



SourceFuse

Helping businesses evolve through technology

Modernization-Led Migration

Unlock the full potential of the cloud by embracing a cloud-native strategy

SourceFuse

SourceFuse is transforming the way today's most successful companies adopt strategic digital transformation through cloud-native technologies.

- Strategic Cloud Migration
- Modernization - Legacy App & Database
- Custom Application Development
- Data & Analytics
- Cloud Managed Services

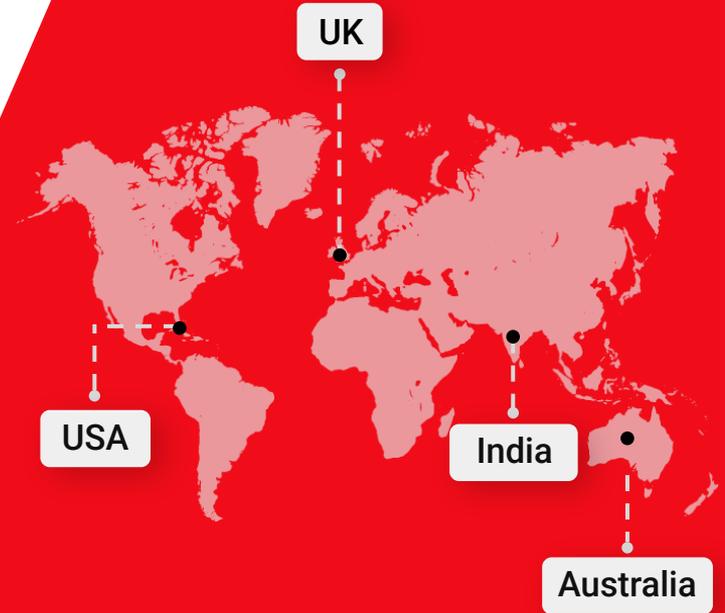
650+

Global
Employees

18+

Years of
Experience

4 Global Locations Across



SourceFuse is “All-In” on AWS



Why does the business problem needs to be addressed



Running on end-of-life hardware & software



High licensing costs & vendor lock-ins



Increased technical debt of legacy systems



Increased compliance & security concerns



Lacking on-demand business scaling capabilities



Insufficient operational visibility

SourceFuse's Cloud **Modernization Led Migration** Approach



 API First Model	 Containerization	 Serverless	 Microservices
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 Inbox	 Audit log	 Payment	 Feature Toggles
 Notification	 Authentication	 Full Text Search	 BPMN
 Scheduler	 Chat	 Video Conferencing	

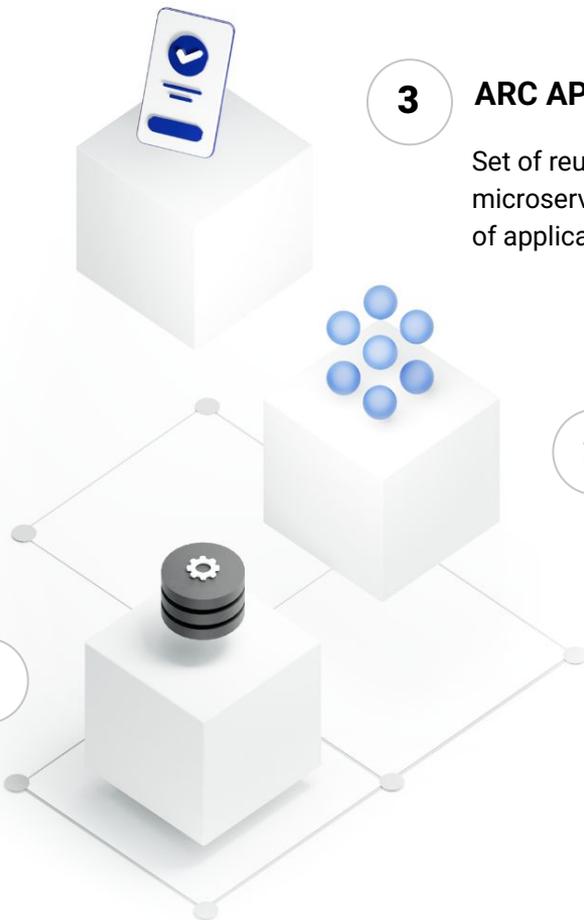
Accelerate Deployment with **ARC** by SourceFuse

A true differentiator in the industry, ARC by SourceFuse eliminates the repetitive, time-consuming & labor-intensive work for every cloud-native solution by leveraging:

ARC IaC

Collection of Infrastructure as code modules to roll-out secure and scalable production environments

1



3

ARC API

Set of reusable, easy-to-deploy and pre-built microservices that power the backend APIs of applications

