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
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

ELECTRONIC SCRATCH TICKETS

CENTRAL COMPUTER

$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
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?