

## TimberNet - Timber Management System



Species Checking using PDA

An award winning solution -  
2004 MSC Asia Pacific ICT (APICTA)  
**Award for Best E-Government and Services**

Consisting of a secured online application that uses handheld devices and integrates Radio Frequency Identification (RFID) tags for better timber management



Reading the RFID tag



Implanting RFID tag

RFID tag is nailed to each log and information stored uniquely identifies the log from felling point to sawmill and export point

### TimberNet System covers the following 4 areas:

- Logs Production
- Royalty Assessment
- Logs Tracking
- Royalty Billing

#### SARAWAK INFORMATION SYSTEMS SDN BHD

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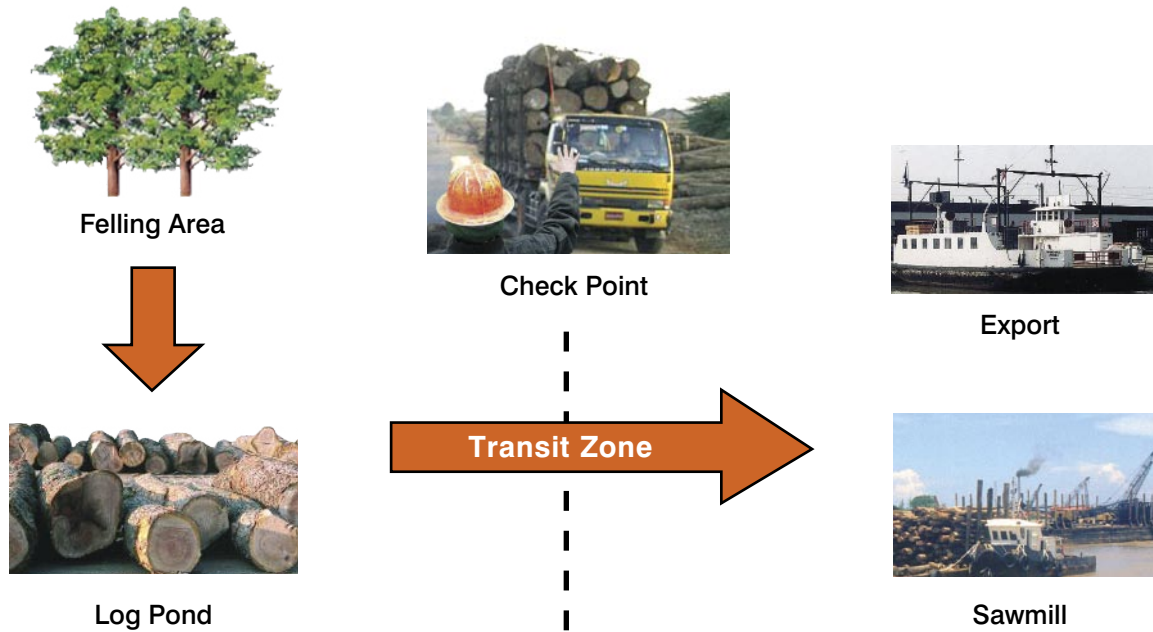
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## Assessment Overview



## Benefits

### Timber Authorities

- Online processing of permit applications
- Issue unique log production identity numbers for RFID tags
- Faster verification of logs species and more accurate royalty assessment
- Log information downloaded to portable device for on the spot verification
- Provides better control and transparency on timber revenue collection
- Facilitate ground enforcement to minimise illegal logging
- Up to date log production statistics
- Provide chain of custody visibility

### Timber Licensees

- Fast and secured online submission of production data and permit application
- Eliminate transport of paperwork from logging area to timber authority office
- Able to check on latest status of application
- Online payment of royalty speeds up approval processing time
- Integrates with own back-end system for sales and invoicing
- Reduction in illegal logging and logging area encroachment means higher yield for authorized timber companies