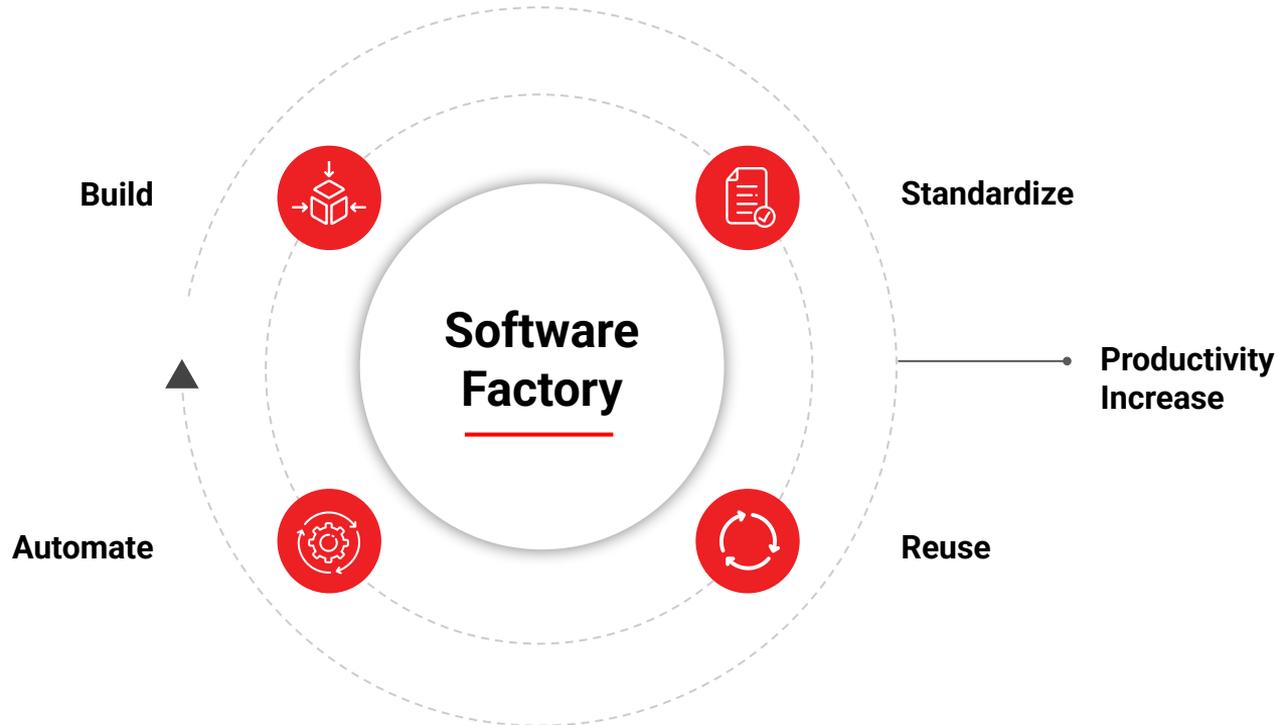
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ARC UI

Quick start frontend boilerplates that give a smooth and consistent user experience

The Factory Model for Modernization Led Migration

We use a 'Factory Model' approach, that our team of experts have developed and perfected over time, to support the consistent and faster development of solutions. It enables organizations to manage globally distributed functions or services efficiently & rapidly get new services up and running without having to reinvent the wheel every time.



Together, SourceFuse and AWS Can Deliver Up To



79%

improved speed-to-market

10%

reduced cost of legacy application maintenance

88%

customers realized an ROI

06%

reduced cost of new application maintenance

05%

accelerated customer onboarding



*Sourcefuse was able to achieve these improvements for specific customers. Potential results may vary based on the actual use case.

Cloud Ready In 20 Days With SourceFuse[®]



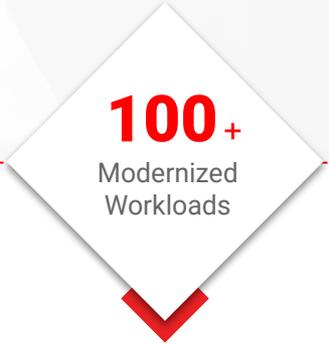
LET'S TALK



Inventory Insights

How much will transition the cost?

A **Zero Dollar Assessment** to be **Cloud Ready** producing critical application and infrastructure level insights for the AS-IS and Optimized Migration and Modernization of the Workloads including the Total Cost of Ownership On Cloud



Plan and proceed

How to migrate & mobilize

SF's AWS Certified Professionals layout an accelerated execution roadmap to **Migrate + Modernize** critical workloads providing a Well Architected baseline to proceed to a Multi - Account Cloud environment



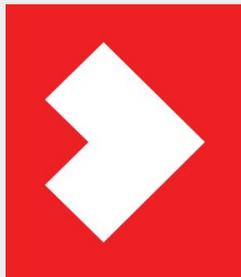
Migration Experience

Hands on experience

Immediate rate of return on **Migrating & Modernizing** pilot candidates adhering to a Well Architected Framework and Security Best Practices

3H Strategy

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Case Studies

Modernizing Logistics Application by leveraging scalable API based Architecture

The logo for Ramco, consisting of the word "ramco" in a lowercase, blue, sans-serif font.

Ramco Systems Limited is an Indian **multinational enterprise software company** that offers Aviation, ERP, HRP and Logistics software. It operates in 28 locations across 35 countries.

Conversion of 300 Stored
Procedures to API Layer
(Microservices) ; 80,000 DB LOC

Duration: 4 Months
5K SPs in roadmap

42 API's built and
160 tables Migrated

Business Challenge

- Complete digital transformation of the existing systems
- **High Maintenance Downtime** on-premises data center
- Entire application **workflow tied to SQL Server, limiting scalability**
- **Lengthy Deployment** Cycles
- Tenant specific customization limited to user screens and minor rules
- Total cost of ownership; Application has legacy code and hence the maintenance cost is very high
- Ramco Logistics App Architecture is database-driven and hence intensive at critical resources, as SQL is being used for storing, queuing, and for all transactions
- Ramco wants to move to an API-based architecture to lower the load on the Database

Solution

- Due to very large scale of business logic, **Strangler pattern** will be applied to identify small chunks and move them into purposeful microservices.
- Application logic will be extracted from SQL Server Stored Procedures and moved into **API layers** to increase reusability and scalability.
- Data management will be moved to **DynamoDB** and **OpenSearch**, following CQRS approach
- AWS DMS will be used to synchronise master data present in SQL Server to DynamoDB to ensure independent module
- Application framework will be extensible to entire application, to be pursued for modernisation in separate tracks as well



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Thank You



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