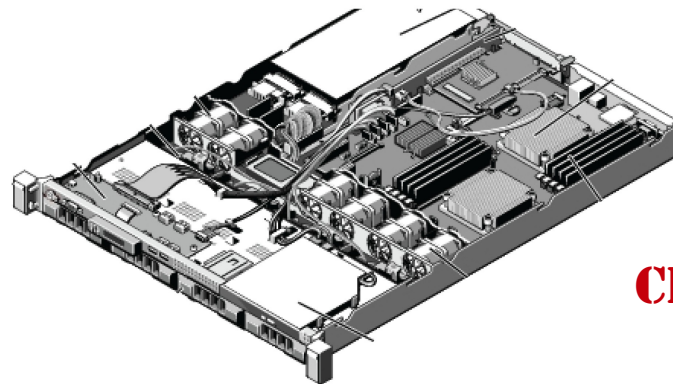
Active Directory  
Integration

Graphical  
Admin Console

**LOWEST COST EKM  
appliance.  
GUARANTEED!**

**Dual Gigabit  
Ethernet**

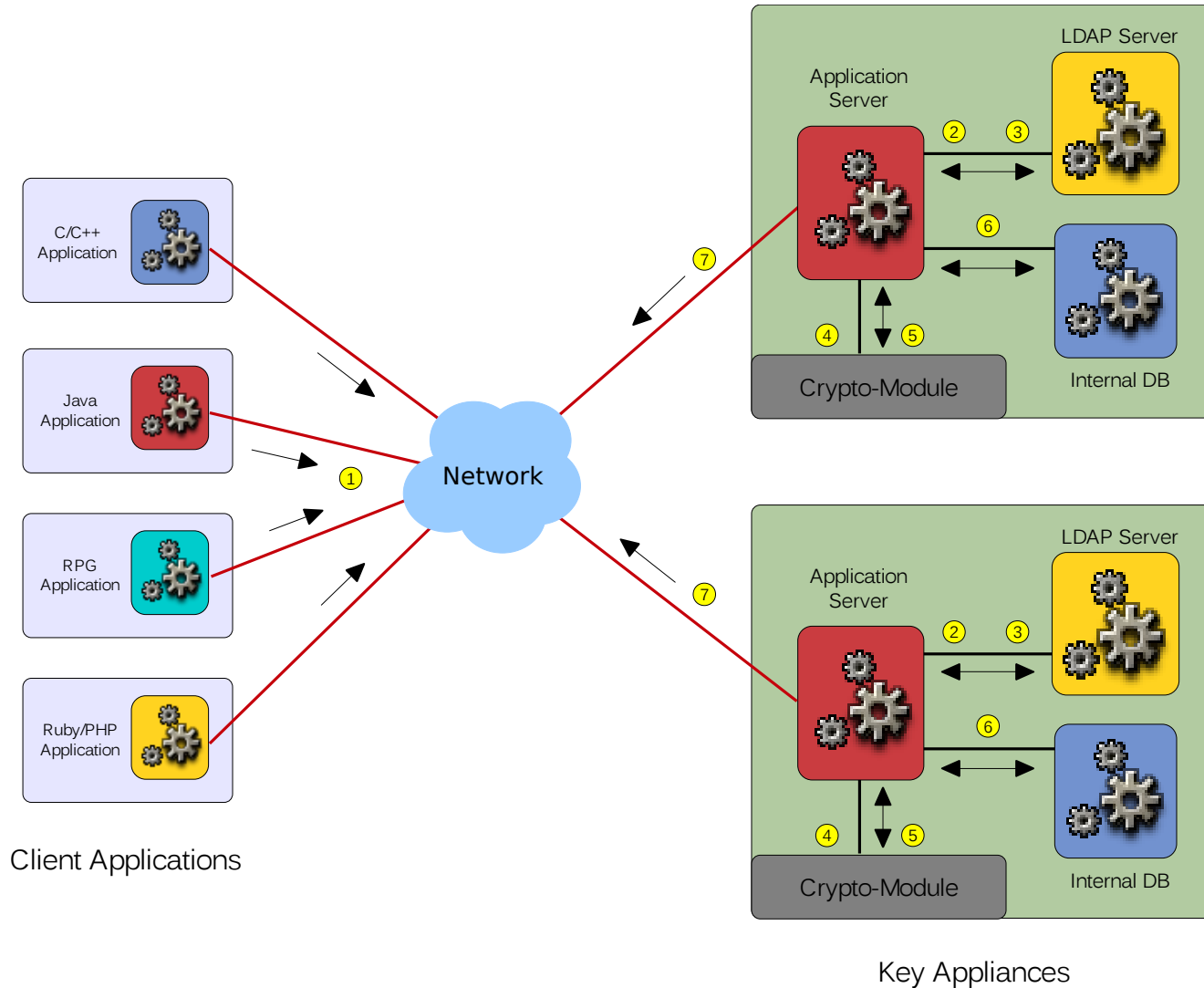
**8 GB DRAM**

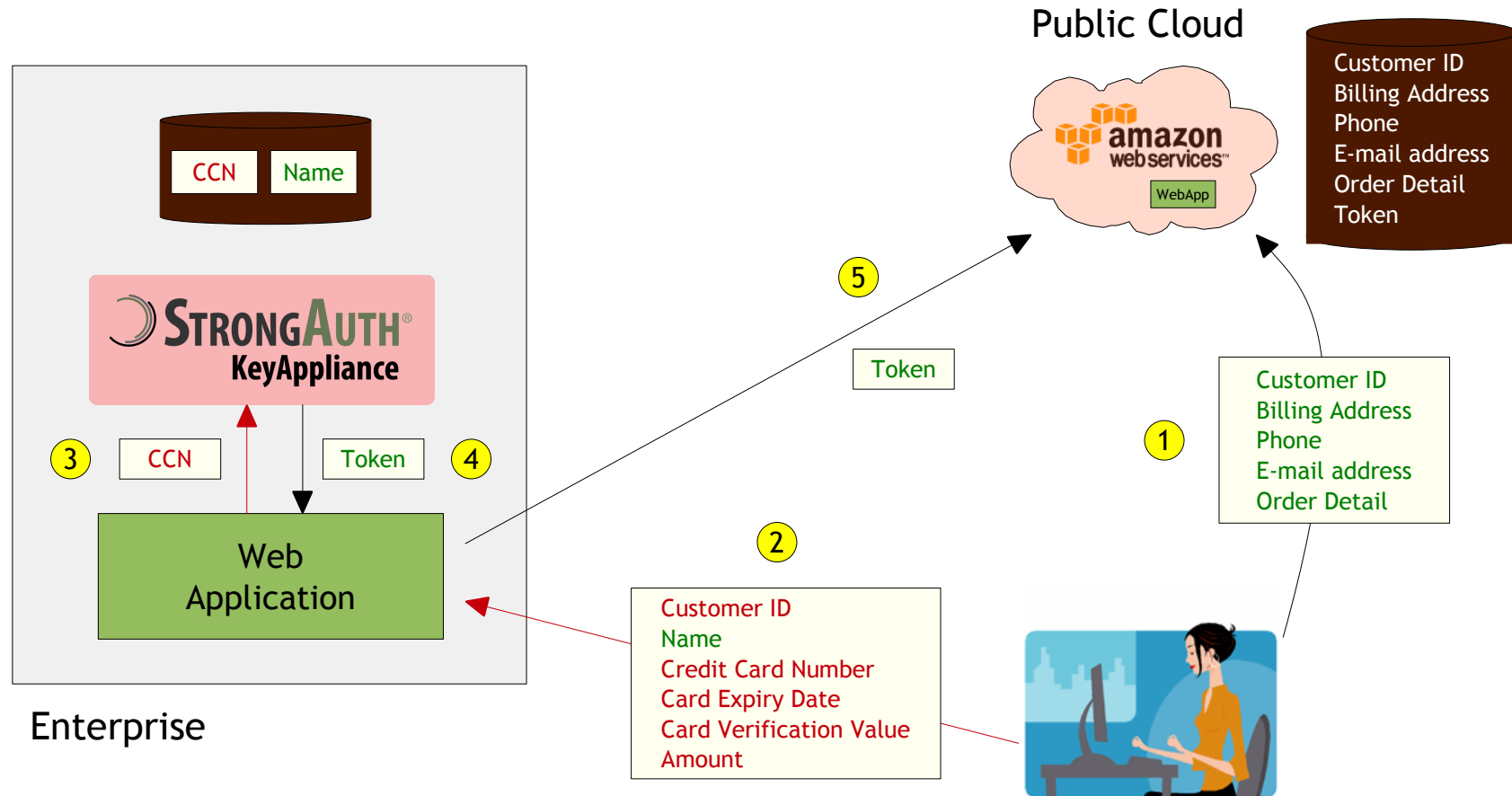


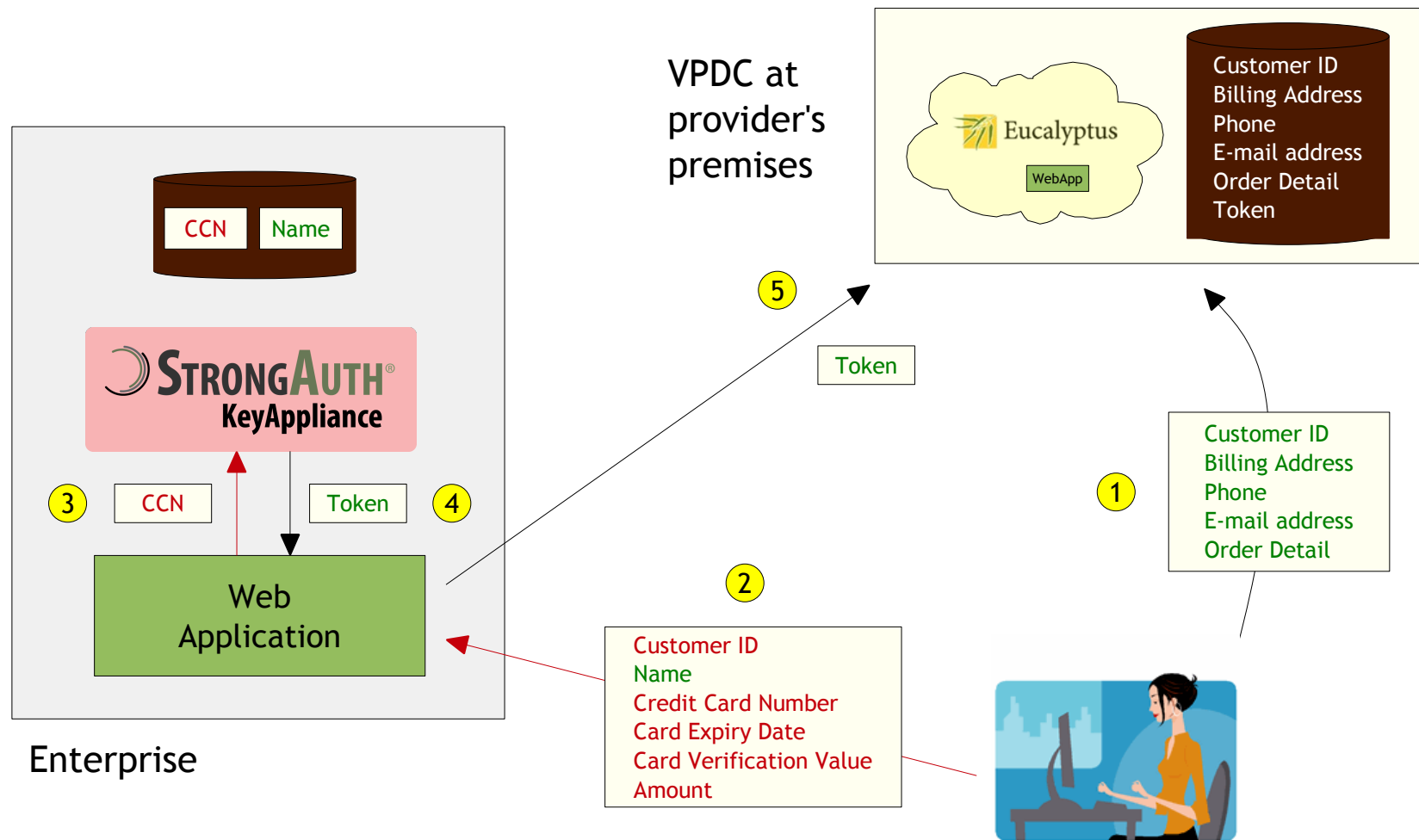
**4 Core  
64-bit CPU**

**CERTIFIED HSM  
OR TPM**

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- Encryption
- Decryption
- Key generation
- Key escrow and recovery on StrongAuth KeyAppliance
- Automatically transfer files to public clouds, VPDC, NAS
- Reduce cost of storage infrastructure

