# BUSINESS LAYER

## BUSINESS COMPETENCIES

| | TRADE & HOMELAND SECURITY MARKETPLACE | PORTS | CUSTOMS & CARGO | TRANSPORTATION & PASSENGER SECURITY | CITIZENSHIP & IMMIGRATION SERVICES | INTELLIGENCE & ENFORCEMENT | EMERGENCY PREPAREDNESS & RESPONSE | ACCOUNT SERVICING | ENTERPRISE SERVICES |
|---|---|---|---|---|---|---|---|---|---|
| **STRATEGIC** | Global Trade Facilitation Strategy | Marketing Strategy | Strategic Trade Planning | Transportation Security Strategy | Immigration Policy & Program Planning | Enforcement & Risk Management Strategy | Emergency Response Planning | Accounting Servicing Strategy | Enterprise Strategic Plan |
| | Global Border Protection Strategy | Security Strategy | Cargo Operations Strategy | Passenger Operations Strategy | | Intelligence & Information Strategy Sharing | Domestic Preparedness Strategy | Account Management Strategy | Budget & Capital Planning |
| | Industry Partner Strategy | | | Baggage Operations Strategy | | Special Programs Planning | | | Personnel Policy & Workforce Planning |
| **TACTICAL** | International Agreements & Initiatives | Brand Agreement | Port Operations Center Performance Monitoring | Operational Performance Monitoring | CIS Performance Monitoring | Intelligence Effectiveness Monitoring | Domestic Preparedness Monitoring | Servicing Oversight | Regulations & Rulings |
| | Industry Partnership Performance Monitoring | Statutory & Regulatory Compliance Monitoring | Trade Compliance Monitoring | | | Enforcement Operations Performance Tracking | | Large Importer Process Quality Tactical | Grants Management & Tactical |
| | | | | | | | | | Legislative & Public Affairs |
| | | | | Workload Balancing | | | | | Privacy Policy & Advocacy |
| **OPERATIONAL** | External Market Analysis | Physical Port Security | Specialist Operations | Passenger & Crew Screening | Visa Application Processing | Intelligence Collection & Analytics | Emergency Response Command | Account Maintenance Services | HRM & Professional Development |
| | Service Innovation & Channel Management | Process & Logical Security | Global Supply Chain Monitoring | Passenger Passport Inspection | Visitor Tracking | Intelligence Product Development | Emergency Response Asset Management | Integrated Contract Management | Departmental Accounting & GL |
| | Joint Ventures | Supply Chain Monitoring | Container Tracking & Screening | Border Patrol Operations | Passport Application & Renewals | Data Management & Information Sharing | | Billing & Payment Processing | Acquisition & Procurement |
| | | Container Security Monitoring | Vessel Tracking & Monitoring | | Citizenship Application Processing | Targeting & Selection | | Account (Receivables) Management & Collections | Facilities & Asset Management |
| | | Port Logistics & Operations | Cargo (import) Screening & Inspection | | Visa & Citizenship Case Management | Command & Tactical | | | Revenue Accounting & Forecasting |
| | Global Integration & Collaboration | Port Employee Identification, Access Tactical & Monitoring | Agricultural Inspection | Baggage Screening | | Enforcement Case Management | Critical Infrastructure Response | | Grants Application Processing |
| | | | Laboratory Operations & Scientific Services | | | Enforcement Coordination, International | | License Permit & Registration Processing | Advanced Research Programs |
| | | Airport Baggage Handling Inspection | Investigations | | Background Investigations | Enforcement Coordination, Domestic | | | Technical Reference & Knowledge Worker Support |
| | | | Compliance | | | Seizures & Tacticalled Deliveries | | | Privacy Impact Analysis |

→ Business Service Renewal

### Business Definition

**Workflow defined by Business Competencies and Application Capabilities**

### Business Services

## BUSINESS PROCESSES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Order 2 Cash | Procure 2 Pay | Travel Management | Asset Accounting | Payroll | Corporate Reporting | Employee Accounts | RPP/DPR | Talent Management | Pension |
| Budget & AVC & Forecasting | General Accounting | Project Tracking | Asset Management | Time Costing | Program Accounting | Financial Statements | Reporting | Workforce Management | Language |
| Employee Payroll | Shared Information | Management Reporting | Asset Tracking | Project | Monthly Trial Balance | Proactive Disclosure | IP | Workforce Analytics | Classification |

PRI Generator

→ Business Process Optimization

### Task Definition

**Interfaces and Portal Services**

# APPLICATION LAYER

### Application Service

## SYSTEM SERVICES

*ERP*

| Financial Services | Material Management Services | Human Resources | Service Desk | Other | Border Systems |
|---|---|---|---|---|---|

## APPLICATION COMPONENTS

| Accounts Payable | Accounts Receivable | Finance | Funds Management | General Ledger | Talent Management | Approval Management | Security/Access Management | Shared Information | Inspection Program | Fingerprint Recognition | NEXUS | Professional Driver Registration Program |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Real Estate | Project System | Trade Systems | Controlling | Material Management | Self Service | Base Benefits | Environment | | Facial Recognition | Trade Compliance Program | Secure Trade Program | Customs Clearance | Shared Travel Service Initiative |
| Travel Management | Commercial Systems | Procurement | Inventory Warehouse | Salary Forecasting | Organizational Management | Workforce Management | | | Customs Self Service Program | Health, Safety & Security Programs | Commercial Freight Transport | Air & Commercial Carriers Program | Trusted Traveler |
| HR Mini Master | Standard Payment System | Special Purpose Legacy | Sales & Distribution | Investment Management | | | | | | Advanced Commercial Information Programs | Marine Ports Program | Global Entry |

→ SAAS Software As A Service

### Data Definition
### Data Service

## DATA COMPONENTS

DATABASE   DATABASE   LEGACY

### Platform Definition

# TECHNOLOGY LAYER

### Platform Service

**Platform As A Service**

→ PAAS Platform As A Service

## PLATFORM COMPONENTS

| Memory | Memory | Memory |
|---|---|---|
| CPU | CPU | CPU |
| Server | Server | Server |
| Storage | Storage | Storage |
| **Homogenous** | **Virtualization** | **Private Cloud** |

### Infrastructure Definition
### Infrastructure Service

## INFRASTRUCTURE COMPONENTS

| **Servers** | **Servers** | **Servers** | **Servers** *Traditional Infrastructure* | **Mainframes** *Mainframes for Human Resources and Finance systems only* |
|---|---|---|---|---|

→ IAAS Infrastructure As A Service

**Network**    **Network**