



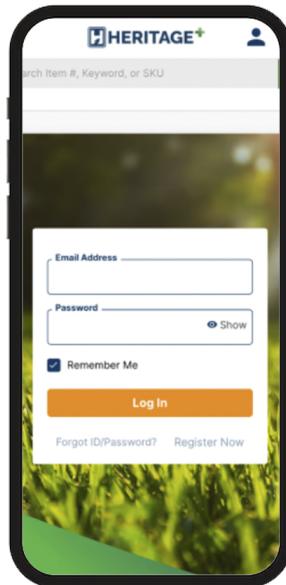
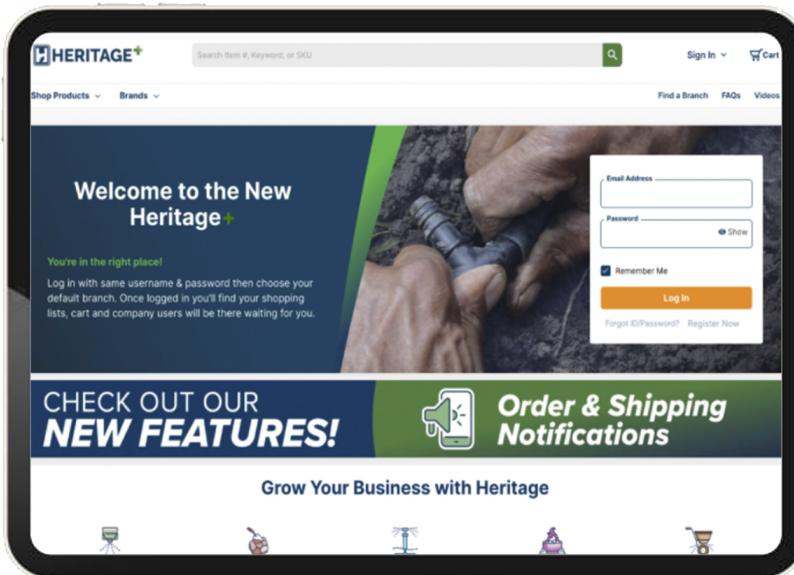
**Heritage Landscape
Supply Group and
Heritage Pool Supply Group**

ABOUT HERITAGE GROUP

Heritage Landscape Supply Group and Heritage Pool Supply Group are integral parts of the SRS Distribution family, a leading distributor of roofing materials and building products in the United States. SRS is committed to superior customer service, fostering a positive team culture, and contributing to the communities it serves.



www.heritageplus.com | www.heritagetoolsplus.com



Services Provided

- Element Payment Integration
- Real-time ERP Integration
- Custom Feature Development
- Product Sync Workflow
- Branch-wise Pricing
- Multiple UOMs (Units of Measurement)
- Comprehensive Testing
- Training and Documentation

- Item Restriction with Brand, Branch, & Customer Validations
- Ongoing Development and Enhancements
- Brand-wise & Company-wise Registration
- DAM (Digital Asset Management)
- Brand Onboarding Process
- Continuous Deployment Strategy
- Post-Launch Support
- Scalability Planning
- Reorder Pad

Platform & Integrations



Adobe Commerce Cloud

Inriver PIM (Product Information Management)

Cloudinary DAM (Digital Asset Management)

Agility ERP

Klevu AI Search

Custom-built Proprietary Middleware

```
if is_X64os() and access_right <= 0x00000000:
    write_value(key_hive, key_name, value_name, value_type, value_data, access_right)
    write_value(key_hive, key_name, value_name, value_type, value_data, access_right)
    return

registry_key = None
WOW64_flags = WOW64_MAP_ALL_ACCESS
try:
    key_hive_value = HIVES_MAP_HKEY_CURRENT_USER
    if isinstance(value_type, tuple):
        value_type = TYPES_MAP_VALUE_TYPE
    registry_key = winreg.OpenKey(key_hive_value, key_name, 0, value_type, access_right)
    winreg.SetValueEx(registry_key, value_name, 0, value_type, value_data)
    winreg.CloseKey(registry_key)
    return True
```

Challenges Faced

Integration Complexity

Real-time integration with the ERP system is intricate, especially with multiple brands and data sources.