Automatic  
Key Management

Integration to  
Public Clouds

Highly  
Available

Enterprise  
Scalability

Simple  
Webservice API

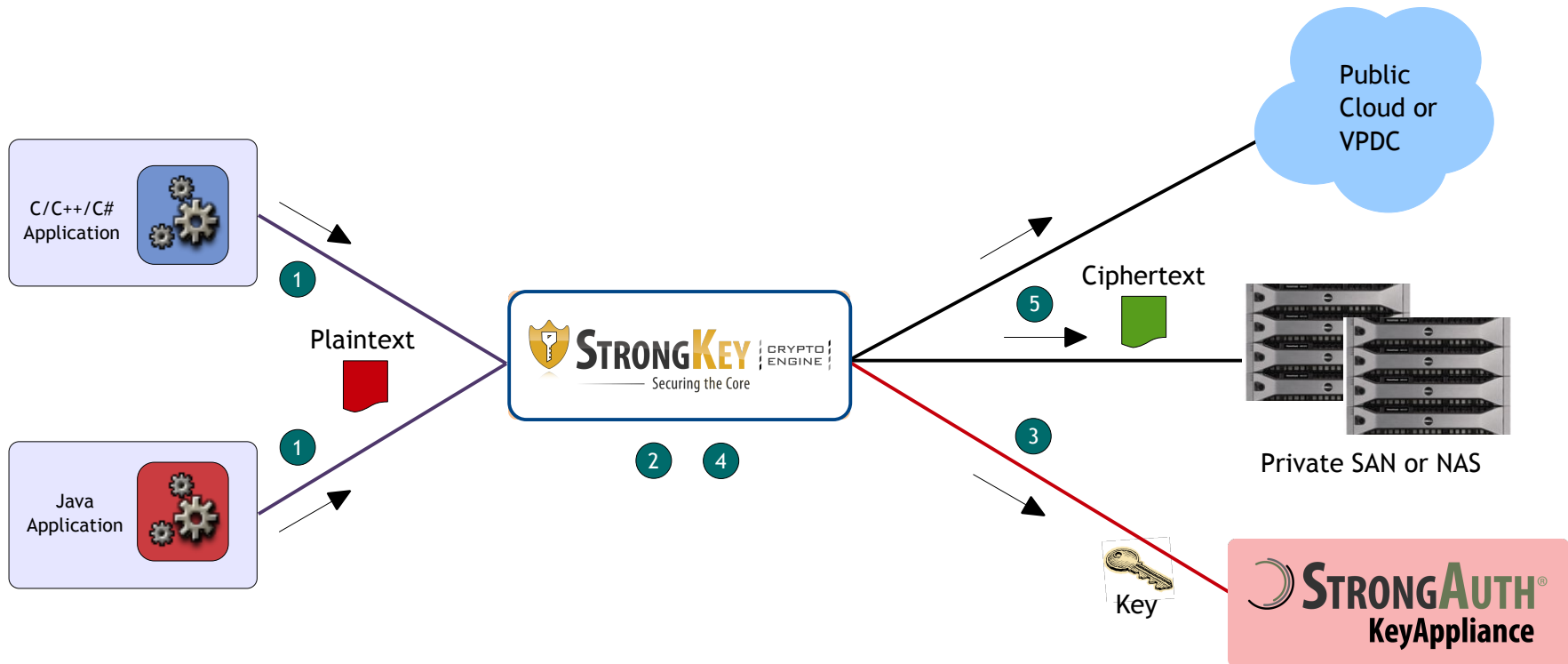
Active Directory  
Integration

Graphical  
Interface

Java-based **Free and Open-Source Software**

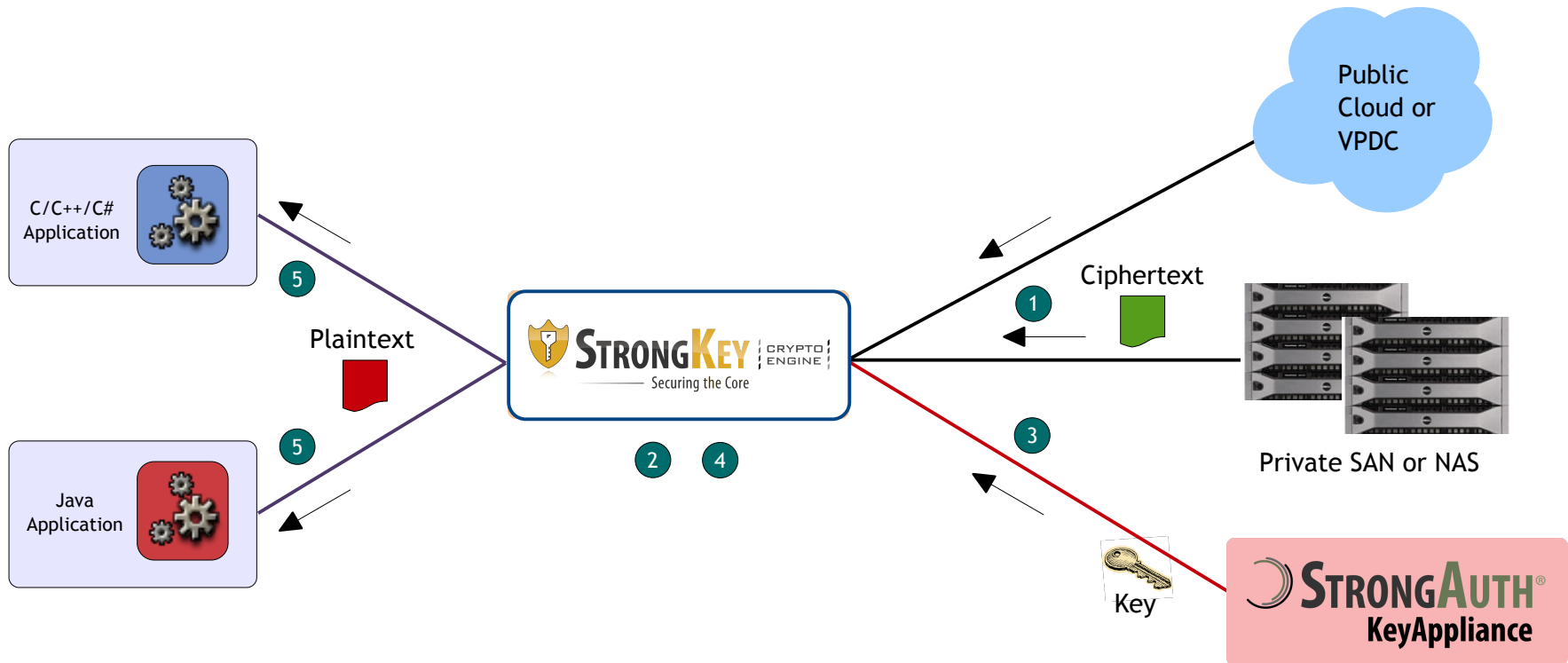
Download at: [www.cryptoengine.org](http://www.cryptoengine.org)

# ENCRYPTION MECHANICS



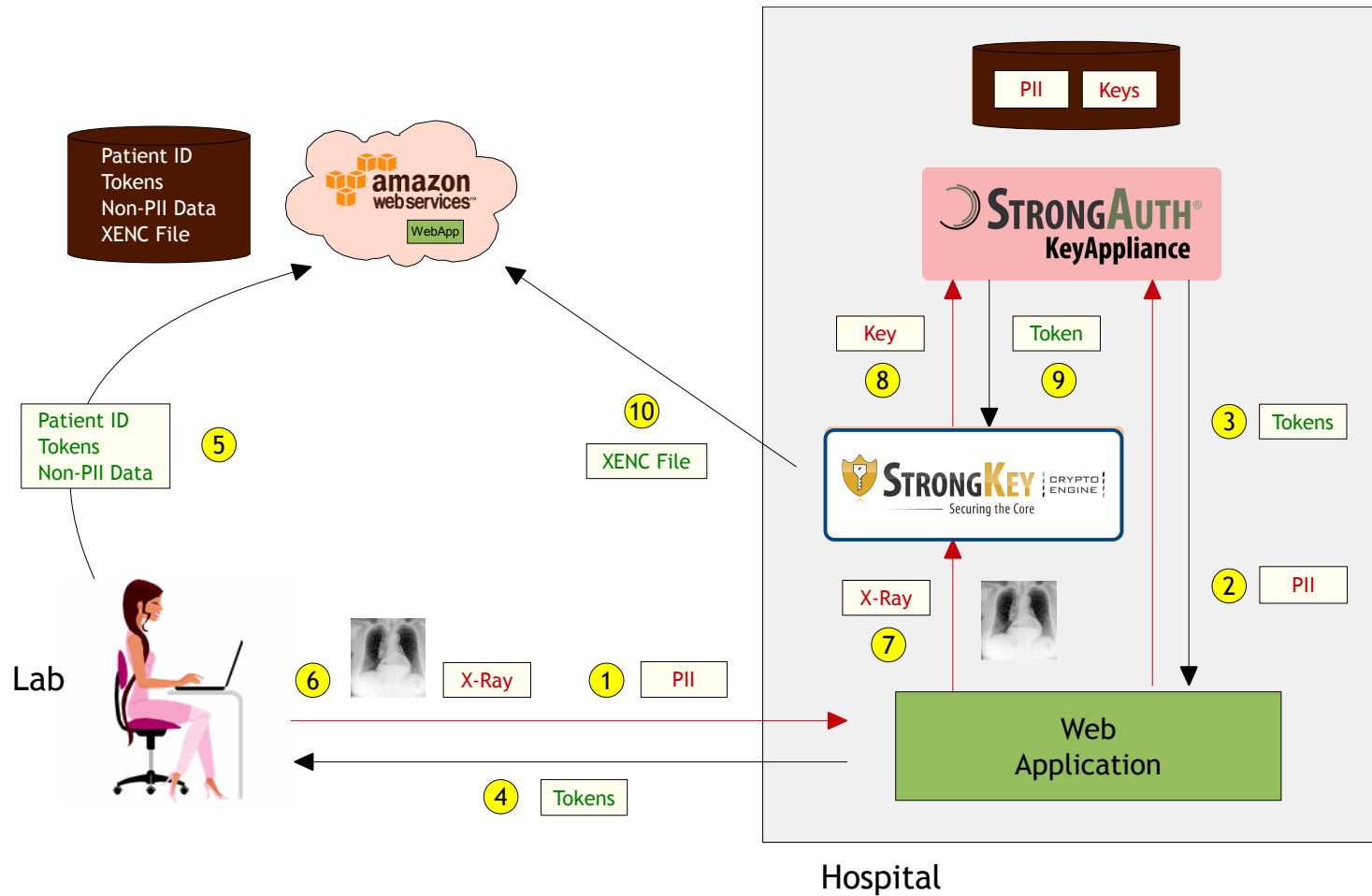
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# DECRYPTION MECHANICS

