



SECURITY,

POWER & FLEXIBILITY

with the PerfectMind PaaS



Perfect**Mind** Parks & Recreation Software



Security in an enterprise environment requires exceptional infrastructure, management, testing and encryption standards. What was once the sole concern of IT departments has now become increasingly relevant to all roles within an organization. The management and security of data in an enterprise environment can have a significant impact on customer experiences and the ability to shape a given community. Utilizing a robust, modular platform hosted on a secure and agile infrastructure allows organizations to evolve naturally and provides administrators with mechanisms for orderly problem solving and rapid issue resolution.

PerfectMind is trusted by a variety of cities, municipalities, parks and recreation departments as a stable and secure Platform-as-a-Service (PaaS). The platform is configured to outfit every organization's unique business model, adapting and scaling accordingly with size, programming, and logistics.

INFRASTRUCTURE and **M A N A G E M E N T**

PerfectMind's robust management solution is rooted in its infrastructure.

Although SaaS is a popular cloud computing service among consumers, PaaS ensures long term scalability and customization through the ownership of its applications. This is most appropriate for organizations and businesses due to complex transactions and interconnection between multiple third-party platforms for payment processing, databases, and more.



IaaS

Infrastructure-as-a-Service

Host



PaaS

Platform-as-a-Service

Build



SaaS

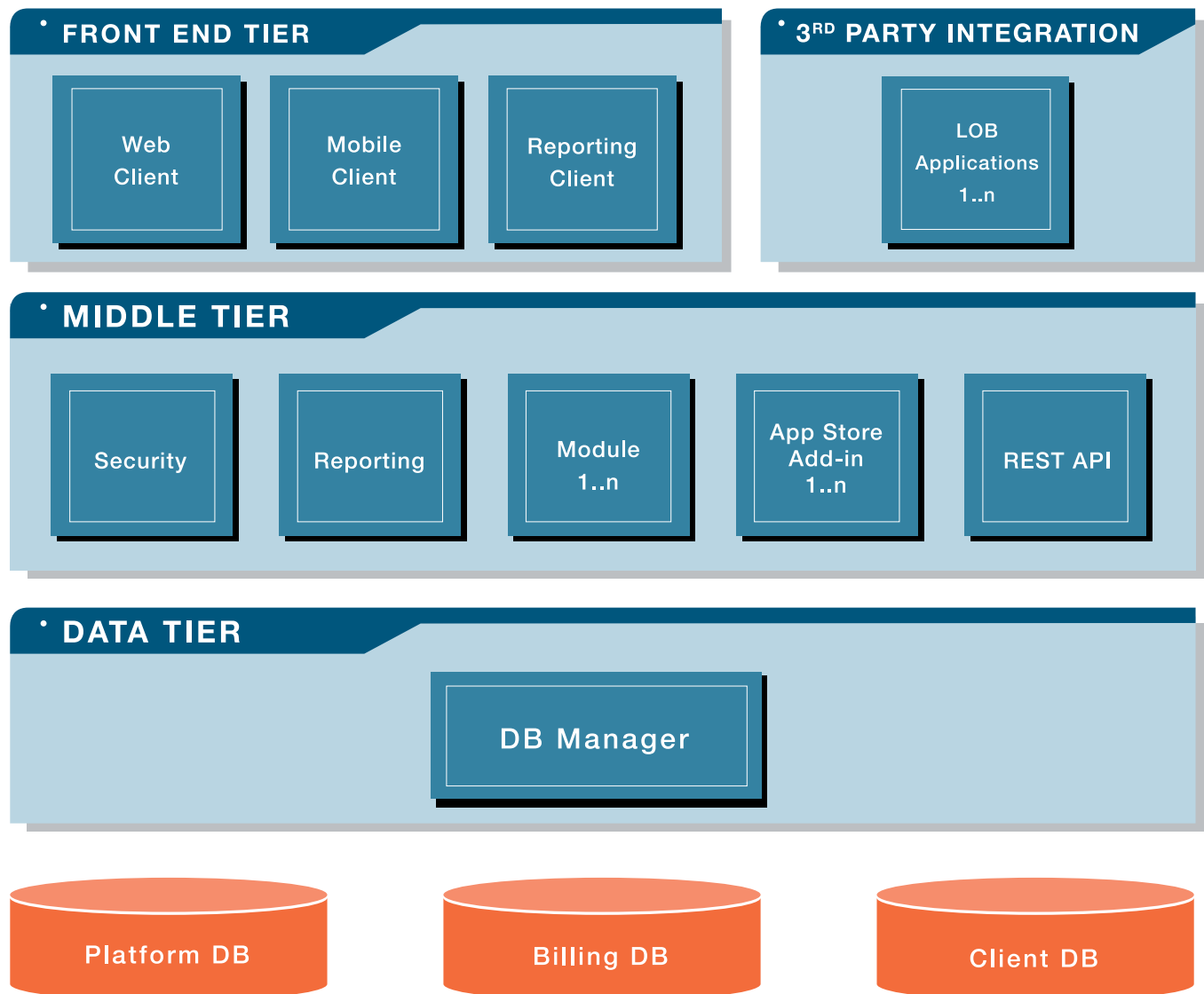
Software-as-a-Service

Consume

This efficiency affords organizations with reduced costs and time spent on maintenance and upgrades. Another advantage is the integration of web services and