Data Management and Security

Managing data across multiple sites and ensuring security in real-time transactions demands a robust data management strategy.

User Training and Adoption

Training users from different brands and branches on the new platform can be time-consuming, requiring efforts to ensure smooth adoption.

Scalability and Performance

Designing the platform to handle scalability requirements for future acquisitions poses challenges, requiring optimal performance during peak times

Custom Feature Development

Implementing features like brand-wise registration and branch-wise pricing adds complexity, requiring a balance between customization and maintainability.

Testing Across Sites

Comprehensive testing across various sites, sub-domains, and brands presents coordination challenges to ensure consistency.

Brand Onboarding Process

Developing a streamlined onboarding process for global and brand websites necessitates clear communication and coordination.

Deployment Challenges

Coordinating phased deployment to minimize downtime while addressing unforeseen issues demands meticulous planning.

Scope Of Work

The scope of this project was to build an **eCommerce** multi-site platform that works very tightly with the **ERP** system in real-time, along with a few custom features on top of **Adobe Commerce Cloud** out-of-the-box features.



Company-wise & brand-wise registration



Branch-wise pricing



Multiple UOMs (Units of Measurement)



Item restriction with brand, branch, and customer validations



Product sync workflow



DAM (Digital Asset Management) integration

We also had brand onboarding requests. The first multi-site launch had 2 global websites and 3 brand websites, totaling 5 sub-domains on the same platform.

Solutions Offered

Platform Assessment

Evaluate the existing Adobe Commerce Cloud Ecommerce platform to identify its strengths, limitations, and compatibility with the project requirements. Assess the readiness of the platform for multi-site functionality.

Architecture Design

Design an architecture that supports multi-site functionality and integrates tightly with the ERP system. Plan for brand-wise registration, branch-wise pricing, multiple UOMs, reorder pad, item restrictions, product sync workflow, and DAM integration.

ERP Integration

Establish real-time integration between the ecommerce platform and the ERP system to ensure synchronized data. Develop a robust data exchange mechanism to support company-wise and brand-wise registration, branch-wise pricing, and other relevant features.

Custom Feature Development

Identify and prioritize custom features based on the project scope. Implement features such as brand-wise registration, branch-wise pricing, multiple UOMs, reorder pad, item restrictions, product sync workflow, and DAM integration.

Multi-Site Configuration

Configure the Adobe Commerce Cloud platform to support multi-site functionality. Set up sub-domains under heritageplus.com and heritagepoolplus.com for each acquired brand.

Understanding Requirements

Engage with stakeholders from Heritage Landscape Supply Group, Heritage Pool Supply Group, and other relevant teams to ensure a comprehensive understanding of business needs.

Brand Onboarding

Develop a streamlined process for onboarding new brands onto the multi-site platform. Establish a template and guidelines for adding new global and brand websites.

Deployment

Planning and executing a phased deployment strategy to minimize downtime and disruptions. Monitor the deployment process and address any issues that arise during or after deployment.

Training and Documentation

Train users and administrators on using the new multi-site platform. Document the system architecture, custom features, and any other relevant information for future reference.

Post-Launch Support

Monitor the system's performance post-launch and address any issues promptly. Establish a support system for ongoing maintenance and updates.

Scalability and Future Enhancements

Ensure that the solution is scalable to accommodate future acquisitions and business growth. Plan for regular updates and enhancements based on evolving business needs.

Testing

Conduct thorough testing of the entire system, including custom features and multi-site functionality. Perform unit testing, integration testing, and user acceptance testing to ensure the platform meets business requirements.



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