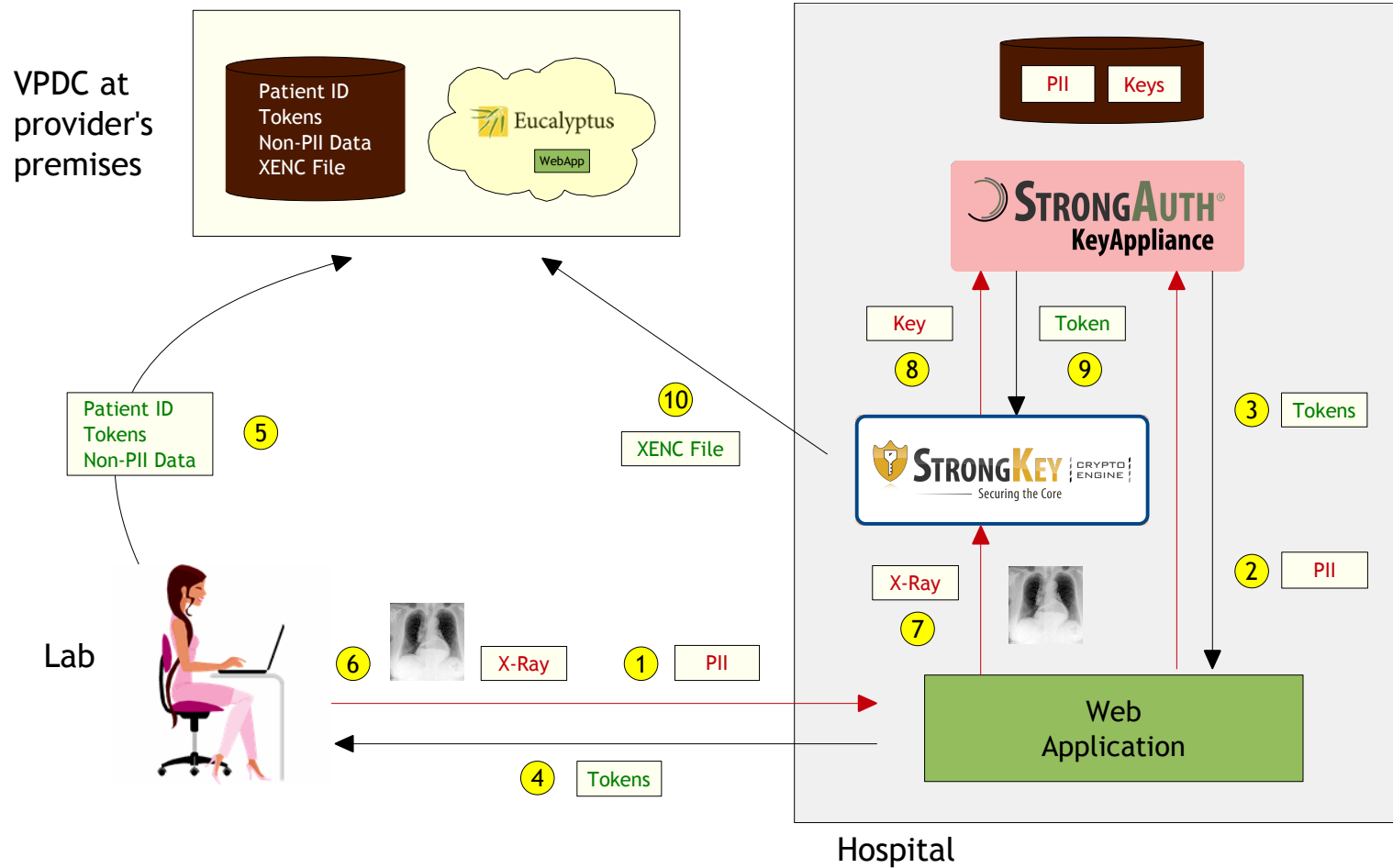


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Radiograph: Courtesy Diego Grez

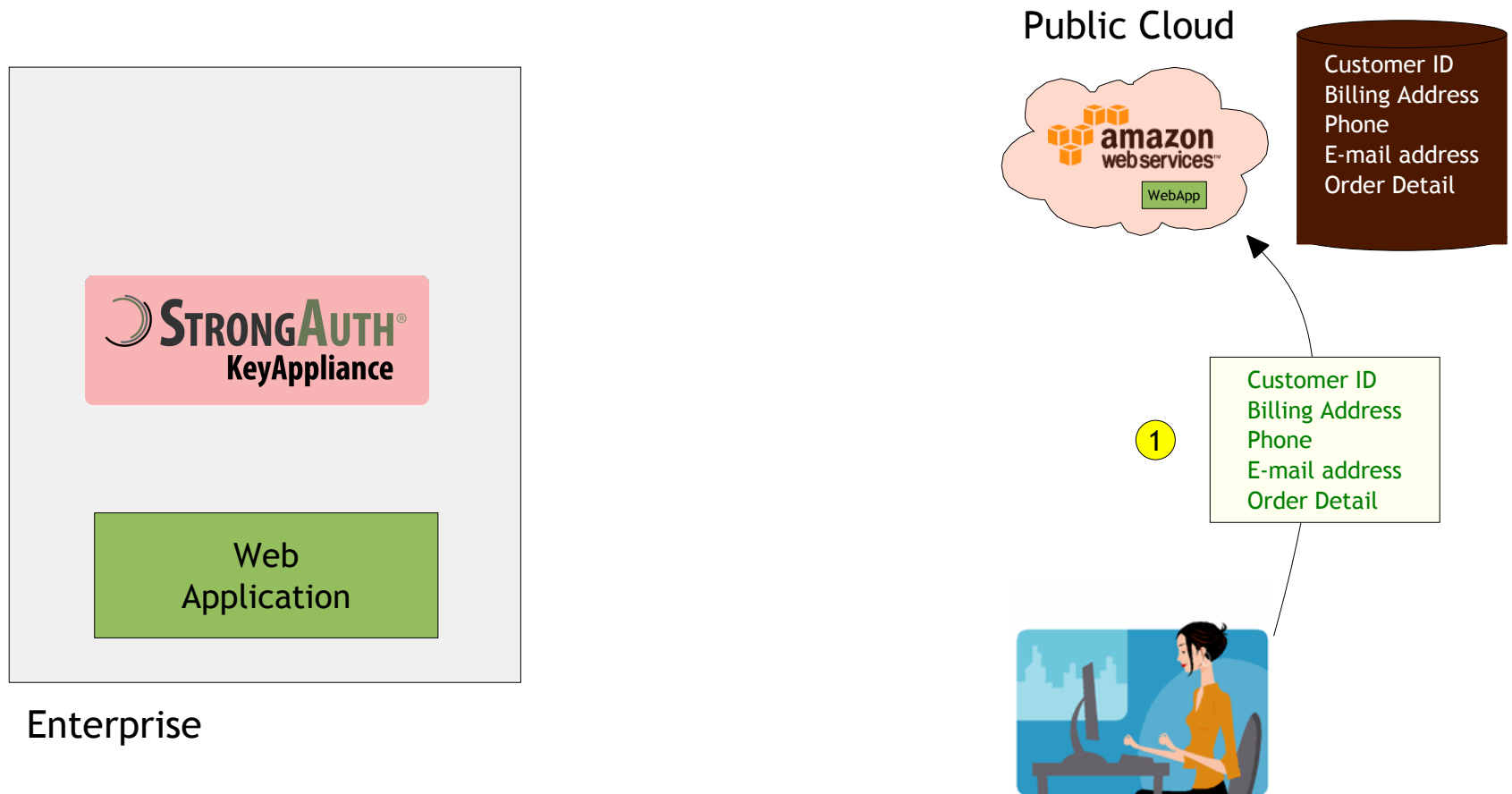


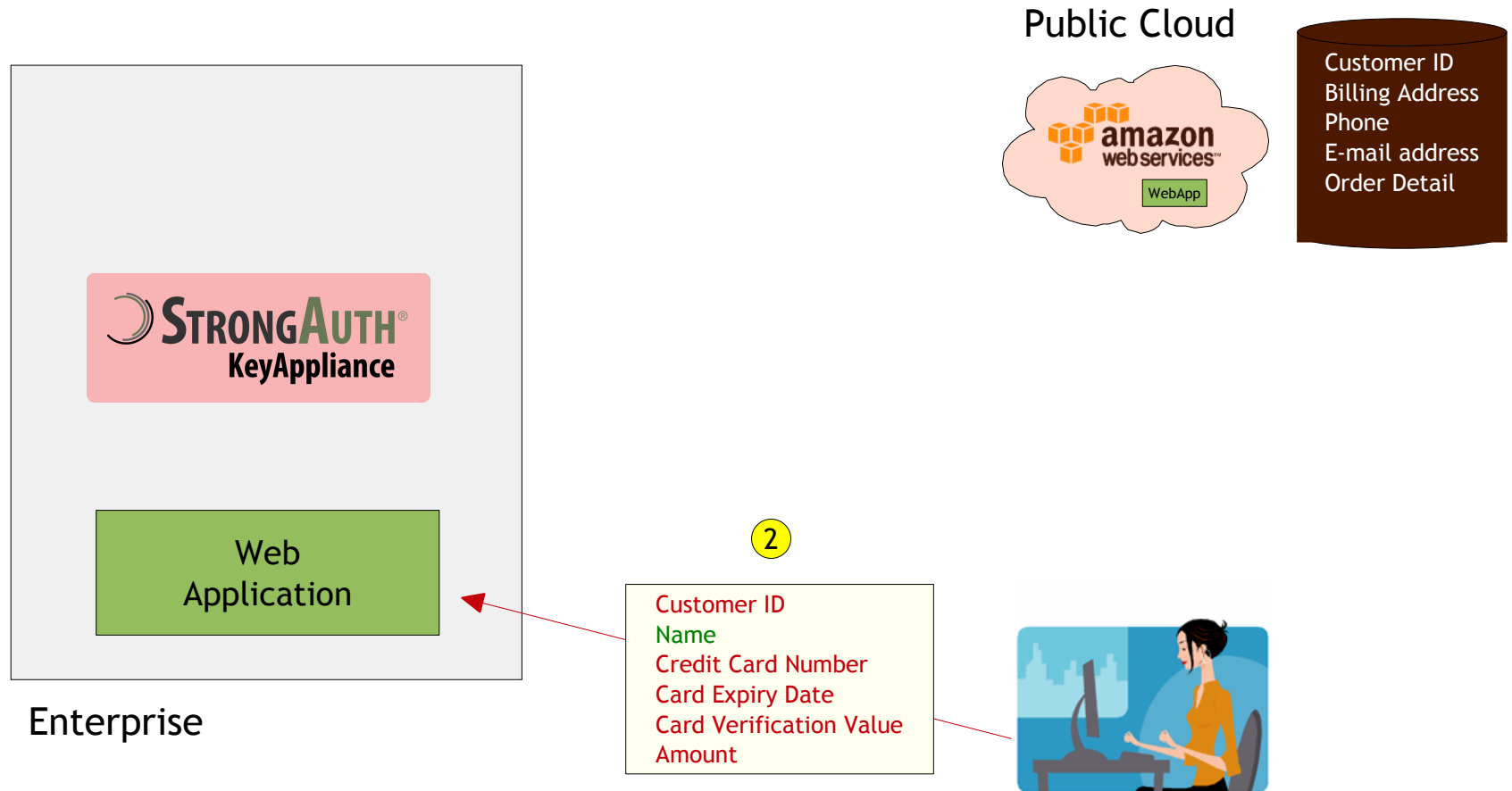
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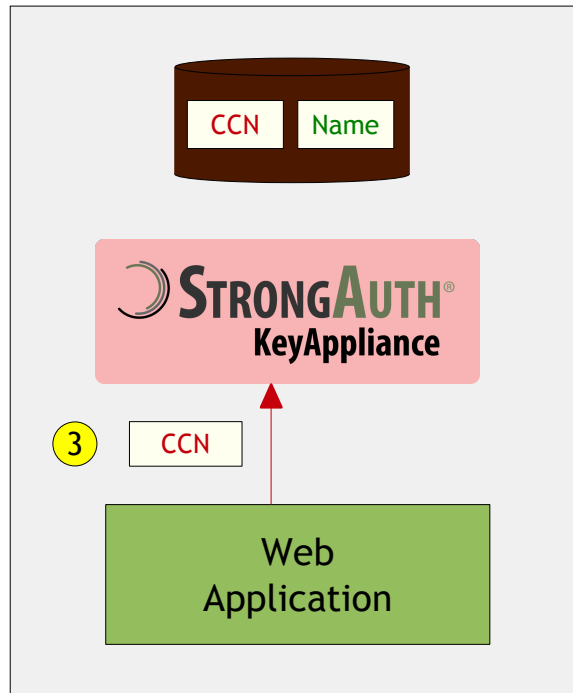
## SECURE CLOUD COMPUTING FOR E-COMMERCE

