

	Total Cost of Ownership (TCO) Model			
September 3, 2025	Competitive Evaluation Guide for Integration Platforms. <a href="https://clevermoe.com/guides">https://clevermoe.com/guides</a>			
	© 2025 Frank Cohen. All rights reserved.			
	Licensed under a GPL v3 license			
			<b>AWS Application Integration services</b>	<b>Azure Integration Services (AIS)</b>
	<b>MuleSoft</b>	<b>Spring Boot</b>		
System Setup	\$500.00	\$500.00	\$700.00	\$600.00
Use case Definition	\$550.00	\$550.00	\$550.00	\$550.00
Use case Design	\$950.00	\$950.00	\$950.00	\$950.00
Learnings	\$300.00	\$300.00	\$600.00	\$400.00
API Specs	\$450.00	\$450.00	\$550.00	\$500.00
Mock App	\$400.00	\$350.00	\$400.00	\$400.00
Microservices	\$500.00	\$500.00	\$600.00	\$600.00
Building Backend	\$600.00	\$600.00	\$600.00	\$600.00
DataSource	\$450.00	\$450.00	\$450.00	\$450.00
DevOps	\$400.00	\$400.00	\$500.00	\$450.00
Deployments	\$350.00	\$400.00	\$550.00	\$450.00
Expose to API	\$400.00	\$400.00	\$500.00	\$400.00
Security & Authentication	\$400.00	\$350.00	\$450.00	\$400.00
API Management	\$300.00	\$300.00	\$400.00	\$400.00
Maintenance	\$350.00	\$400.00	\$400.00	\$450.00
Building Workflow Integration	\$1,200.00	\$4,000.00	\$2,000.00	\$1,300.00
Making Changes	\$600.00	\$2,200.00	\$1,200.00	\$800.00
<b>Total Cost</b>	<b>\$8,700.00</b>	<b>\$13,100.00</b>	<b>\$11,400.00</b>	<b>\$9,700.00</b>
<b>Aggregate Efficiency</b>	<b>MuleSoft</b>	<b>Spring Boot</b>	<b>AWS</b>	<b>Azure</b>
Total Costs	\$8,700	\$13,100	\$11,400	\$9,700
MuleSoft is more efficient than Azure				10%
MuleSoft is more efficient than AWS			24%	
MuleSoft is more efficient than Spring Boot		34%		
<b>Time by Resource</b>	<b>MuleSoft</b>	<b>Spring Boot</b>	<b>AWS</b>	<b>Azure</b>
Resource Costs	87	131	114	97
MuleSoft is more efficient than Azure				10%
MuleSoft is more efficient than AWS			24%	
MuleSoft is more efficient than Spring Boot		34%		
<b>Integration Workflow</b>	<b>MuleSoft</b>	<b>Spring Boot</b>	<b>AWS</b>	<b>Azure</b>
Resource Costs	12	40	20	13
MuleSoft is more efficient than Azure				8%
MuleSoft is more efficient than AWS			40%	
MuleSoft is more efficient than Spring Boot		70%		
<b>Making Changes</b>	<b>MuleSoft</b>	<b>Spring Boot</b>	<b>AWS</b>	<b>Azure</b>
Resource Costs	6	22	12	8
MuleSoft is more efficient than Azure				25%
MuleSoft is more efficient than AWS			50%	
MuleSoft is more efficient than Spring Boot		73%		



September 3, 2025

Total Cost of Ownership (TCO) Model

Competitive Evaluation Guide for Integration Platforms. <https://clevermoe.com/guides>

Licensed under a GPL v3 license

© 2025 CleverMoe. All rights reserved.

<https://clevermoe.com/guides>

Integration Consultant (Cost/hr) \$100

Detailed Analysis		AWS Application Integration services		SPRING BOOT		MULESOFT		Azure Integration Services (AIS)	
	Activities	Resource (Hours)	Total Cost	Resource (Hours)	Total Cost	Resource (Hours)	Total Cost	Resource (Hours)	Total Cost
1	System Setup	7	\$700	5	\$500	5	\$500	6	\$600
2	Use case Definition	5.5	\$550	5.5	\$550	5.5	\$550	5.5	\$550
3	Use case Design	9.5	\$950	9.5	\$950	9.5	\$950	9.5	\$950
4	Learnings	6	\$600	3	\$300	3	\$300	4	\$400
5	API Specs	5.5	\$550	4.5	\$450	4.5	\$450	5	\$500
6	Mock App	4	\$400	3.5	\$350	4	\$400	4	\$400
7	Microservices	6	\$600	5	\$500	5	\$500	6	\$600
8	Building Backend	6	\$600	6	\$600	6	\$600	6	\$600
9	DataSource	4.5	\$450	4.5	\$450	4.5	\$450	4.5	\$450
10	DevOps	5	\$500	4	\$400	4	\$400	4.5	\$450
11	Deployments	5.5	\$550	4	\$400	3.5	\$350	4.5	\$450
12	Expose to API	5	\$500	4	\$400	4	\$400	4	\$400
13	Security & Authentication	4.5	\$450	3.5	\$350	4	\$400	4	\$400
14	API Management	4	\$400	3	\$300	3	\$300	4	\$400
15	Maintenance	4	\$400	4	\$400	3.5	\$350	4.5	\$450
16	Building Workflow Integration	20	\$2,000	40	\$4,000	12	\$1,200	13	\$1,300
17	Making Changes	12	\$1,200	22	\$2,200	6	\$600	8	\$800
<b>Total All Activities</b>		<b>114</b>	<b>\$11,400</b>	<b>131</b>	<b>\$13,100</b>	<b>87</b>	<b>\$8,700</b>	<b>97</b>	<b>\$9,700</b>