

# TickStream®: Cloud Migration Planning

## Moving to the Cloud

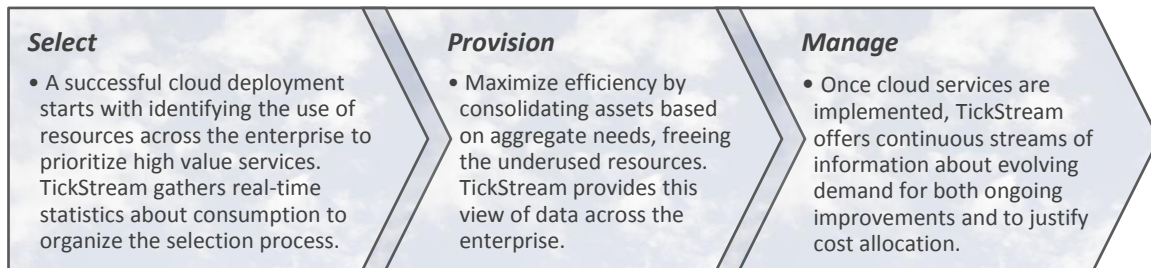
There are a multitude of reasons driving businesses to implement cloud architectures: cost, security, scalability and mobility, among many others. The benefits are easy to understand: by shifting away from heavy infrastructures that are inelastic and require large investments and ongoing support, to an agile services model where information technology is provided as a utility, businesses gain the efficiency and security of virtualized, multitenant environments where resources are available on demand. Perhaps even more importantly, intermittent capital expenses are converted to predictable operating expenses. This represents a fundamental change in the marketplace, and offers new opportunities for growth by quickly and easily adapting to changing requirements.

While the need to move toward cloud solutions may be pressing, and the advantages are compelling, the migration process itself can be a daunting task, and develop into the kind of project which drains away at the benefits of the goal through the complexity of the execution. To mitigate the effect of planning paralysis, you must have a framework for the implementation lifecycle. The Federal Cloud Computing Strategy<sup>1</sup> outlines a three stage *Decision Framework for Cloud Migration*, which outlines steps to *Select*, *Provision*, and *Manage*.



As a node-level user activity and application profiling tool, Intensity Analytics' TickStream® provides critical insight into each component, and offers support for data-driven, strategic planning. Below is a description of how TickStream delivers crucial functionality in each part of the migration process.

### Decision Framework for Cloud Migration<sup>1</sup>



## Managing the Cloud

The demand for specific, detailed information about resource use becomes increasingly essential to support cloud services past the implementation phase. Platform consolidation means optimizing cost through shared resources, but can introduce new challenges for allocating costs for services and subscriptions among numerous entities. In addition, while cloud solutions offer flexibility to scale for changing demands, a lack of objective, automated data sources to support the requirements will reduce the efficiency gained through a more agile infrastructure. Finally, moving to the cloud allows for anytime, anywhere work, bringing along with it an elevated security burden. By collecting real-time activity information, TickStream is an indispensable tool in cloud environments, supplying management with key data to address these new issues. Combined with CVMetrics™, a zero-footprint biometric security component, Intensity Analytics offers a full solution for the cloud migration lifecycle. Visit [intensityanalytics.com](http://intensityanalytics.com) for more information.

<sup>1</sup> Vivek Kundra, U.S. CIO. "Federal Cloud Computing Strategy" The White House, February 8, 2011.