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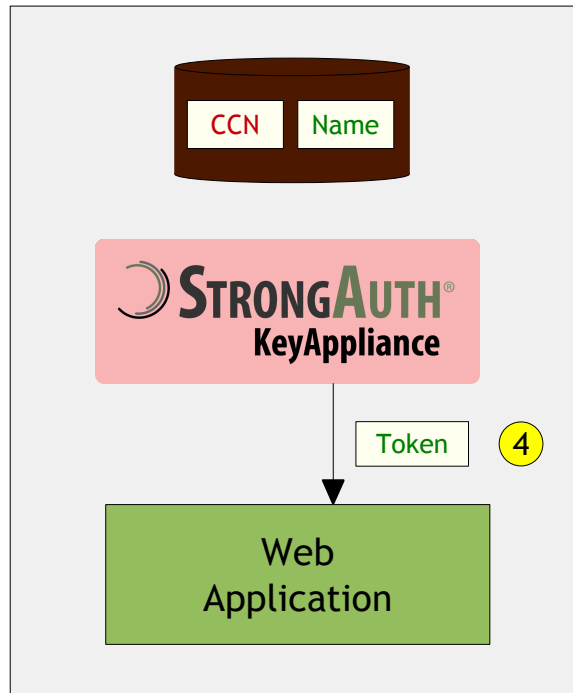
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Enterprise

