

Operational Efficiency Report: Label Printing Workflow

Scenario: Impact of Label Program Rollout on Manager Workflow Efficiency

This report analyzes the time and workflow efficiency improvements gained by replacing the current manual label printing process. In a typical pre-service period, a venue manager may be interrupted to print up to 10 different labels at separate times. Each re-

Assumptions:

- Venue uses a standard company-issued laptop (quad-core, 8 GB RAM) on school Wi-Fi or LAN
- Time to print one label manually: ~2 minutes
- Time to print one label using the program: ~15 seconds

Scenario Comparison – 10 Labels, Printed Separately:

- Manual Method: 10 labels × 2:00 min = ~20:00 minutes total
- Program Method: 10 labels × 0:15 sec = ~2:30 minutes total

Result:

- Time Saved per session: ~17 minutes 30 seconds
- Efficiency Increase: ~87.5% reduction in time spent
- Manual interruptions avoided: 10

Operational Benefits:

- Empowers staff to retrieve and print labels independently
- Reduces pre-service disruption for managers
- Consistent, reliable, and fast label access without remote loading delays
- Fully local execution with smart fallback logic ensures performance

Conclusion:

The rollout of the Barcode Label Printing Program delivers a major improvement to daily service readiness. By shifting label retrieval