databases: PaaS applications overcome SaaS limitations of capacity for short-term management of data. A modular framework permits features to be added or removed as required, without the need for customizing separate implementations. For-profit and non-profit organizations save on lower implementation costs and ever-evolving organizational needs. Having access to PaaS (otherwise managed by vendors through SaaS) ensures modifications can be made anytime.

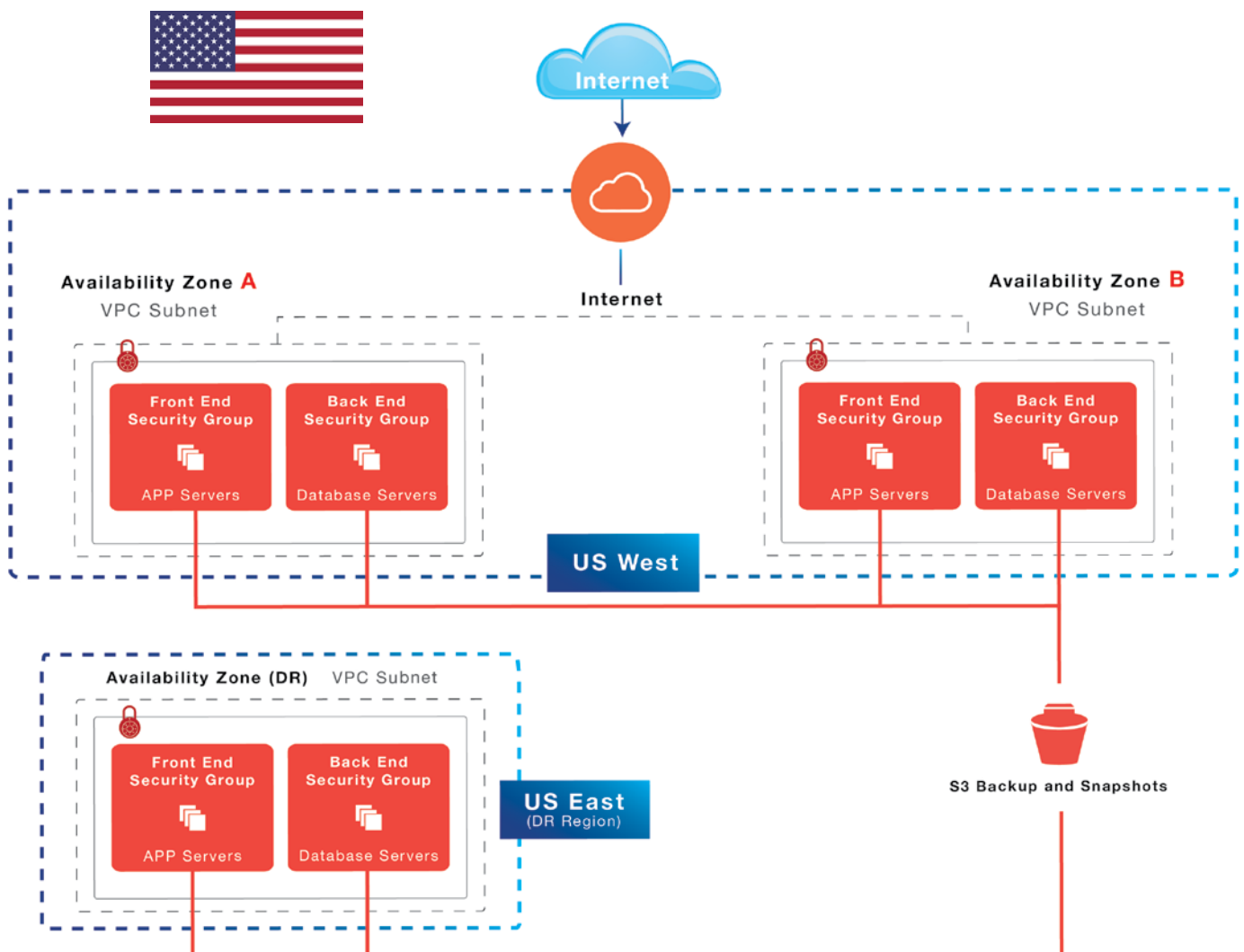
By minimizing interruptions with PaaS: application management and customization can be completed through quick testing, multi-compatibility deployment, and dynamic allocation. When it's undetected by active end-users, organizations save their customer service from disruption. This is an ideal method for organizations processing thousands or millions of transactions monthly, providing excellent service for customers.

