Gambling Equipment Testing

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Electronic Gambling Lab

“PROTECT THE PUBLIC BY ENSURING THAT GAMBLING IS LEGAL AND HONEST”
Regulatory Support

- New technology evaluations
- Investigations
- Risk analysis
- Training
- Inspections
- Internal controls
- Security standards and practices
- Technical standards
Gambling Equipment Testing

- Tribal Lottery
- Card shufflers
- Bingo
- Electronic table games
- Electronic Pull Tabs
- Progressive tracking
- Keno
- Roulette
Independent Test Labs

eclipse

GAMING LABORATORIES INTERNATIONAL

bmm
Submission Process

- Review documentation
- Analyze device/system
- Identify potential issues
- Develop test script
- Test
- Approve or disapprove
- Follow up
- Implementation and regulation
Testing Approaches

- Functional
- Grey-box
- Regulator’s perspective

- Regression
- Integration
Slot Machine (Stand Alone)

Random Number Generator

$0
$1
$0
$0
$50
Tribal Lottery System

MANUFACTURING COMPUTER

CENTRAL COMPUTER

ELECTRONIC SCRATCH TICKETS

$0

$10

$5

ELECTRONIC SCRATCH TICKETS

PLAYER TERMINALS – CASINO FLOOR
Common Findings

- Reporting
- Security
- Encryption
- Technical Standard Non-Compliance
Example - Mindplay
Example – “Twinkie”
Example – TITO
Example – ITL
Post Approval

• Training

• Pre-operational inspections

• Manufacturer certification

• Internal controls

• Ongoing inspections

• System incident reporting and investigation
Regulatory Challenges

- Lab environment vs live environment
- Vendors
- Operators
- Staff training
- Management
- Government to government relationships
Thank you!

Questions?