delaPlex
we solve problems

2970 Clairmont Rd NE, Suite 130, Atlanta, Georgia 30329
+1 (404) 876-3334 | sales@delaplex.com
www.delaplex.com

Process and logistics management system

Inventory Lifecycle Automation

About the client

Apto Solutions has been instrumental in the evolvement of the IT Asset Disposition (ITAD) industry from a loosely controlled collection of equipment brokers to a tightly controlled industry based on service, best practices, and oversight. As a global ITAD Leader that develops advanced software tools to make IT asset disposition easy, automatic and transparent, Apto gives their clients everything they need to manage the associated risks and complexities with confidence and maximum value recovery.

Client need

Apto needed to create a smart, secure, and comprehensive method for repurposing and tracking used IT equipment and assets. A critical component of this process required integrating their IT asset disposition process with inventory warehousing and asset deployment.

Product challenges

Apto needed to easily track received assets, produce client receipts, and generate real-time reports, including status data for client accounts and assets and devices prior to the resale/recycle. To accomplish these capabilities, the solution required a single web-based application using an Enterprise Layered Security Strategy.

The delaPlex solution

delaPlex developed a digital management system to automate operations and eliminate manual processes. The enterprise software application delivers advanced capability to provide real-time visibility and systemized control to significantly improve ITAD processes and overall results.
The system delivers end-to-end, digital life-cycle automation, including inventory management, customer data, and sales processes. Smart, centralized decision-making affords Apto a higher level of confidence in data and brand protection.

How we did it

The delaPlex dedicated team of software developers conducted an industry requirements analysis, implemented a client-specific IT infrastructure and deployed an enterprise level 2 security.

— **Project Management Tools**
   GitLab

— **External system integration**
   QuickBooks Enterprise Solutions 13.0
   Salesforce SaaS CRM

— **Multi source data integration tools**
   Talend, JasperReports Server, Integration of
   EcoATM, FutureDial API's, Remote Data Sharing
   Server (RDS) Server

3rd party external systems were integrated using both .NET and PHP technology stacks to deliver a wholly functional IT Asset Disposition Management System.

.NET: ASP.NET, MVC-4 with RAZOR, C#, Entity Framework, LINQ, JavaScript, J-query, AJAX, JSON, XML, JQ GRID MS SQL

PHP: NetBeans, SublimeText3, Laravel, MySQL jQuery, AJAX, JSON, XML, Bootstrap

Core stack

delaPlex is a global software development and business solutions provider helping companies drive growth, revenue and marketplace value. Our innovative business methodology has built an unmatched reputation of bringing an alliance of collaborative industry experts, across industries and skillsets, to clients anywhere around the world.

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