

# Ultra Messaging® Queuing Edition: Indexed Queuing and Indexed Ultra Load Balancing

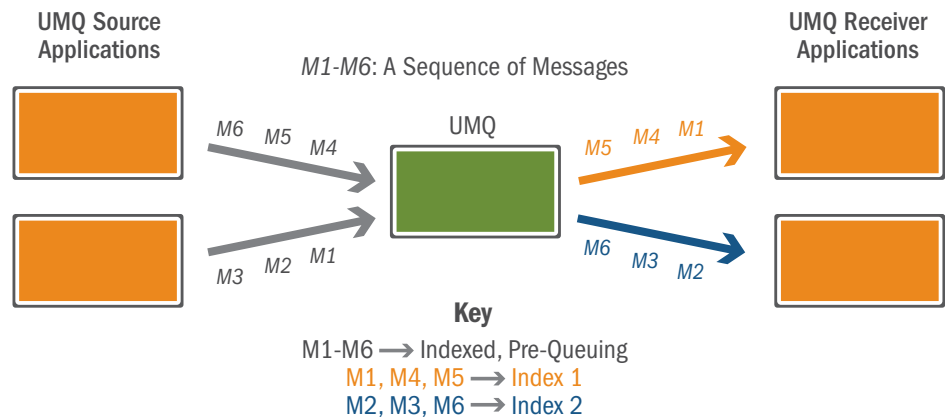
## Organize Your Live Data According to Business Needs

Now your Ultra Messaging® Queuing Edition applications can simply and logically organize data according to business and application needs with either of two new features: **Indexed Queuing** and **Indexed Ultra Load Balancing**.

The concept is simple: “tag” your data (or messages) to direct all messages with the same tag to the same applications in the system. You choose the “tag” (or index value) based on your data and application needs, and UMQ (or Indexed ULB) routes each identically tagged message to the same destination for consistent processing. The index value can be numeric or a character string.

For example, send a “cancel” order for a stock trade back to the same application that processed the original trade. Or group a set of messages together to ensure that a specific application receives the entire set, to remove the complexity of coordinating between multiple applications, each receiving different messages in the same group.

### Indexed Queuing Overview



## A Quick Comparison – Indexed Queuing vs. Indexed Load Balancing

These features are identical in most ways, but there are a few differences that might make one more suitable for your environment. Both are offered as part of our Ultra Messaging Queuing Edition messaging solution.

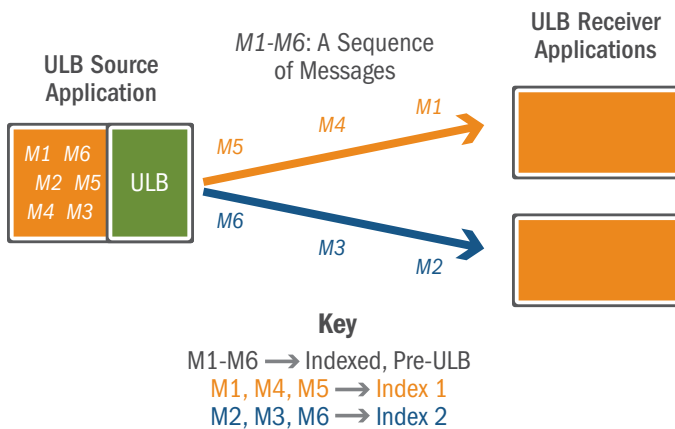
## Indexed Queuing

**Indexed Queuing** is somewhat more powerful and flexible than Indexed Ultra Load Balancing. Indexed Queuing uses a queue to assign index values in a central location and provides you with a powerful set of configuration options. It is therefore best suited for application environments that already use queuing or that need the ultimate robust and flexible solution. Indexed Queuing is also fault-tolerant, because UMQ itself is fault-tolerant.

## Indexed Ultra Load Balancing

**Indexed Ultra Load Balancing (Indexed ULB)** is a bit simpler to implement and maintain because it does not require a queue. Instead, Indexed ULB embeds the support for indexing and load balancing right into the sending application. Because of this decentralization, the index values are assigned at the source instead of at the queue. In addition, the API is simpler, and Indexed ULB also offers more visibility into the status of your queued messages, compared to Indexed Queuing.

### Indexed ULB Overview



For more information, please contact your Informatica Ultra Messaging sales representative, or email us at [uminfo@informatica.com](mailto:uminfo@informatica.com).

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