Public Cloud

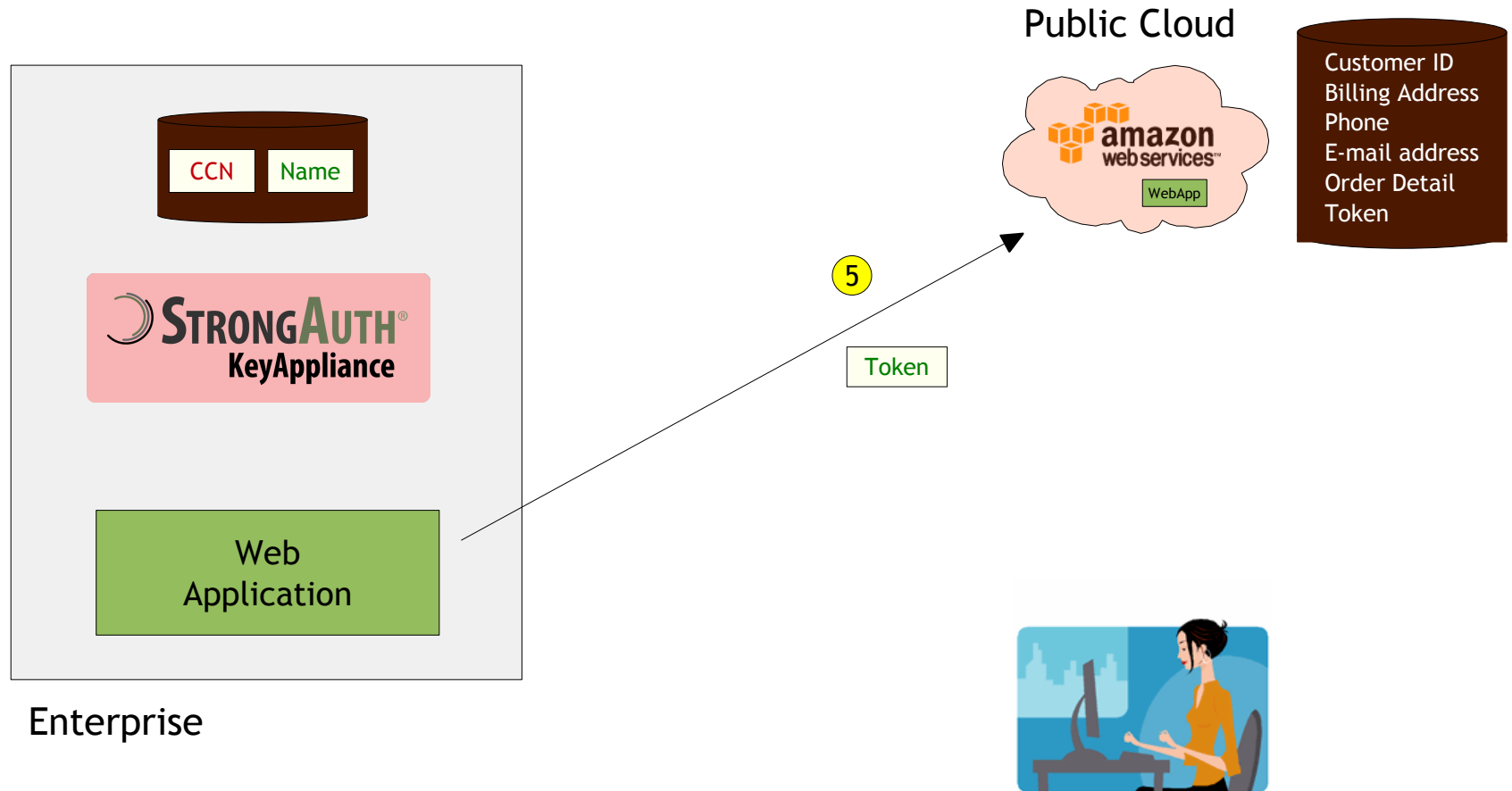




Enterprise

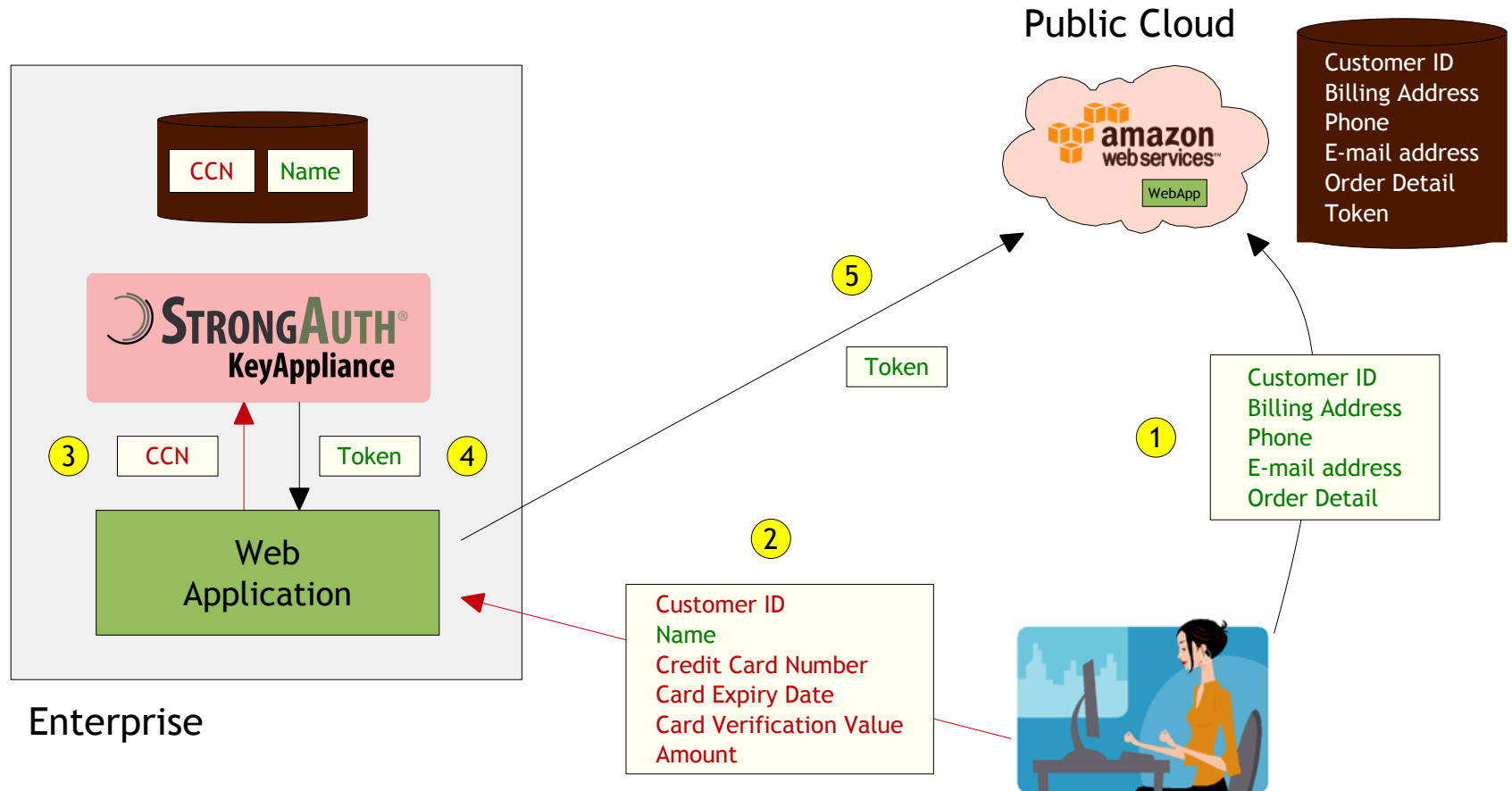
Public Cloud



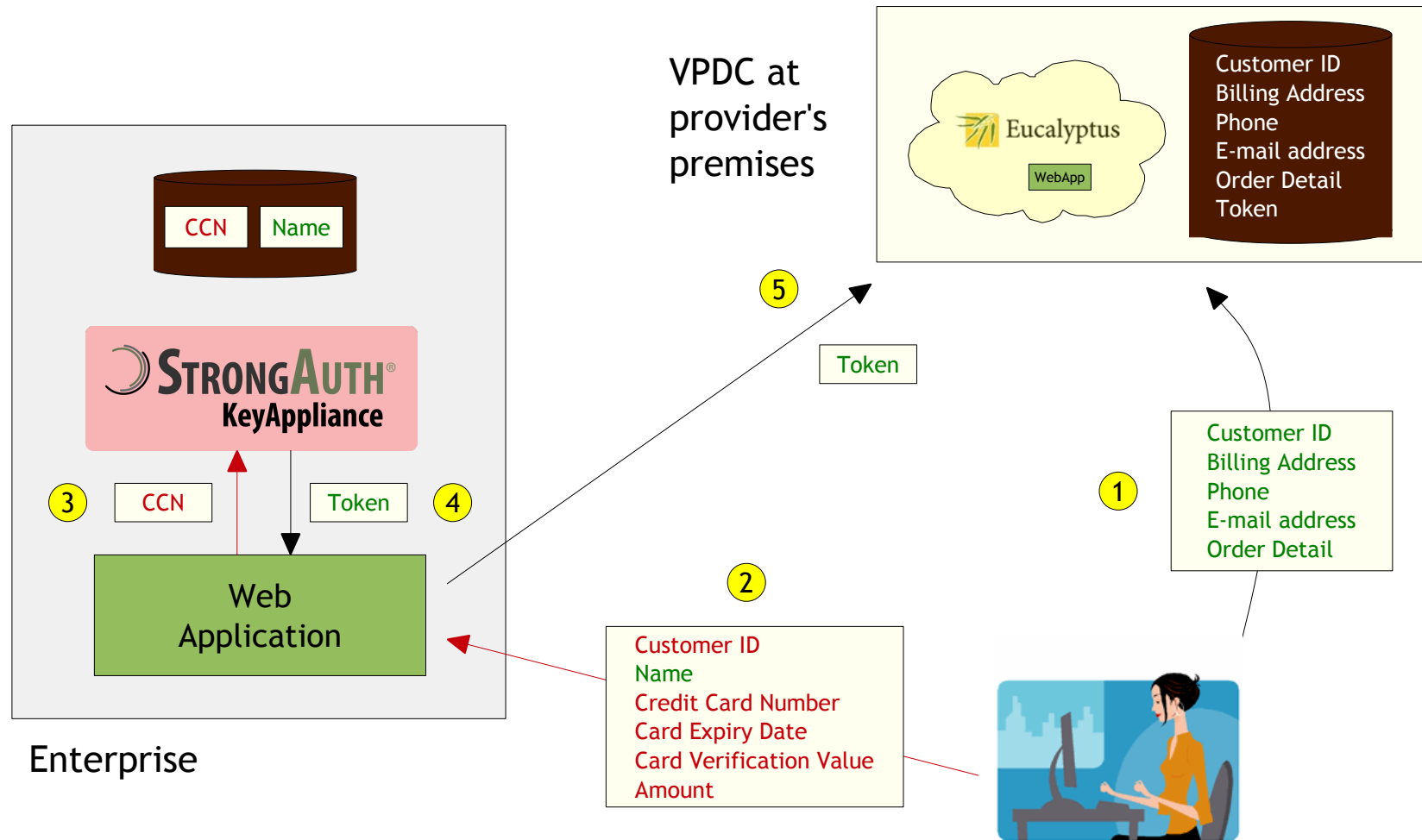




# SECURE CLOUD COMPUTING E-COMMERCE - PUBLIC CLOUD



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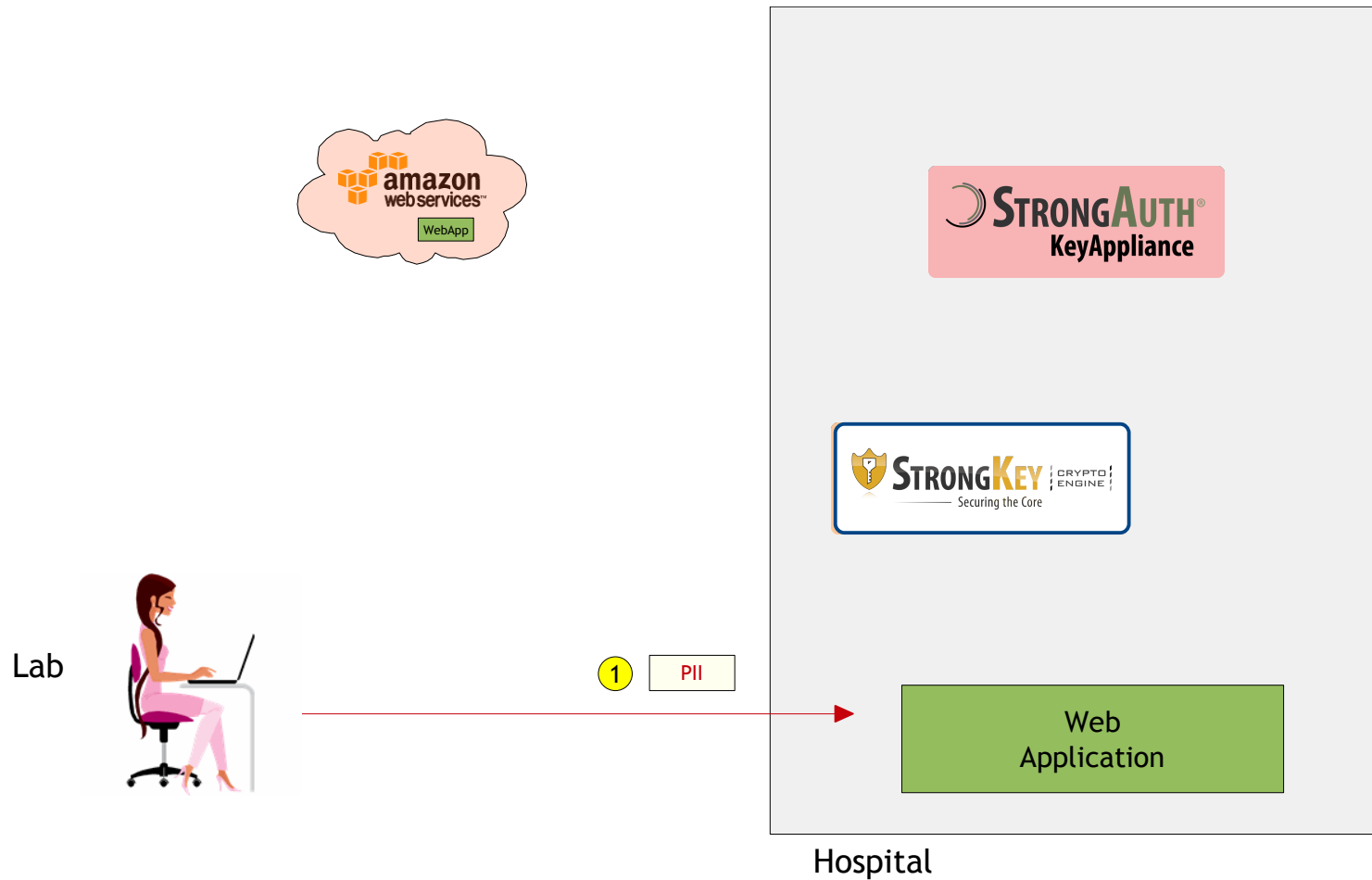


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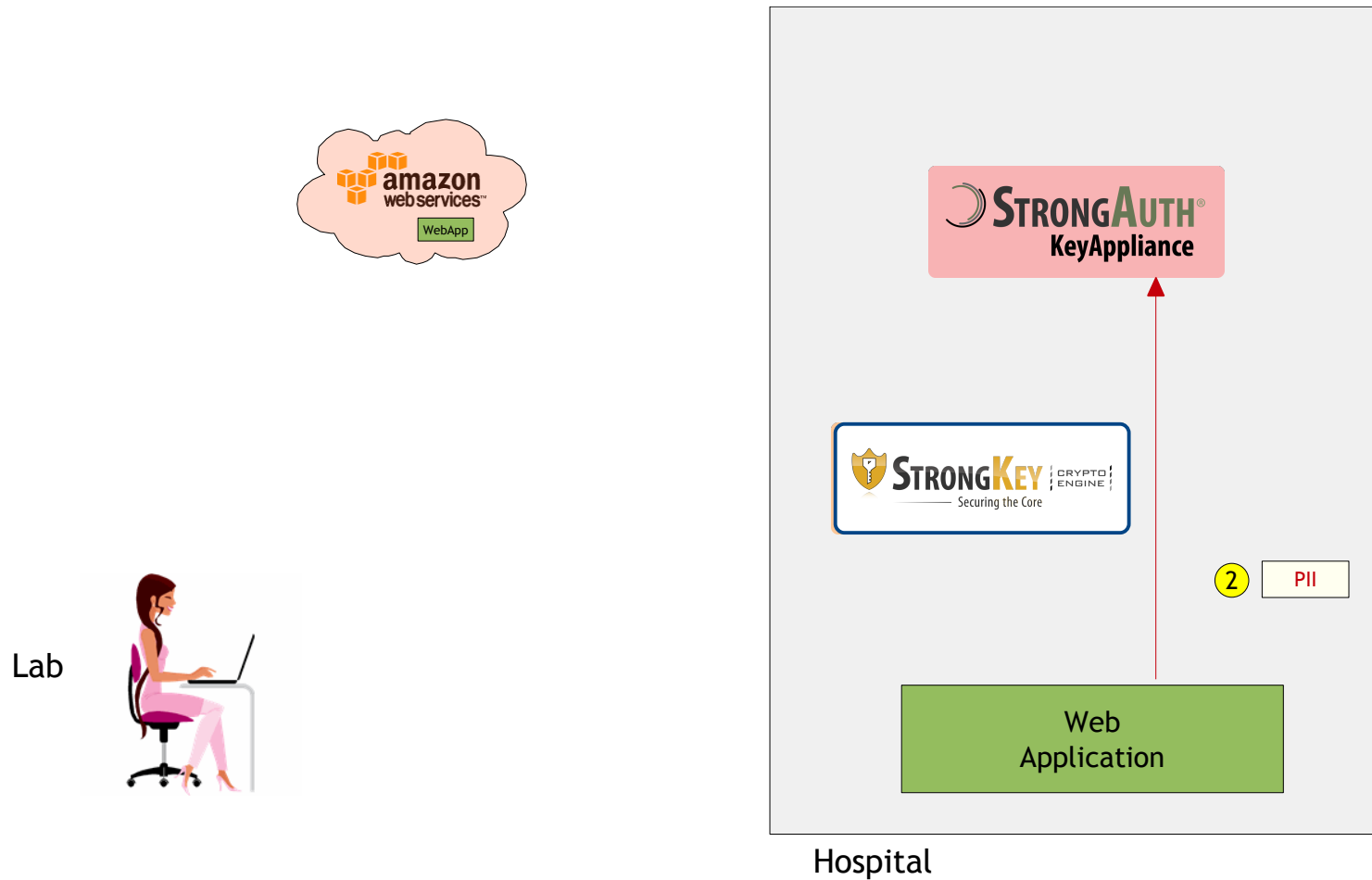


