

## Operational Users



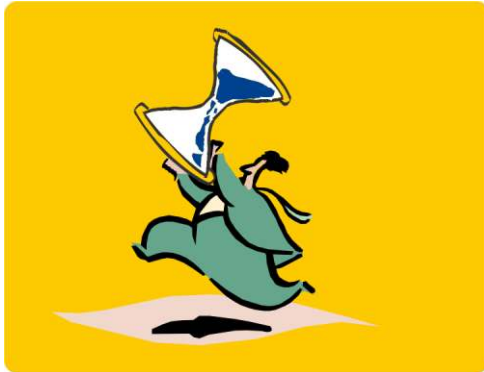
### Is Excel Proving to be Costly and Risky?

Microsoft Excel is your preferred decision and reporting tool because it is flexible and easy-to-use. You typically search for the needed data across multiple internal and external data sources, and then copy-paste it within your spreadsheet to get a complete picture. And you often repeat this process.

Your business takes a big risk in this process because:

1. Manual copy-paste or import leads to data integrity and compliance issues
2. Searching and copying data by hand means huge productivity loss
3. Stale, disconnected, and multiple versions of data leads to risky decisions
4. IT loses control and oversight on the data in the spreadsheets

## Excel with Confidence



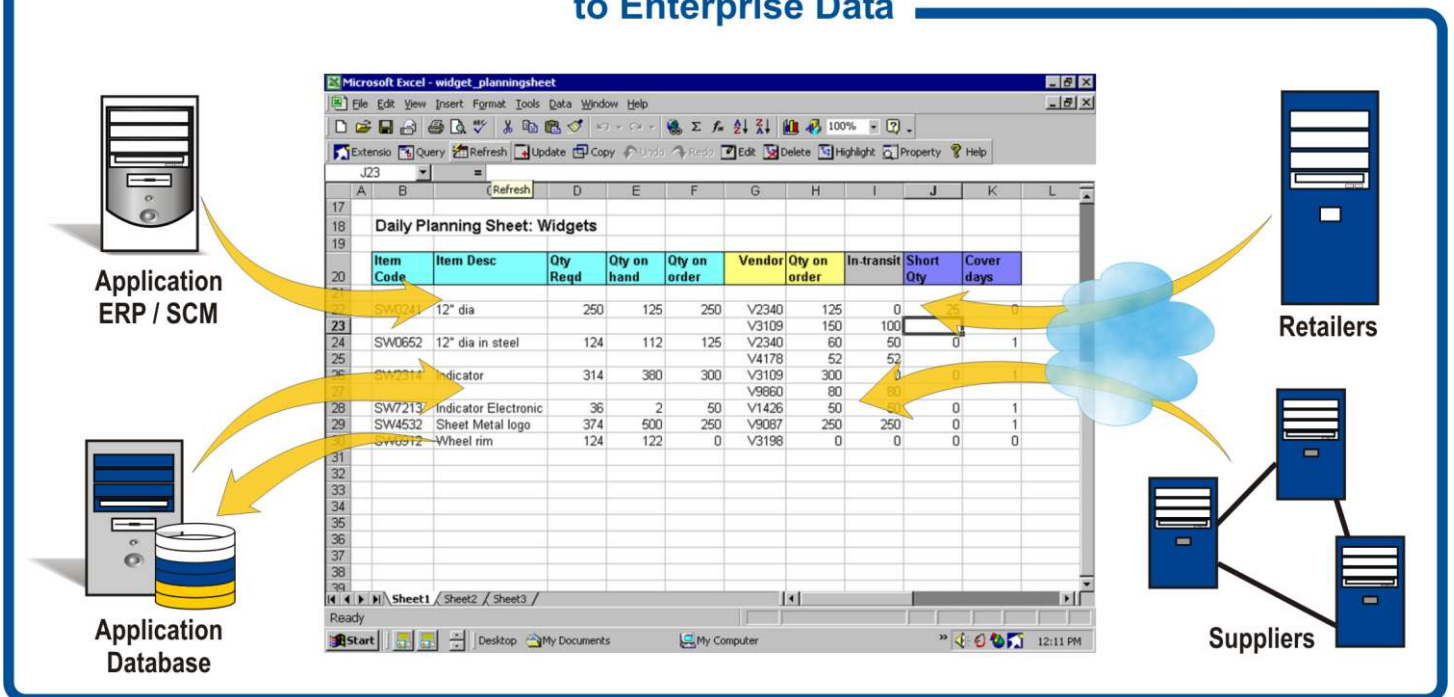
### Lower Your Risks and Costs with Extensio

With the Service-Oriented Architecture (SOA) based Extensio Information Delivery Server and Extensio Add-in for Microsoft Excel, Operational Users can connect their Excel spreadsheet directly to the enterprise data sources to boost productivity and improve data integrity.

