For Agility and Efficiency, Use an Integration Factory

Companies face a number of ongoing IT integration challenges that will continue to increase as integration needs grow. As businesses require application diversity and faster time to value, efficient integration becomes critical. How does IT remain agile and maintain this essential competency? According to Gartner, successful integration development must deliver actionable patterns, repeatable processes and frameworks.

Leveraging Technology has taken it a step further, combining an Integration Framework with an Integration “Factory” approach to development.

Companies find the factory model more efficient because integration developers are not locked into specific projects and there is less internal project management with an integration partner who manages the work and deliverables with accurate timing and cost estimated for every integration deliverable.

Things to consider:

Common IT integration challenges:
- Providing adequate capacity for projects.
- Finding talent and qualified resources.
- Maintaining the right skills and competency over time.
- Delivering integration that is agile and highly re-usable.

Benefits of using an Integration Framework:
- Robust and flexible approach.
- Covers integration from end-to-end.
- Enables work and transaction management, tracking and analytics.

Best Practice: A framework coupled with a “factory” approach for agile, efficient integration:
- Use an integration partner to design, build, test and support integration flows in a highly efficient and predictable manner.
- Flexible staffing model supports client needs with a mix of resources and skill levels.
- Proven process for highly reliable estimates of cost and delivery time.
- Quality and agility at a lower cost than alternatives.

The process to implement an Integration Factory:

1. Client’s project teams deliver integration requirements/specifications in a predefined format.
2. Within two business days we provide a cost and date for delivery of that integration flow.
3. Work is guaranteed to be built and unit-tested on the specified date.
4. Integration goals achieved with efficiency, reliability and high quality.

Plus: We also have skills to help teach your teams to collect integration requirements and link them to a documented pattern adding more speed to the process.
Top 10 Reasons Why an Integration Factory is Effective:

1. The approach to requirements and integration is template-based.
2. Our acceleration techniques move client project teams to fast results.
3. Requirement needs are quickly focused on the deliverable.
4. We link the approach to client’s design patterns to further speed the process.
5. Cost and timing for each integration is known up front and guaranteed.
6. Reduces variability in project implementations: efficiency, quality, on-time delivery, consistent design, proven flexibility and increased reusability.
7. Admin support costs are also reduced from less costly upgrades to new releases of tools and technologies.
8. We use a mix of resources for a very attractive cost model (ensure quality by engaging senior integration developers where necessary and lower cost resources where possible).
9. QA and integration testing price included to fit client environment and needs.
10. We manage resources and demand across projects, and scale up and down based on project pipeline and expected demand.

### Interface Example

<table>
<thead>
<tr>
<th>Interface Attributes</th>
<th>Business</th>
<th>User</th>
<th>Implementation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Systems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transmission</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Processing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Validation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Security</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Error Handling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monitoring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Levels</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Rules</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Leveraging Technology has successfully planned and implemented a wide variety of integration projects. We have consolidated that knowledge into a framework that aligns people, process and technology to efficiently meet the goals of the organization. Our framework includes quick start assets for designs, standards and patterns, and code templates to shorten delivery time.

**Contact:** To learn more about our approach to integration, call or email us today:
Info@leveraging.com 585.454.4250 x100.

**About Leveraging Technology:**

We are a business consulting firm that fully understands how all aspects of the information technology lifecycle can impact business results. We employ a practical approach to transforming the design and architecture of your information technology environment to drive business performance.

Customers have counted on our agile development and disciplined project management since 1998 because our frameworks and proprietary methodologies are proven to get results. Customers also recognize that our people drive success by mapping projects back to business strategy at virtually every stage -- from assessment, planning and design, to delivery and management.
We start with our **Integration Architecture Framework**: a robust, flexible approach that covers integration end-to-end.