



IT Tools for the Compilation of Supply and Use Tables

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Points to Consider

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- What are your needs
- What type of functionality is required
- Your current IT environment, expertise and capability
- Resources available, the need for support and updates



What are your needs

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- Starting point is your plan for the SUT program
- Will you be producing tables every year? Every three years? Ad hoc?
- Will the SUT be managed as a timeseries? What is your revision policy?
- Current and Constant Prices?
- Need to support 'alternative' view (e.g. Tourism Satellite Account)
- Etc



What type of functionality

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- Once you have described the SUT program and needs you will be able to articulate the functionality required, examples:
- Metadata driven compilation
- Automatic balancing
- Database versioning
- Timeseries capability – extrapolation, interpolation, imputes etc
- Record adjustments made to source data and reasons for adjustments



- Also need to consider your current IT environment functionality

- Organisation's Database/s
 - A significant portion of SUT compilation work is data management. Need to ensure easy access, transfer and storage of data
 - Is there an existing data store with data management capability which the SUT compilation system will need to utilize?
 - Or does your SUT system also need to include data management functionality? If so how will data from source data areas be transferred and stored.

- Dissemination systems – what currently exists how to move data between systems in a way that minimizes risk and resources required



Current IT environment cont.

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- Do you typically build systems in-house or do you obtain systems from outside
- What software packages do staff in your organization already have some expertise in



Resources Available

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- What budget do you have available
- How many staff will be using the system on an ongoing basis
- What kind of training do you need to provide
- How will you manage support and updates – in-house from an IT division, or contracted from a third party



Conclusion

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- Need a system that meets your needs taking into account a range of factors
- Functionality required
- Existing IT environment
- Resources and capability available
- Support available