## SECURE CLOUD COMPUTING FOR HEALTHCARE

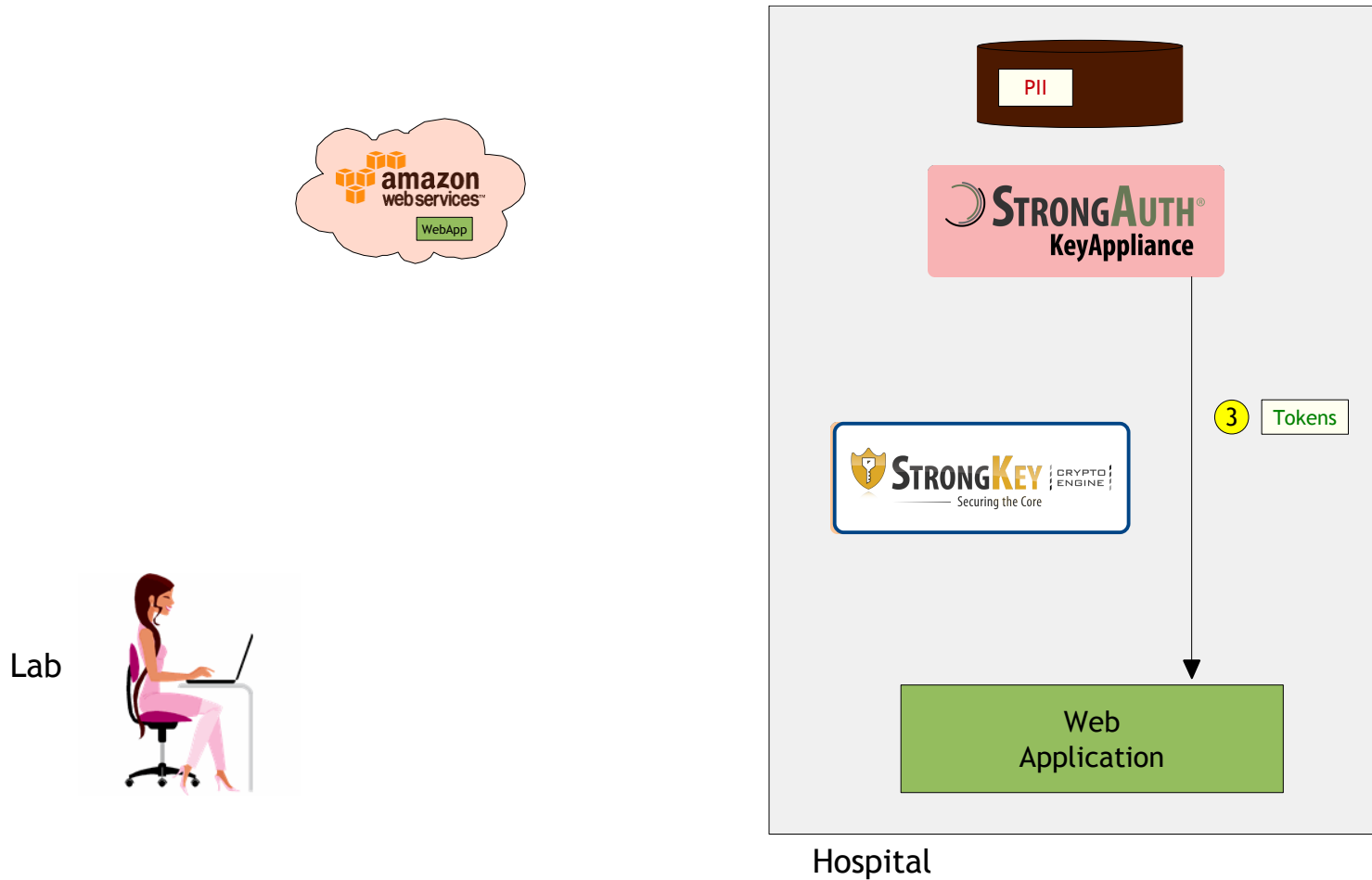
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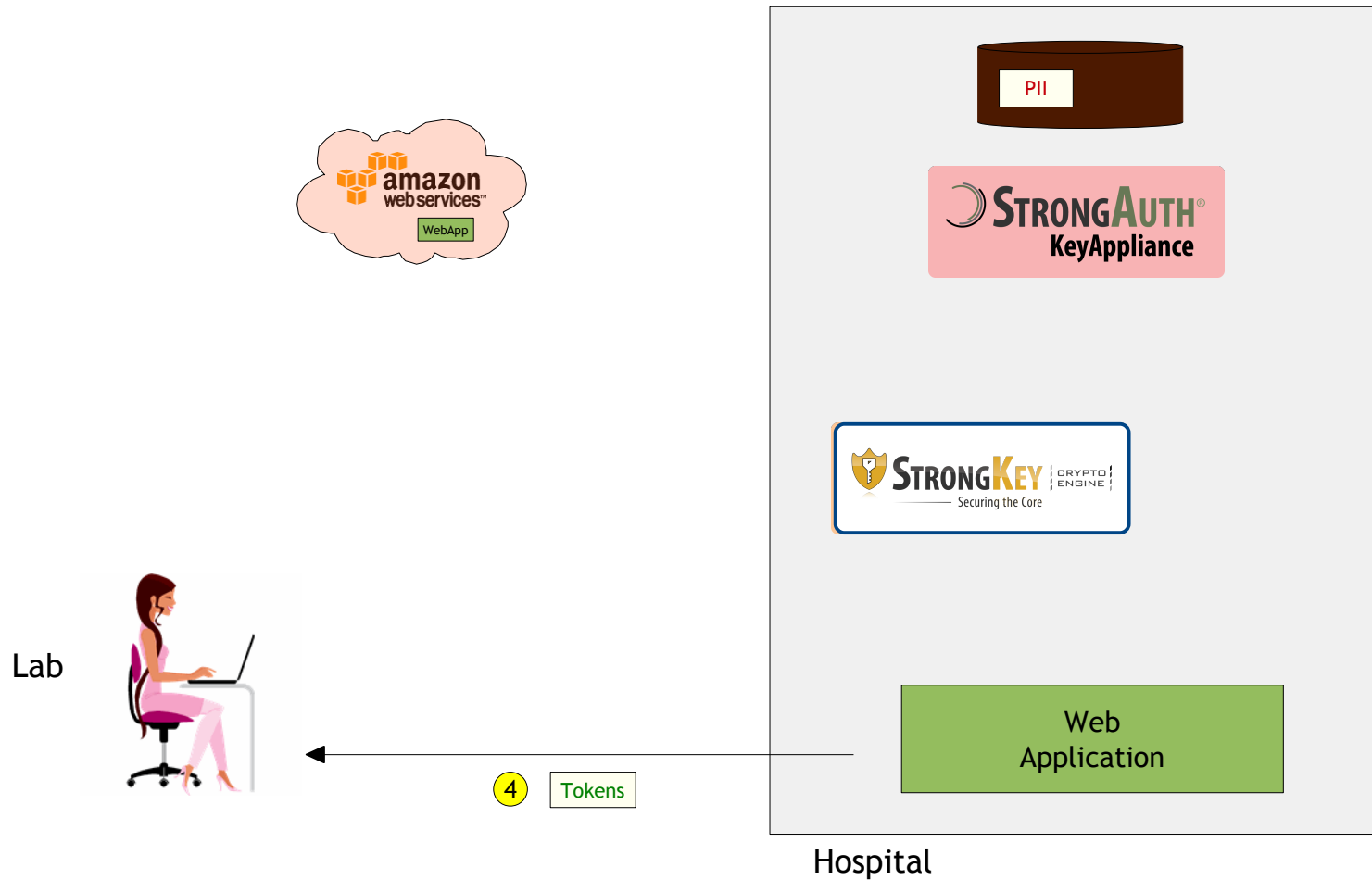
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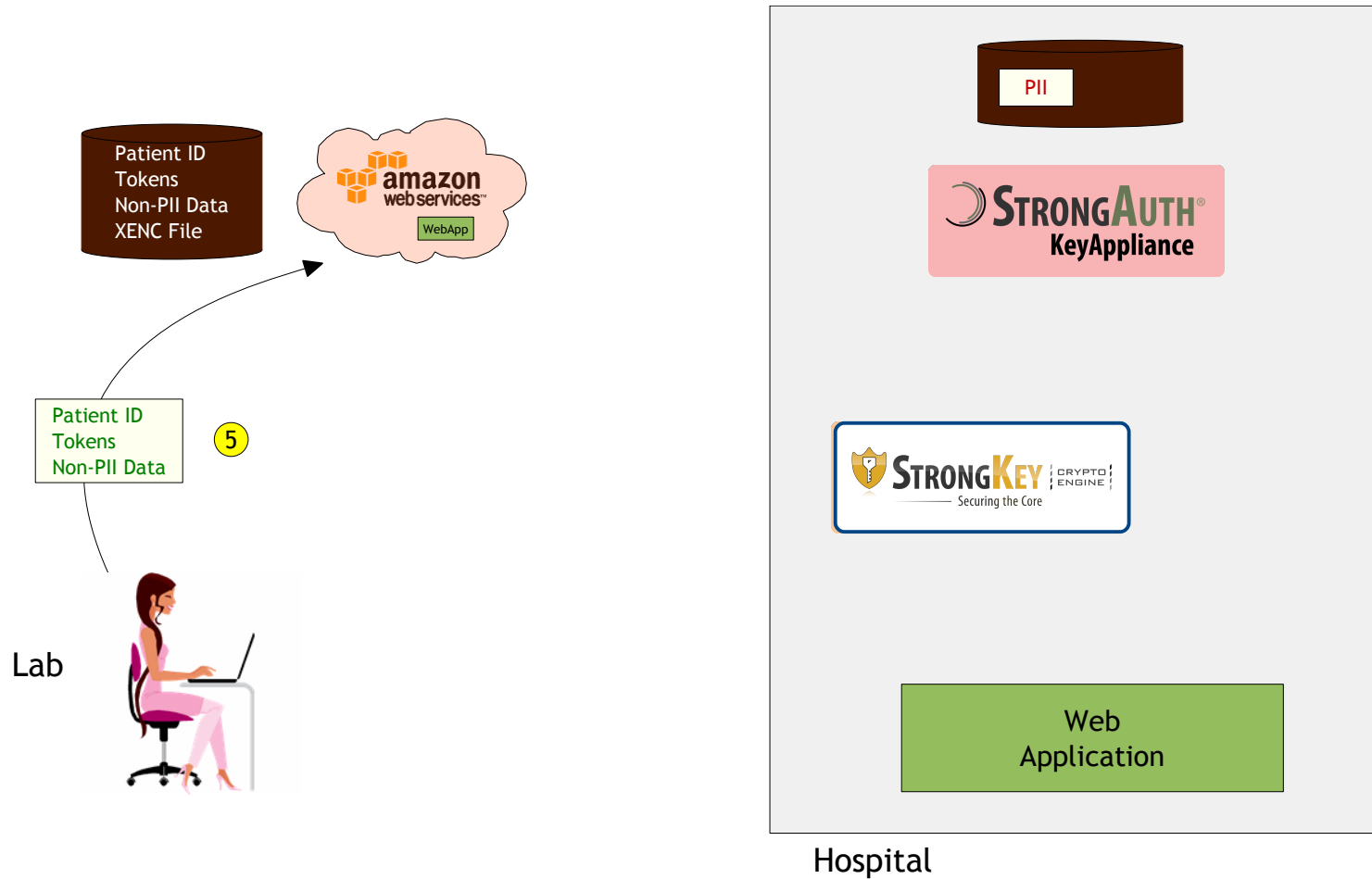


