

Payment Manager 2.1 Release Overview

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Objectives of 2.1 Release

- Usability
 - Simplified Install and Administration
 - User Interfaces
- Enable Hosted Providers
- Unified Programming Interface
- Enhance the SET cassette
- CyberCash cassette



Enable Hosted Providers

- HTML-based User Interface
 - Multi-user
 - Multi-language
 - Multi-currency
- Per-Merchant Administration
- Access Control
- Dynamic Configuration Update



Unified Programming Interface

- HTTP/XML Command Interface
 - Authentication
 - Access Control
 - Optional SSL
- Administration Commands
- Query Commands
- Event Notification

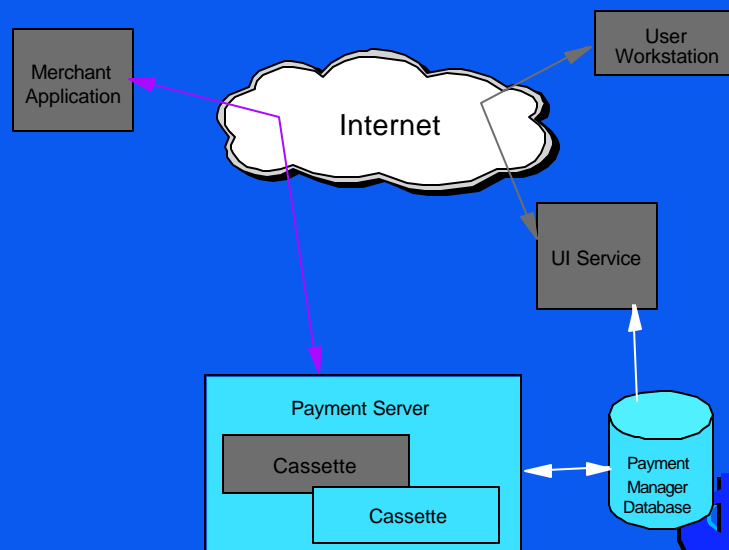


Enhance SET Cassette

- Improved Certificate Handling
- Simple Batch Management
- AVS
- Sale Detail
- Separate Install



1.2 System Architecture



Payment Server 1.2

3rd Party Software

Key

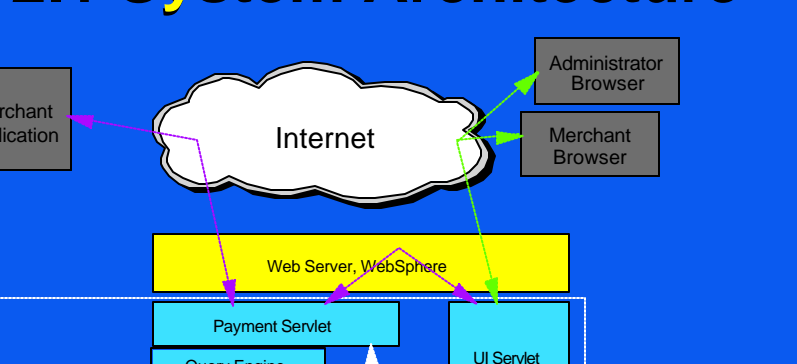
"Socket" API

3rd Party Comm

SQL



2.1 System Architecture



The diagram illustrates the system architecture, showing the flow of data and components involved in a payment system. The architecture is divided into several layers and components:

- Internet:** The central hub for communication, represented by a cloud.
- External Applications:** Merchant Application, Administrator Browser, and Merchant Browser, all connected to the Internet.
- Web Server, WebSphere:** The primary server layer, represented by a yellow box, which receives requests from the Internet and the Merchant Application.
- Payment Servlet:** A component that interacts with the Web Server and the Payment Engine.
- Query Engine:** A component that interacts with the Payment Servlet and the Payment Engine.
- Payment Engine:** The core processing component, represented by a large blue box, which handles payment transactions and interacts with the Query Engine and the Payment Manager Database.
- Payment Manager Database:** A database component that stores payment-related data and is connected to the Payment Engine.
- Payment Manager:** A component that manages the payment process, represented by a cylinder, and is connected to the Payment Manager Database.
- UI Servlet:** A component that interacts with the Web Server and the Payment Engine.

The diagram uses various colors and shapes to represent different components and their interactions. Arrows indicate the flow of data and control between the components. The overall architecture is designed to be scalable and secure, with a clear separation of concerns between the different layers.