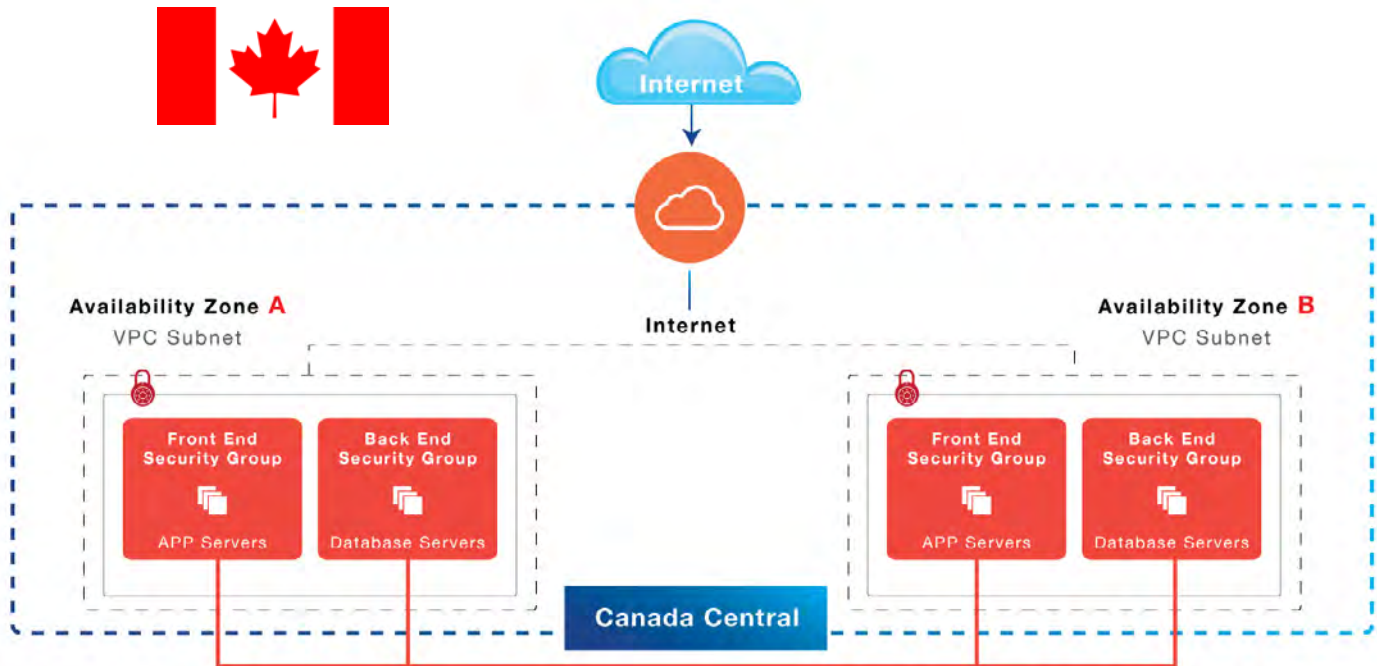
System Architecture



Through a security-first development approach, businesses are equipped to control their own app-level access, user auditing, user time limits, and specific IP access. Access profiles and role-based permissions are easily configured to associate the appropriate staff with their necessary functions. Some profiles that are most commonly used to dictate access are customers, instructors, operations, managers, or customer service representatives. With organizations defining their profiles, PerfectMind can analyze and report on any and all data. There are no restrictions on the number of profiles and role-based permissions.

The integrity of any PaaS environment is determined largely by the strength of the infrastructure it runs on. PerfectMind is hosted on Amazon Web Services (AWS) in the United States and Canada. AWS in both countries meet industry standards at 99.95% up-time with 24-hour backup.





Amazon AWS EC2 infrastructure utilizes Amazon Web Services and likewise are fully staffed data centers with security access on a strict, privileged basis. All security measures such as personnel, video surveillance, and access restrictions are enforced 24/7/365. With multiple geographic regions and availability zones in case of failure modes, such as natural disasters and/or system failures, accessibility and resilience are maintained for organizations and their customers. Infrastructure are built to a minimum of N+1 redundancy.



TESTING and **ENCRYPTION**

Enterprise security extends beyond the management of data and compliance with an organization's costs. The elasticity of PaaS affords this control with its structural nature empowering businesses of all sizes.

On a monthly and quarterly basis, testing is diligently scheduled and quality assurance is achieved. ITIL Security management, based on ISO 27001 standard, and ITSM Change Management are in effect and fulfill requirements for establishing, implementing, operating, monitoring, reviewing, maintaining, and improving a document security management system.

Firewalls offer protection of servers and restrict ACLs, scanned monthly and quarterly for vulnerability or penetration. All PerfectMind client data is encrypted for the best protection throughout individually dedicated databases. Client data is encrypted during transmission using HTTPS protocol and production servers are assessed and scanned monthly by a third-party security service provider.

Encoded information includes any and all financial information, passwords, and sensitive data: these are limited to select individuals within the company and are consistently reviewed and periodically revoked. More specifically, login and post login pages are secured via SSL and encrypted with Triple DES. Encryption also extends to all backups which are then replicated through various geo-redundant datacenters to ensure availability and minimal data loss in case of failure.

PerfectMind is diligent about protecting customer transactions and financial details. Tokenization is used so client credit card data is never stored but always protected. PerfectMind maintains the highest level of credit card security (PCI-DSS Level 1) ensuring that customer data is never compromised. All third-party payment merchants are also PCI compliant. Strong partnerships with third-party payment merchants enable businesses to serve their customers conveniently.



PerfectMind

For more details about PerfectMind parks and recreation management software or to see the industry's first PaaS solution in action, call **1-877-737-8030** or visit **perfectmind.com**