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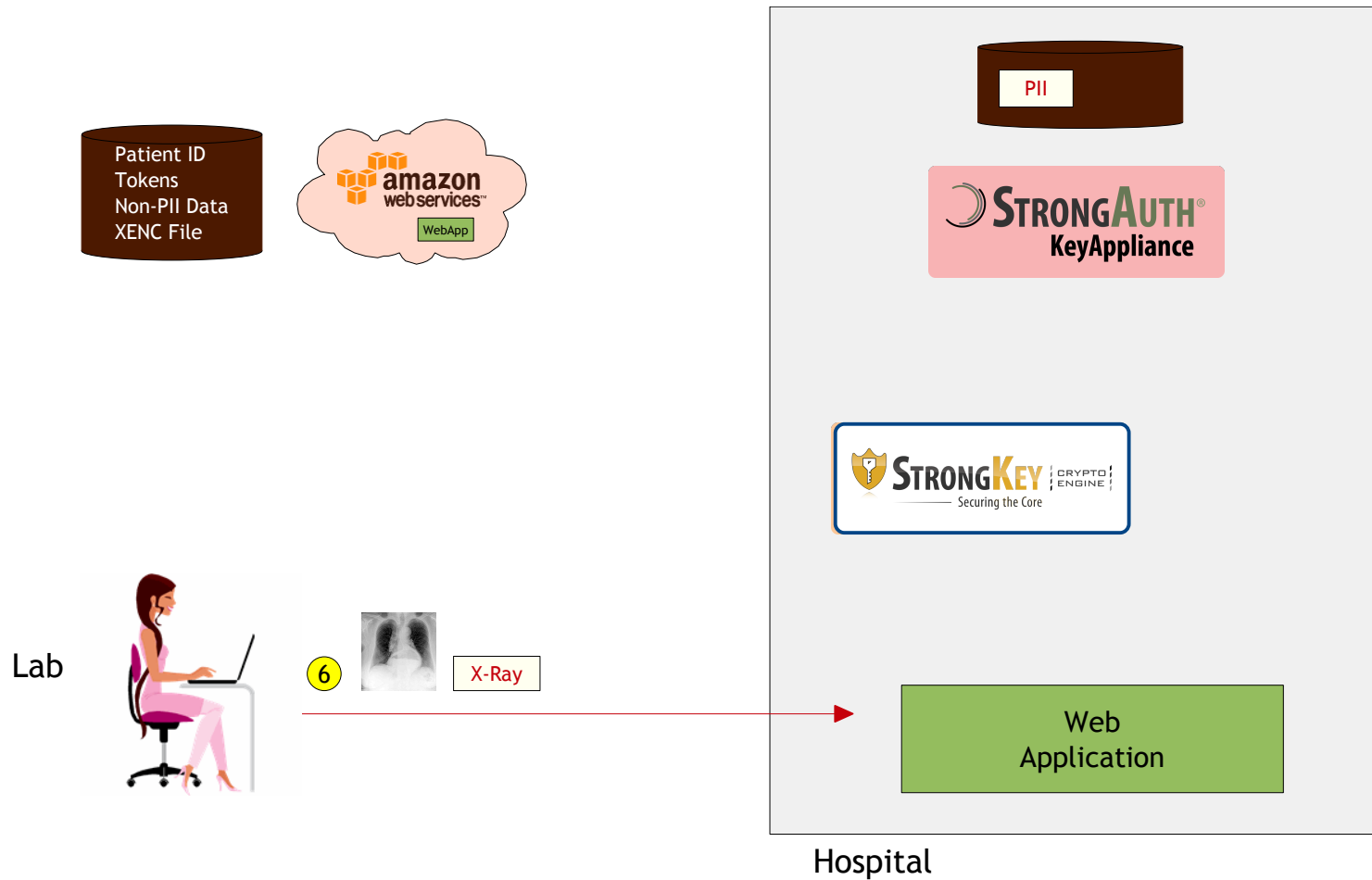
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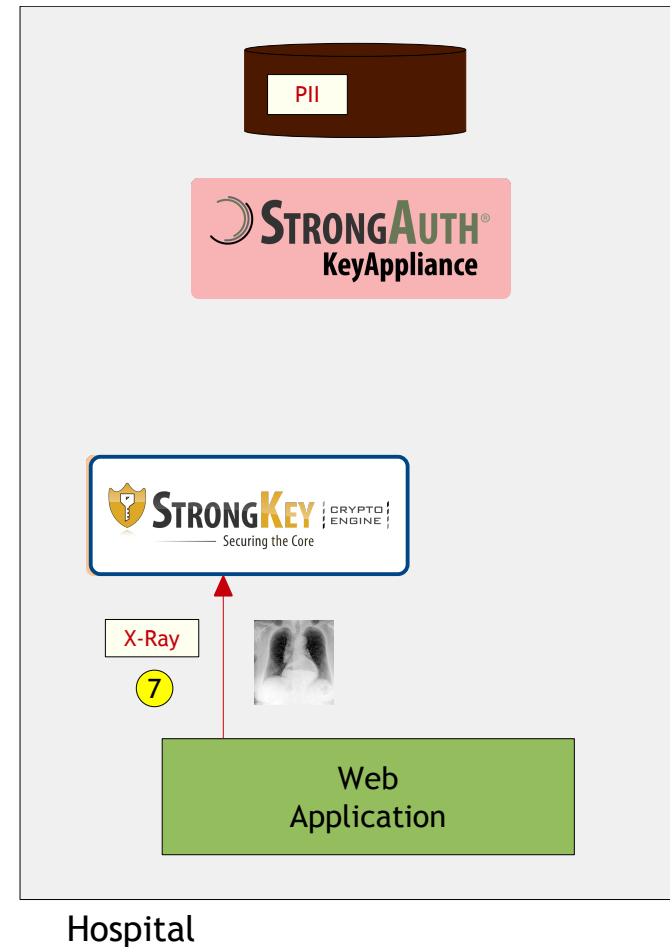
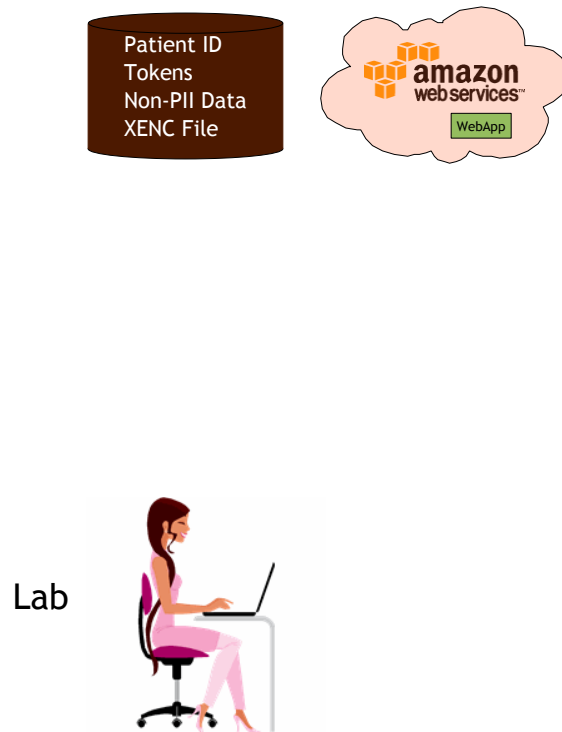


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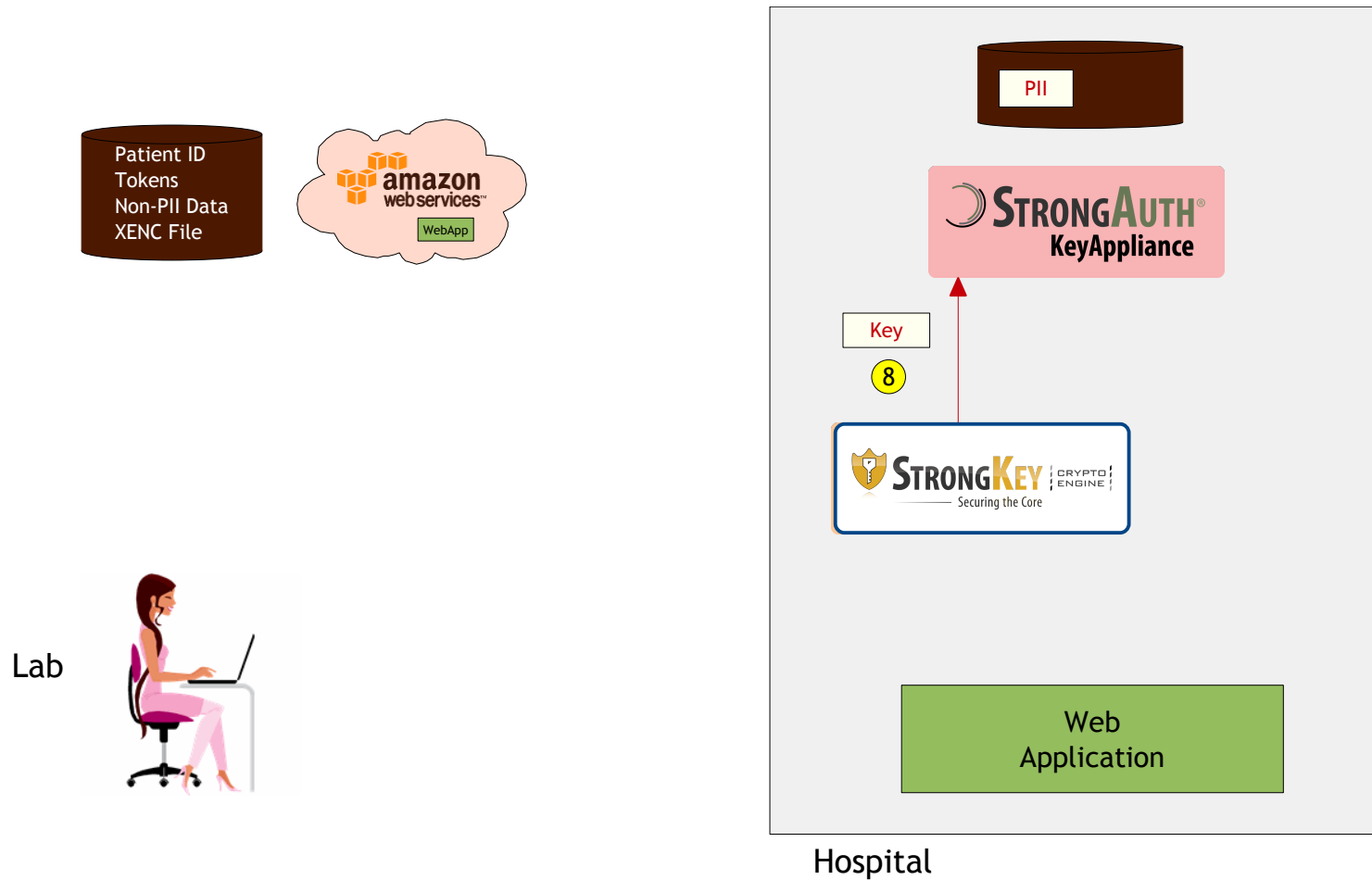




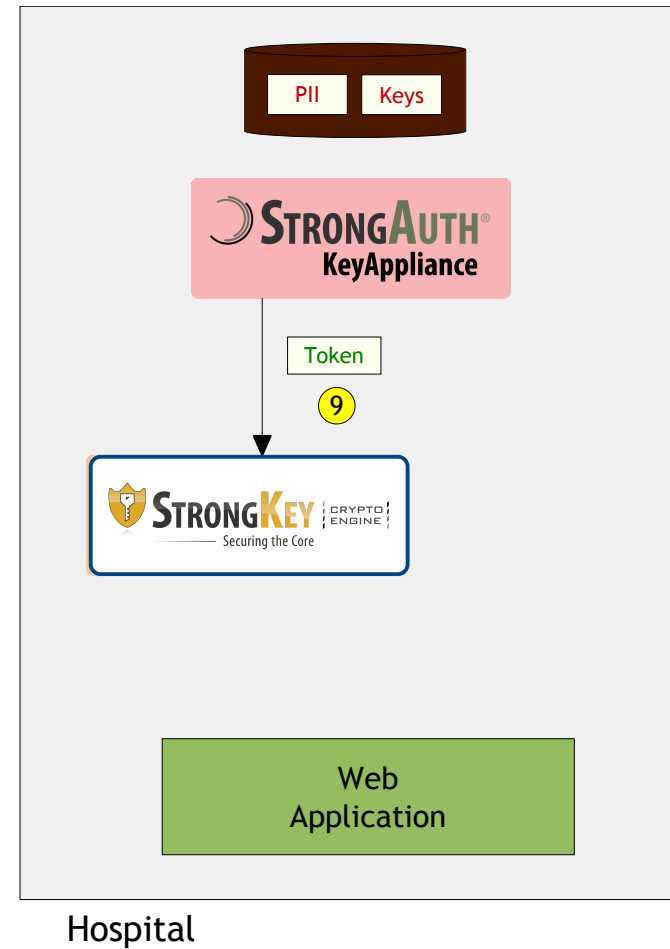
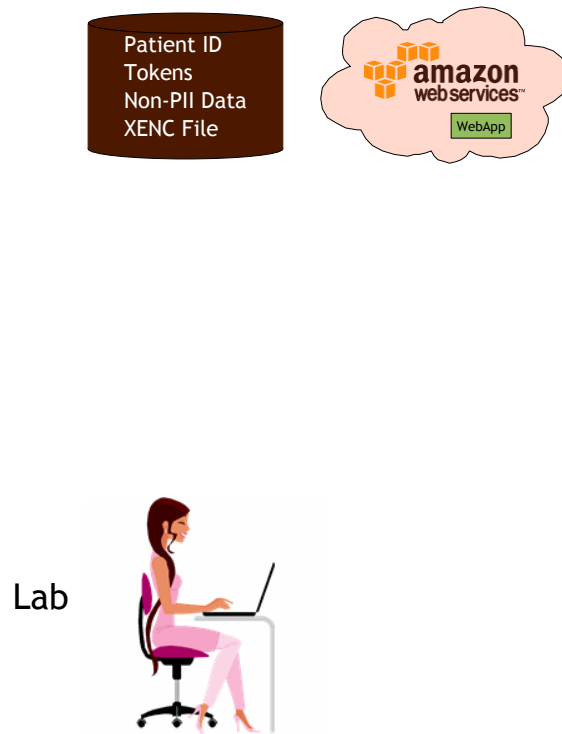
Radiograph:: Courtesy Diego Grez



