

LOG TRACKING SYSTEM (LOTS)

Semilan Ripot

Revenue Manager
Sarawak Forestry Corporation

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Briefing Outline

- 1 What is LOTS?
- 2 LOTS Distribution and Layout
- 3 System Architecture and Model
- 4 LOTS Process Flow
- 5 ISO Certification
- 6 LOTS Reports
- 7 Benefit of LOTS

What is LOTS ?

What is LOTS?

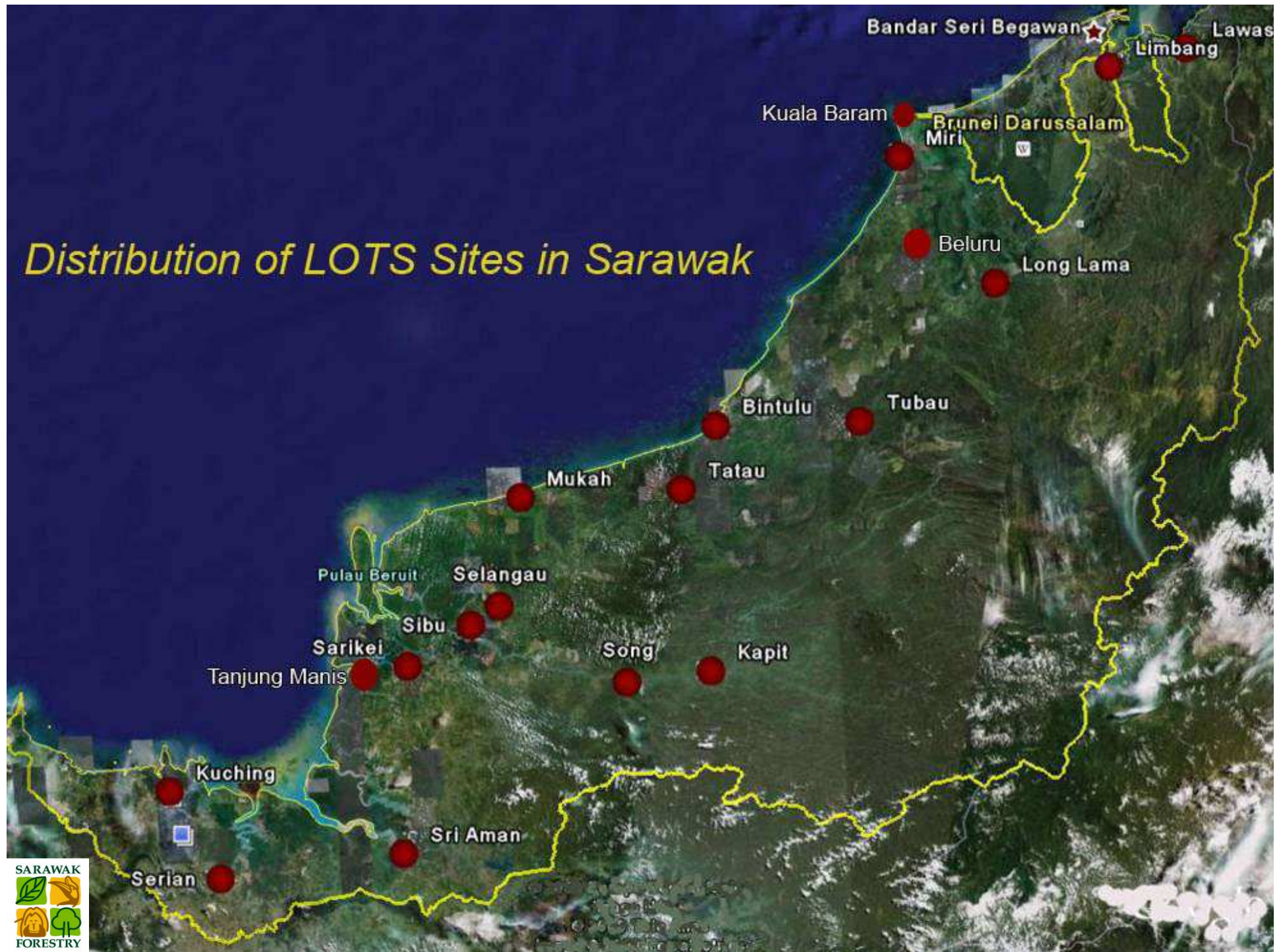


It is a network application **designed and tailor-made in Sarawak** to capture, record and monitor:

- the details of logs felled by the respective licensees or contractors
- volume of logs that had been royalty assessed
- the movement of logs from one place to another