With SOA enabled Excel, businesses get the following benefits:

1. Automated data collection and update from Excel boosts productivity
2. Support for audit, version control, and cell-locking improves compliance
3. Centrally managed information services provides control and data-integrity
4. Service abstraction hides technical complexity of data, and increases usage

## Connect Desktop Tools to Enterprise Data



## Extensio Technology for Microsoft Excel

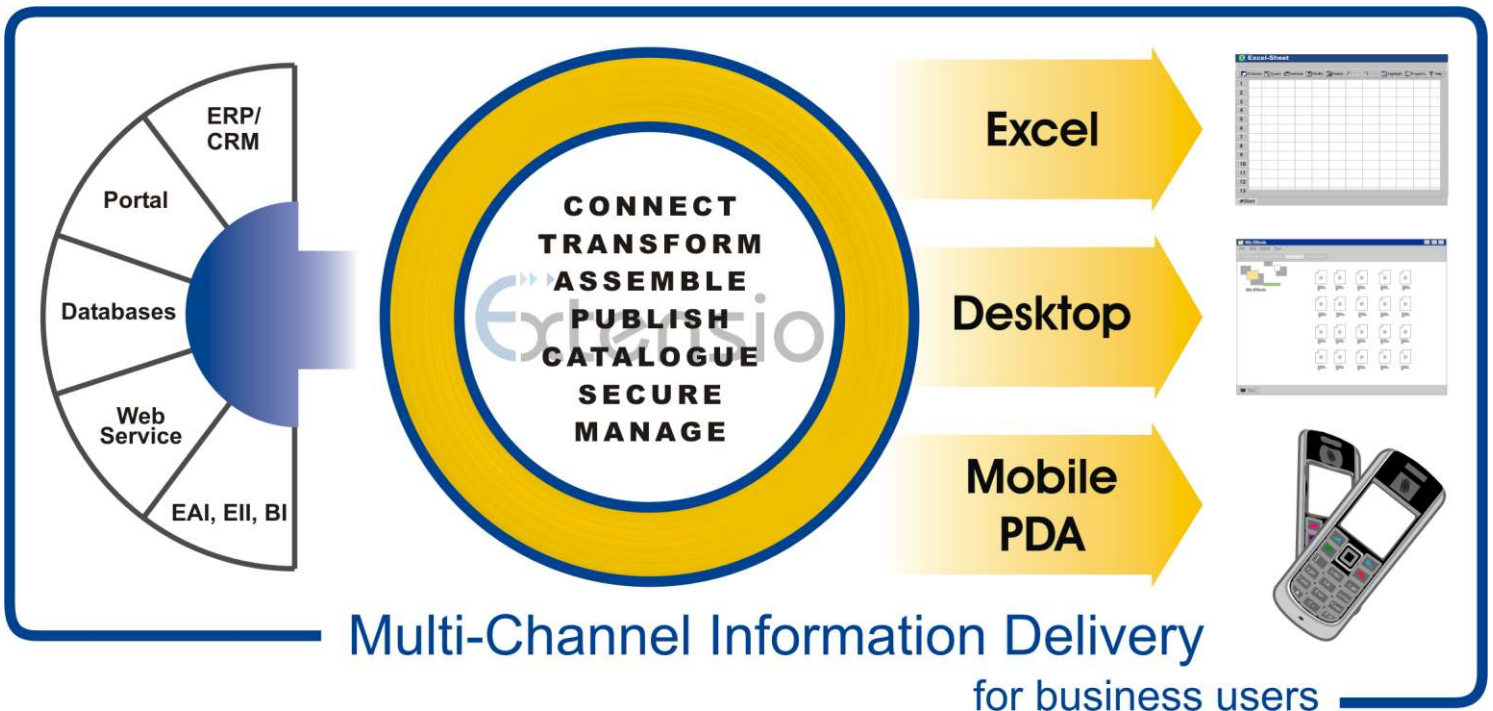
**Extensio Extender for Microsoft Excel:** A light-weight Excel add-in that fetches latest data from the various enterprise data sources through the central Extensio Information Server using XML/HTTP. The Extensio Extender provides full flexibility to the business users by allowing users to select appropriate information services, their input values, and the output locations. The users can also block, audit and checkpoint/restore the Excel data for compliance and debugging.

**Extensio Information Delivery Server:** A SOA-based J2EE Information engine that delivers information services containing data from multiple sources. It uses XML based service rules to query, filter, transform, aggregate and update the back-end data sources using various back-end adapters. The information services can then be consumed by multiple front-ends such as Excel, Desktop, and Mobile. Easy to install, it integrates easily with customer's security infrastructure.

**Extensio Studio:** A browser-based development environment that enables developers to build and test information services that fetch data from various repositories. Services built once for any front-end can quickly be reused for other front-ends. Studio supports data validation, transforms, filters, and custom processing using Java, Javascript, and XML.

**Extensio Back-end Adapters:** Components that connect to back-end data sources such as databases, packaged applications, data warehouses, portals, XML, Web Services, EAI, EII, Excel, e-mail, and flat files. Customers choose appropriate adapters depending upon the repositories that they need to connect and integrate.

## Extensio Architecture Diagram



### Extensio for Microsoft Excel

**Supported Desktop OS:**  
Windows 98, NT, 2000, XP

**Supported Microsoft Office:**  
Office 2000  
Office XP  
Office 2003

### Extensio Technology Adapters

**Databases:**  
Oracle, IBM DB2, MySQL  
Microsoft SQL Server & Access  
Internet & Portals  
XML & Web Services  
LDAP & Email  
Excel & Flat files

### Extensio Application Adapters

SAP  
J D Edwards  
webMethods  
IBM MQ Series