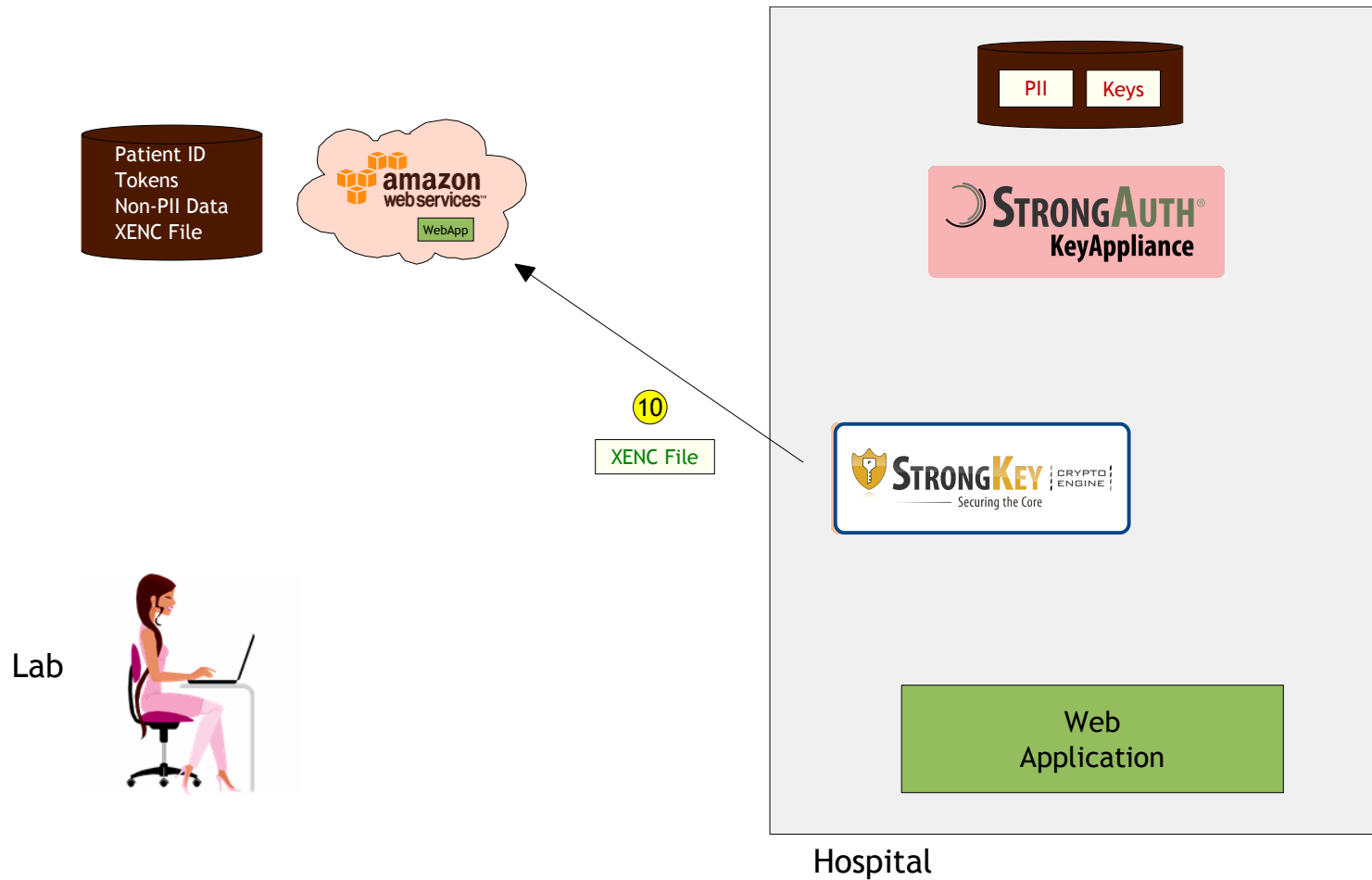
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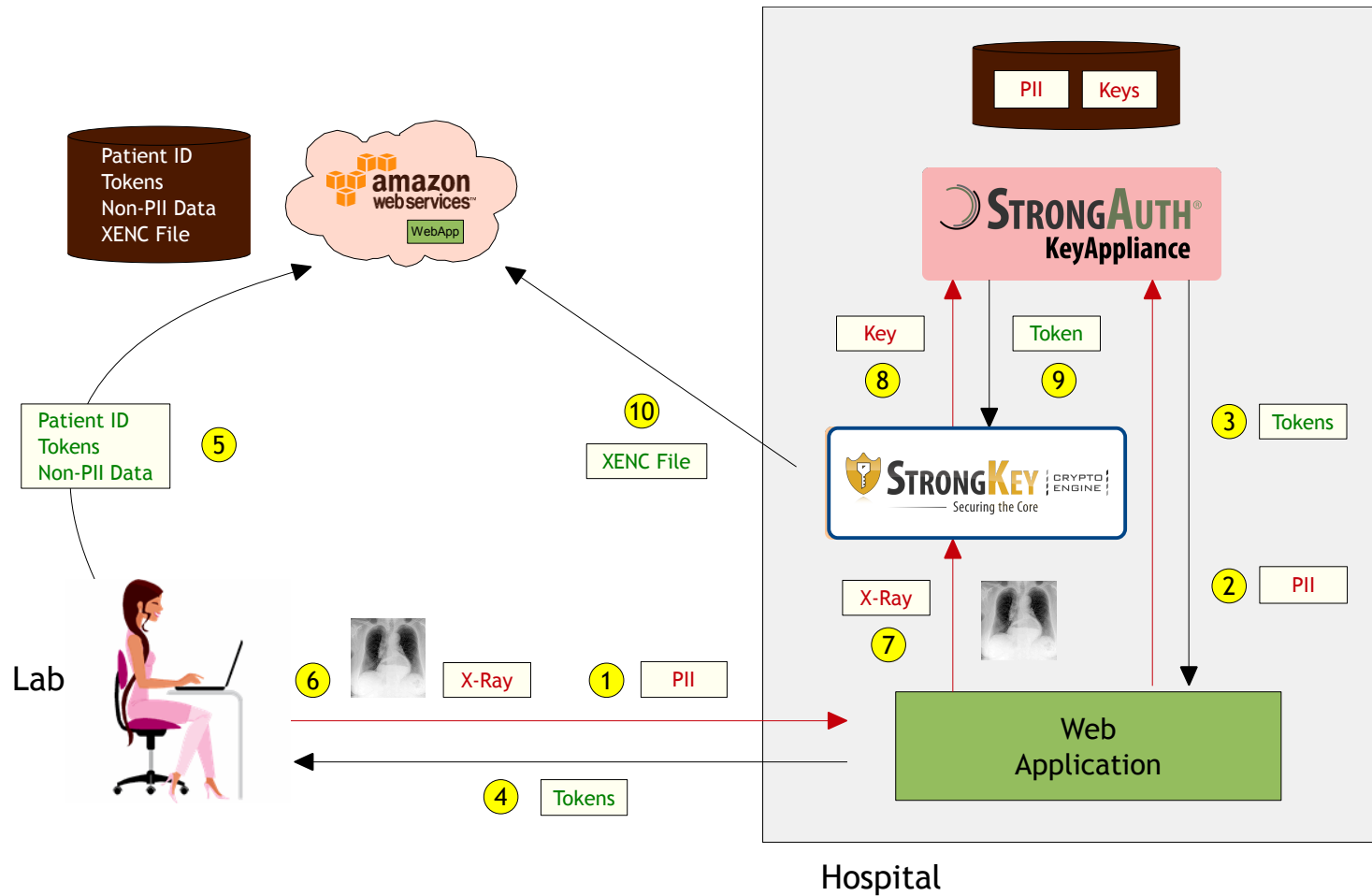
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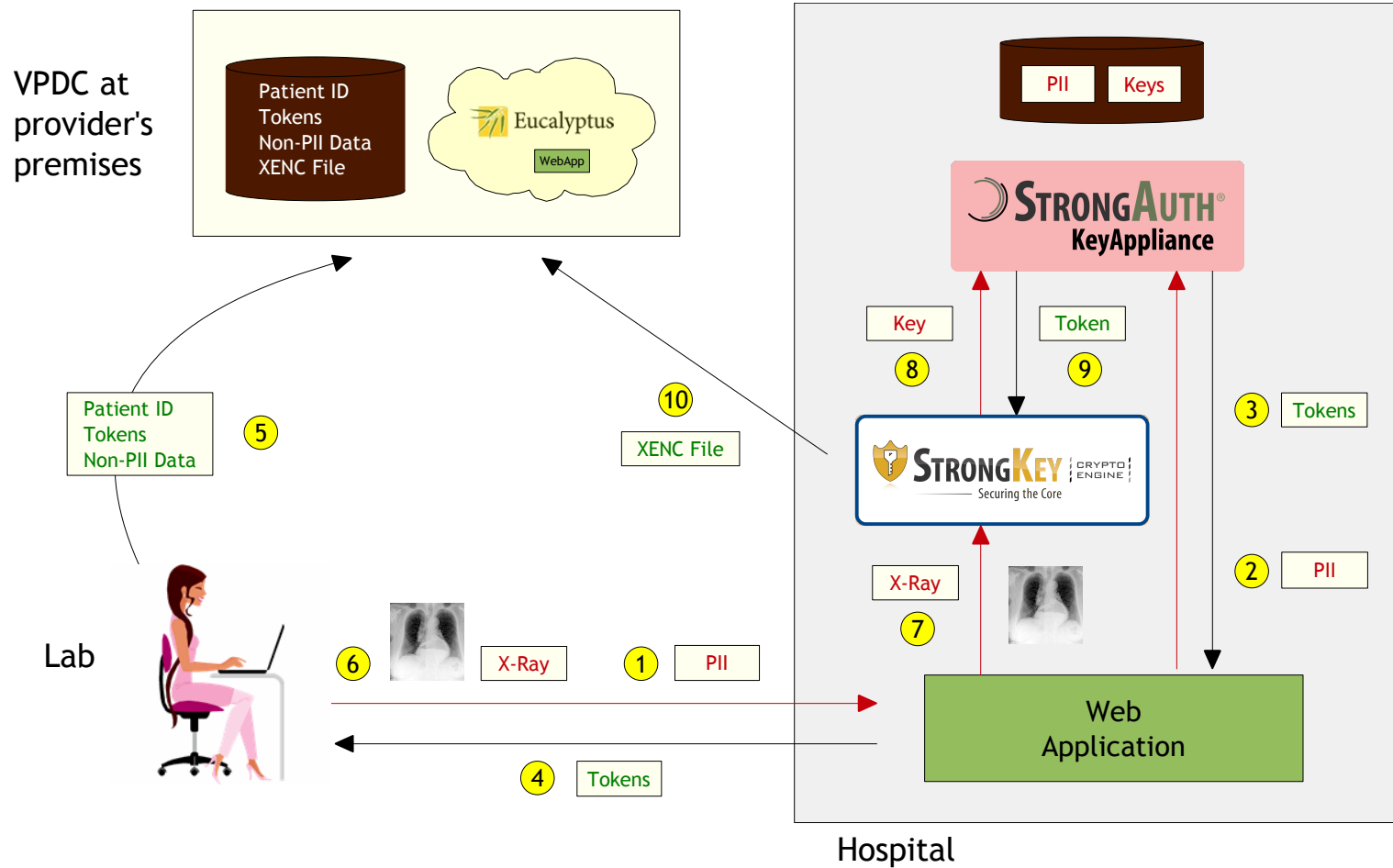


# SECURE CLOUD COMPUTING HEALTHCARE - PUBLIC CLOUD



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Radiograph: Courtesy Diego Grez