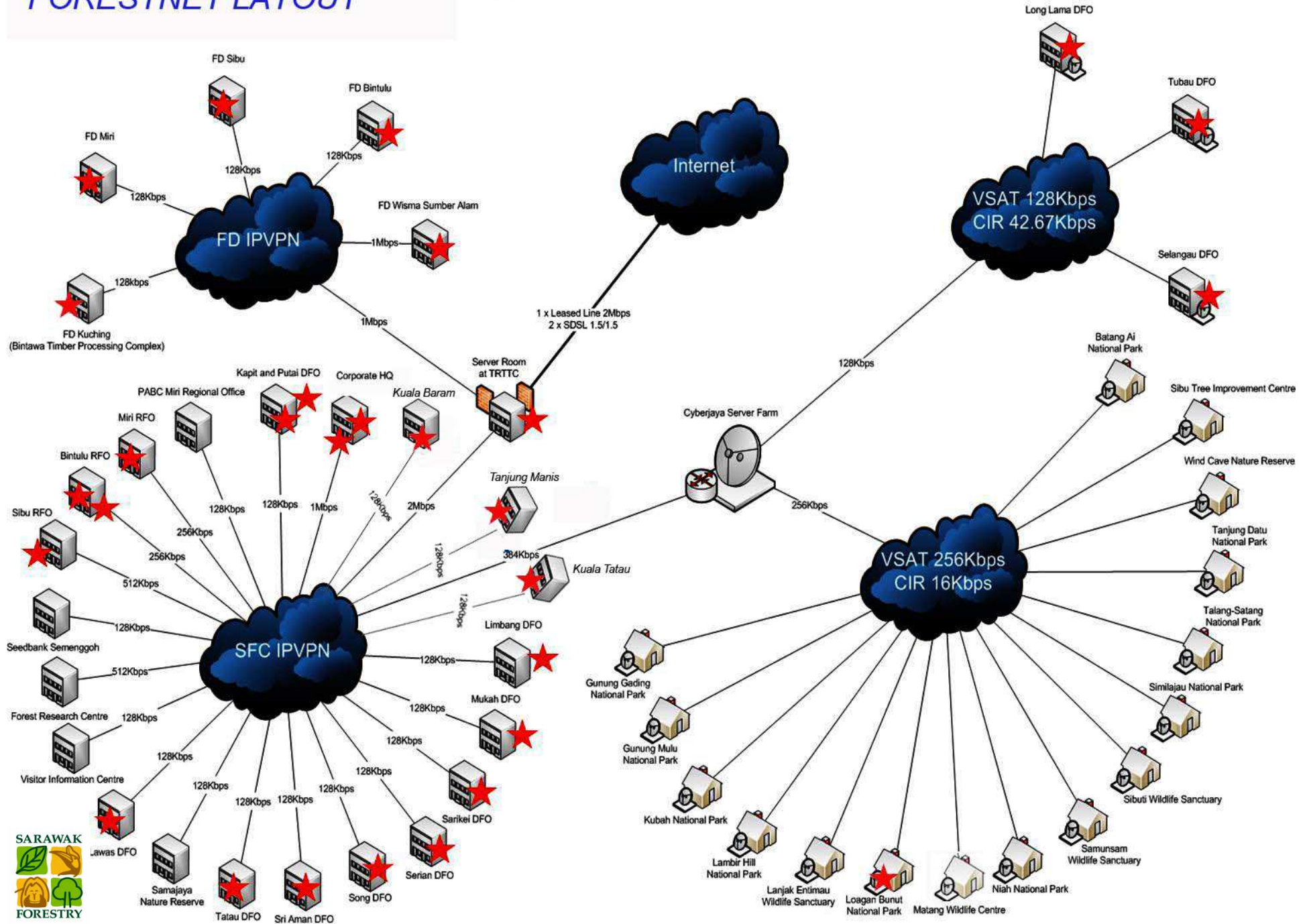


Distribution of LOTS Sites in Sarawak

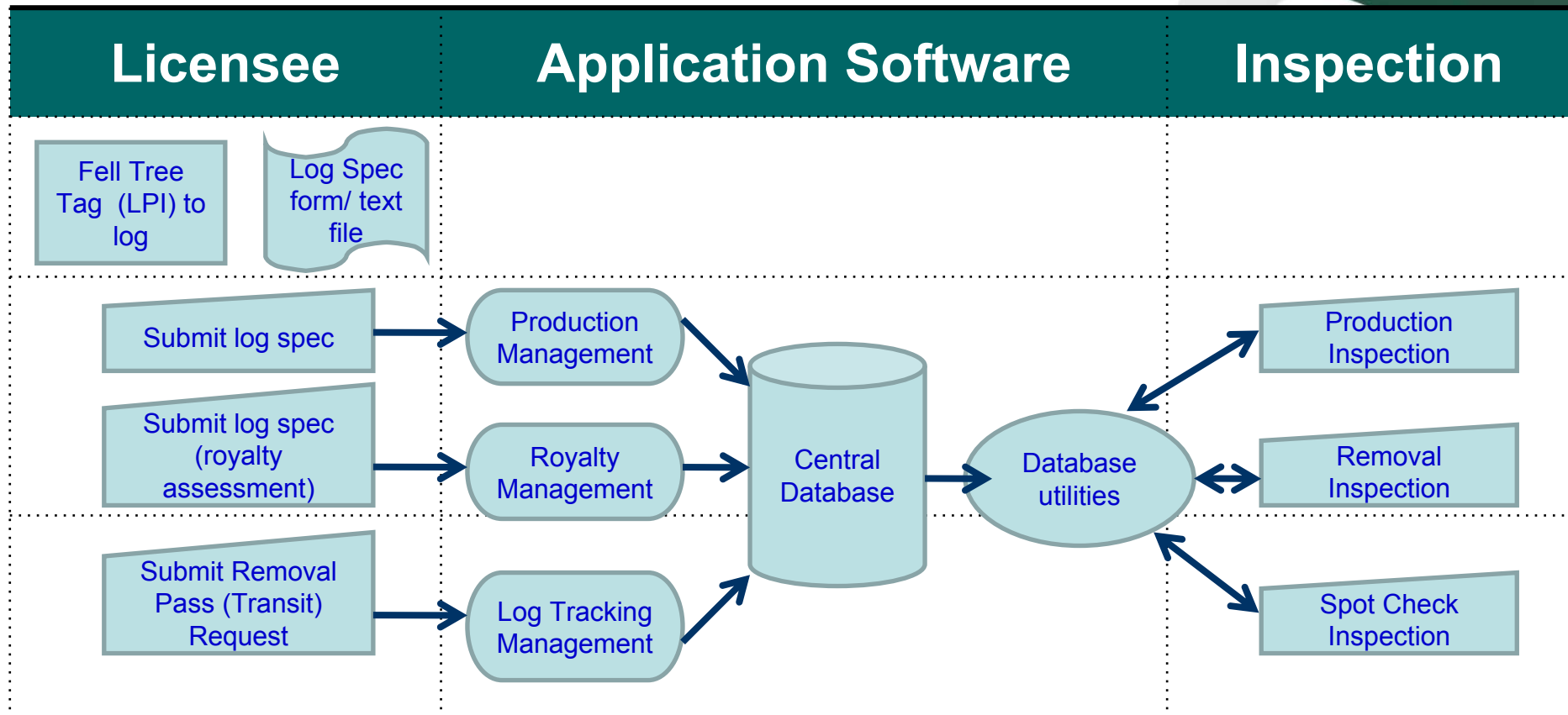


FORESTNET LAYOUT

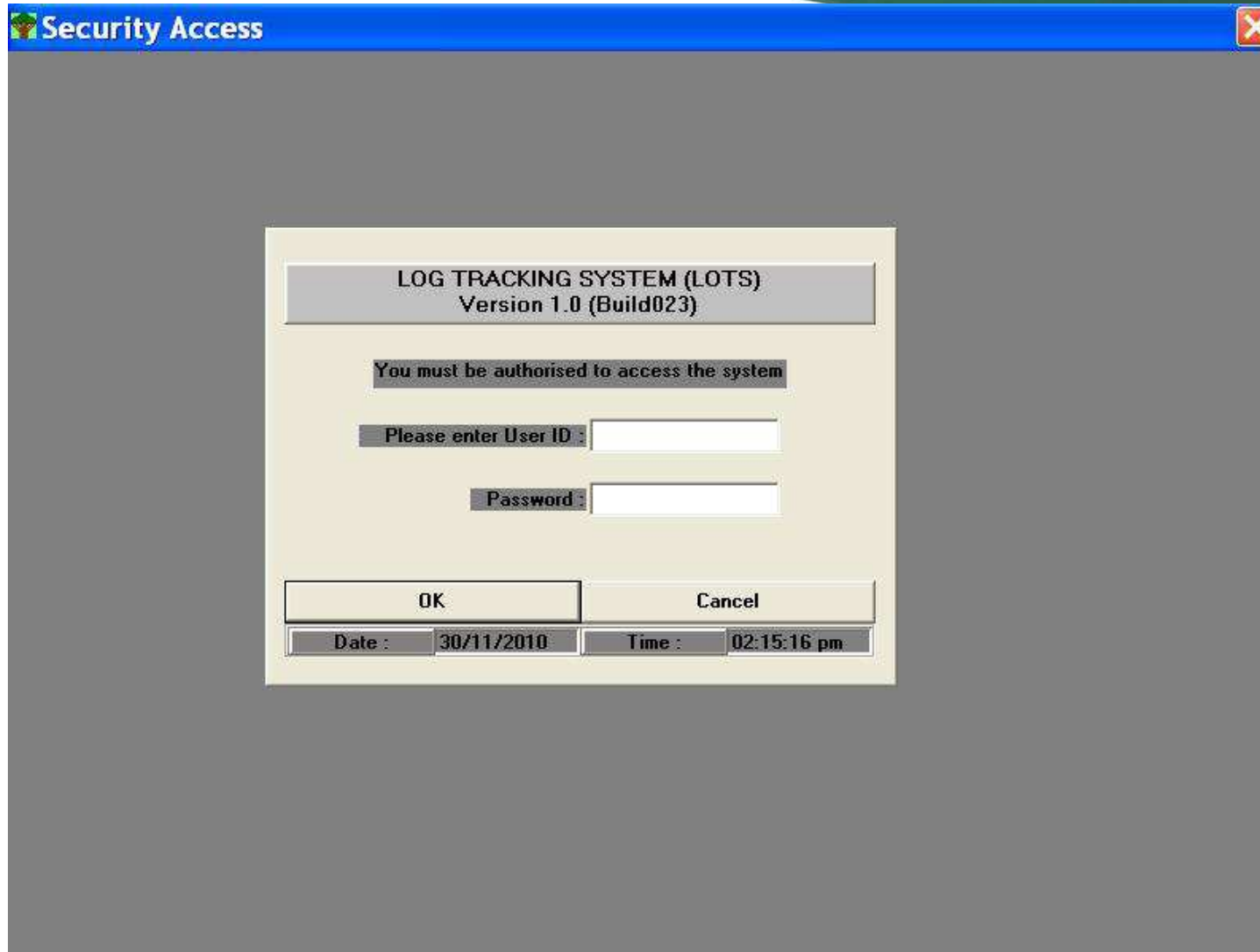
★ LOTS Sites



System Architecture and Model




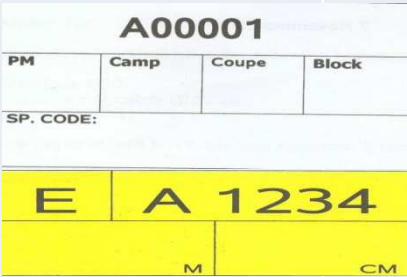
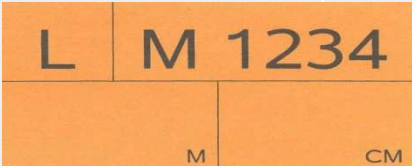

System Architecture and Model (Continued)



LOTS Process Flow

LOTS Process	Venue	Stake-Holder & Purview		
		Licensee	Sarawak Forestry Corporation (SFC)	Third Party
Approval print Log Production Identity	<div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: fit-content; margin: 0 auto;"> SFC Regional Office </div>	<ul style="list-style-type: none"> Apply range of LPI to be printed. Print Approved LPI tags at Vendor Registered with Forest Department Sarawak. 	<ul style="list-style-type: none"> Process & approve range of LPI to be printed. Registered the range of printed LPI tags in log Tracking System LOTS Computers 	Monthly Auditing by Forest Department Sarawak.
Capture Log Production Identity	<div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: fit-content; margin: 0 auto;"> Felling Block (Licence Area) </div>	<ul style="list-style-type: none"> Fell tree Cut trees to logs Scale and grade the log Tag logs with LPI tag Fix / hammer licensee property mark to log. Submit the detail of log produce in Daily Production Return (DPR) to SFC, before remove it from the licence area. Move the captured LPI logs to Forest Checking Station (FCS) 	<ul style="list-style-type: none"> Check logs against DPR and uploading its into LOTS Generate the LOTS reference number for production (eg. SB/PO/10/7/2/1) Completing column " Official Use Only" of DPR 	Spot check by Forest Department and Internal Audit Department of Chief Minister's Office, Sarawak


LOTS Process Flow (Continued)

LOTS Process	Venue	Stake-Holder and Purview		
		Licensee	Sarawak Forestry Corporation (SFC)	Third Party
Royalty Assessment   or  		<ul style="list-style-type: none"> Prepare Log Specification for royalty assessment Layout logs to be royalty assessed for easier checking by the authority 	<ul style="list-style-type: none"> Complete the column "Official Use Only" of Royalty Assessment Log Specification. Issue Removal Pass (royalty after physical and LOTS verification). LOTS PC generated Royalty LOTS reference number (eg.SB/RO/10/7/2/1) also Royalty Marking Document Entry Report. 	<ul style="list-style-type: none"> Spot check by Forest Department and Internal Audit Department of Chief Minister Office, Sarawak Yearly audit by Moody International Auditor

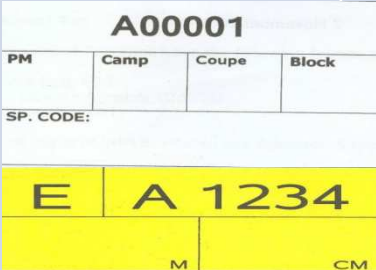

LOTS Process Flow (Continued)

