

## Middleware Suite

Middleware, or "glue", is a layer of software between the network and the applications.

Business Intelligence (BI) is an essential requirement in today's highly competitive manufacturing environment. Middleware Suite allows BI application to share information eliminating data duplication.

The Middleware Suite can be configured to share email services, alarm and react on data mismatch occurrences. The user-friendly interface provides an intuitive environment through which all levels of IT can ensure efficient and secure data communications.

Each of our Middleware Suite offerings (Industrial - IGear, Business - Biztalk, Healthcare Capsul / Biztalk) uses MSMQ. MSMQ is essentially a messaging protocol that allows applications running on separate servers/ processes to communicate in a failsafe manner. A queue is a temporary storage location from which messages can be sent when conditions permit. This enables communication across heterogeneous networks and between computers which may not always be connected.

Forget writing custom software code to exchange information between dissimilar systems, or programs to interface with equipment (PLC, medical devices), email servers (Microsoft, Novel, IBM), database varieties (DB2, SQL, Oracle, Access), and other elements to your communication framework. Middleware Suite handles it all.

IES Group can help integrate your disconnected business processes, applications and platforms. We can help you optimize your IT environment, generate higher returns on your middleware investments, and ultimately yield greater business value and innovation from IT.



### At a Glance

- *Our solution integrates key elements of service management, is aligned to best practices and offers additional services that can enhance visibility and control of your business.*
- *We help you assess, plan, design and implement a flexible information hub to help save capital and operating costs, complexity and risks.*

### Key Benefits

- *Communicate in a Failsafe Manner*
- *Reliable Movement of Information*
- *Increase Data Quality*
- *Reduce IT Overtime & Labour*
- *XML Web Services*
- *Powerful Data Scheduling*
- *Message Queue Enabled*
- *Seamless Device Integration*

### Why IES Group?

IES Group has over a decade of experience implementing complex software modeling & reporting systems empowering quick real time information based decisions.