LOTS Process	Venue	Stake-Holder and Purview		
		Licensee	Sarawak Forestry Corporation (SFC)	Third Party
Application of Removal Pass (Transit)	↓	<ul style="list-style-type: none"> Prepare log Specification for Logs to be removed. 	<ul style="list-style-type: none"> Issue Removal Pass (Transit) complete with LOTS security number to milling or export point. 	<p>Harwood Timber Sdn Bhd</p> <ul style="list-style-type: none"> Physically inspect logs to be removed and issue Endorsement Clearance Certificate (ECC). Complete the column "Official Use Only" of Log Specification (Transit)


LOTS Process Flow (Continued)

LOTS Process	Venue	Stake-Holder and Purview		
		Licensee	Sarawak Forestry Corporation (SFC)	Third Party
Incoming Shipment	<div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: fit-content; margin: 0 auto;"> Mill or Export Point </div> 	<ul style="list-style-type: none"> Surrender documents attached to Removal Pass (Transit) to SFC office, upon reaching the designated point 	<ul style="list-style-type: none"> Acknowledge receipt the consignment by rubber stamp of the removal pass (Transit) Update the LOTS system 	Harwood Timber Sdn Bhd <ul style="list-style-type: none"> Physically inspect incoming logs to mill or export point

LOTS Process Flow (Continued)

LOTS Process	Venue	Stake-Holder and Purview		
		Licensee	Sarawak Forestry Corporation (SFC)	Third Party
<p>Application of Removal (Transit) for Export Logs</p> 	<p>Export Point</p> 	<ul style="list-style-type: none"> Prepare log Specification for Logs to be removed. From export point to exporter country. 	<ul style="list-style-type: none"> Issue Removal Pass (Transit) complete with LOTS security number to vessel Eg. KU/RP/2010/07/20/0001 Security No Eg.2010/07/Ffa 2SA 	<p>Harwood Timber Sdn Bhd</p> <ul style="list-style-type: none"> Issue Export Clearance certificate (ExCC) for logs to be exported. Complete the column "Official Use Only " of Log Specification (Transit)

LOTS Process Flow (Continued)

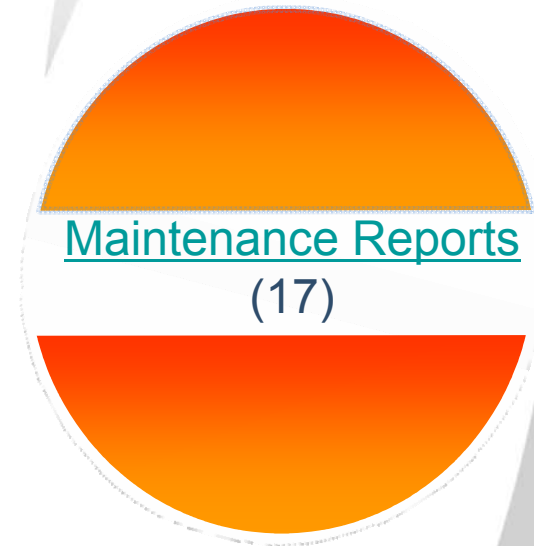
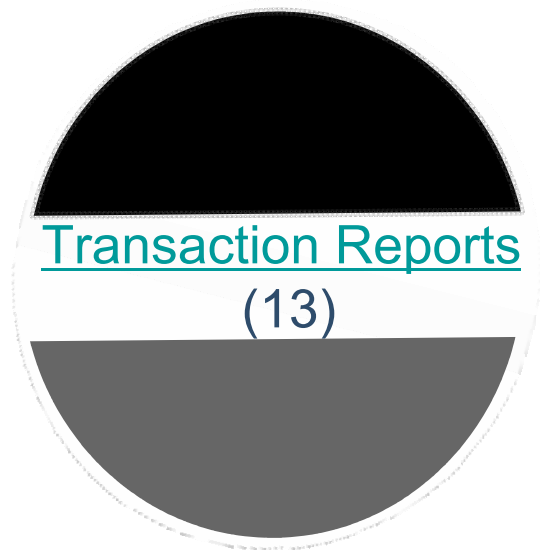
LOTS Process	Venue	Stake-Holder and Purview		
		Licensee	Sarawak Forestry Corporation (SFC)	Third Party
Application of Removal (Transit) for Export Logs	 Vessel (End)		<ul style="list-style-type: none"> • Update LOTS 	Sarawak Timber Industry Development Corporation (STIDC) <ul style="list-style-type: none"> • Issue export certificate (Custom Declaration form 2) • Issue clearance certificate

ISO Certified Procedures



LOTS Reports

LOTS can generate the following reports:



Transaction Reports



- 1) LOTS011 – Daily Production Return Form
- 2) LOTS012 – Royalty Assessment Log Specification Form
- 3) LOTS013 – Removal Pass Listing
- 4) LOTS014 – Removal Pass by Royalty Batch Listing
- 5) LOTS015 – Shutout Log Specification Form
- 6) LOTS016 – Transgression Log Specification Form
- 7) LOTS017 – Production Audit Batch Listing
- 8) LOTS018 – Royalty Audit Batch Listing
- 9) LOTS019 – Removal Pass Audit Batch Listing
- 10) LOTS020 – Shutout Audit Batch Listing
- 11) LOTS021 – Transgression Audit Batch Listing
- 12) LOTS022 – Unroyalty Marked Log
- 13) LOTS023 – Royalty Audit Batch Listing (New Format)




Administration Reports



- 1) LOTS001 – Royalty Marked Logs At Camps Report
- 2) LOTS002 – Royalty Marked Logs In Transit
- 3) LOTS003 – Logs At Sawmill
- 4) LOTS004 – Logs At Export Point
- 5) LOTS005 – Number Of Logs At Log Pond
- 6) LOTS006 – Losses And Leakages From the System
- 7) LOTS007 – Log Movement Between Sections
- 8) LOTS008 – Arriving Logs
- 9) LOTS009 – Usage Of Revenue Forms Report
- 10) LOTS010 – Missing Logs Listing
- 11) LOTS011 – RP Invalid Log Listing
- 12) LOTS012 – Unroyalty Marked Log Listing



Maintenance Reports

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- 1) LOTS051 – List Of Processors By Name/Code
 - 2) LOTS052 – List Of Importing Countries By Name/Code
 - 3) LOTS053 – List Of Other Destinations By Name/Code
 - 4) LOTS054 – List Of Accounts By Licensee Name
 - 5) LOTS055 – List Of RFO By Name/Code
 - 6) LOTS056 – List Of Exporters By Name/Code
 - 7) LOTS057 – List Of Licensees By Name/Code
 - 8) LOTS058 – List Of Camps By Licensee Name & Acc.No
 - 9) LOTS059 – List Of Contractors
 - 10) LOTS060 – List Of DFOs By Name/Code
 - 11) LOTS061 – List Of Log Ponds By Owners' Name
 - 12) LOTS062 – List Of Species By Type, Name Code For Specific Type
 - 13) LOTS063 – List Of Transport By Type, Name For Specific Type
 - 14) LOTS064 – List Of Areas By Name
 - 15) LOTS065 – List Of PECs
 - 16) LOTS066 – List Of Assigned LPI By Number
 - 17) LOTS067 – List Of Unused LPI By Number



Benefits of LOTS

1. Traceability of Individual log to Coupe, Block, Licence Area through LPI

2. Real-time verification of origin (legality) against central database

4. Common platform for all regions and agencies concerned to carry out monitoring, auditing and enforcement functions

3. Detection of tag duplication and false declarations

5. Expedited and Improved collection of royalties due to the government



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THANK YOU

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