# FY2022 4th quarter report

DIGITAL TECHNOLOGY SERVICES (DTS)



#### Status report of Outcomes/Goals

- 1. Which outcome/goal(s) does the Division wish to report on?
- 2. What metric is being used to measure the outcome/goal?
- 3. What are the accomplishments (i.e., positives, things for which the Division is proud, brags) have occurred over the reporting period that reflect the Division's progress for reaching the outcome/goal?
- 4. What can the community expect to see in the future (i.e., 6 months; next year; 18 months) from the Division related to the outcome/ goal?

# Outcome/Goal # 1 DTS Department Wide

Virtual General Tribal Council Meeting Initiative

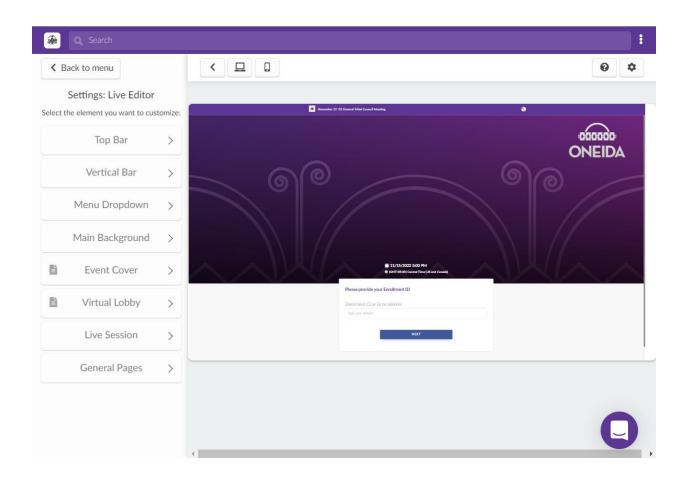
MEASUREMENT: Progression towards V-GTC setup and configuration 75%

#### ACCOMPLISHMENTS RELATED TO THE OUTCOME/GOAL:

- Established V-GTC Initiative structure and main sections
- Established Timelines for executing the strategy November 15th
- Established alignment to Oneida Nation business and tribal goals (Encouraging Tsi?niyukwalihoT^)
- Established initial V-GTC training and implementation criteria and execution planning

#### EXPECTATIONS/FUTURE PLANS REGARDING THE OUTCOME/GOAL: (next quarter)

- V-GTC Meeting Follow up and Reporting
- Next meeting planning and setup using learnings from the previous meeting
- Outreach for greater participation in the V-GTC to establish permanent meeting format



### Outcome/Goal # 2 - Gaming Services

Oneida Casino Mobile App

MEASUREMENT: Increase in Customer Loyalty Program

#### ACCOMPLISHMENTS RELATED TO THE OUTCOME/GOAL:

- Implementation of hardware and software to support Joingo's Mobile App
- Upgrade CMP to supported version
- Install SG Envoy
  - o API interface engine
  - Secure access to SG System data provided following industry standard security practices for data security and privacy.
  - o APIs are secured with TLS v1.2, OAuth V2 runtime key verification, JSON threat protection, spike arrest and with advanced cryptography to secure data.
- Install Joingo CMP interface
- IT Security Review
- Mobile app testing and training
- App submission to Google play and Apple app store
- Communication (internal & external)

#### EXPECTATIONS/FUTURE PLANS REGARDING THE OUTCOME/GOAL:

- Increase in Customer loyalty numbers
- Mobile app for the Oneida Casino
- Customers have 24/7 access to their information, offers and promotions
- A tool for targeted marketing



# Outcome/Goal #3 - Network Services

MEASUREMENT: Metrics to be established and based upon baselines from on-premise workloads/instances and when workloads/instances moved to cloud infrastructure.

#### **Cloud Vision**

- Completed Cloud Vision Workshop
  - Cloud Vision Statement
    - "Provide high quality, efficient, and secure services to members of the Oneida Nation through dynamic, modern, and reliable cloud solutions as part of a cloud-first strategy."
  - Cloud Drivers and Indicators
  - Cloud Risks/Roadblocks/Mitigations
  - Cloud Decision Rubric (as a Service Decision Criteria)
    - SaaS Software as a Service
    - PaaS Platform as a Service
    - laaS Infrastructure as a Service
  - Cloud Milestones
  - Cloud Roadmap

Clou	ıd Vision Roadm	<u>ap</u>				
Model	22 H2 (Aug - Dec)	23 H1 (Jan - Jun)	23 H2 (Jul - Dec)	24 H1 (Jan - Jun)	24 H2 (Jul - Dec)	25 H1 (Jan - Jun)
SaaS	MFA - MS Authenticator	Endpoint Mgmt - MS Endpoint	Desktop as a Service	Group Drives -		
		Manager (MEM)	(DaaS) - Windows 365	SharePoint/OnBase		
	Endpoint Management - MS	Home Directories - MS OneDrive	HIS - MyHealth (Front	Analytics - Azure		
	Intune (Mobile Devices)		End)			
	Endpoint Protection - MS	Directory Services - Azure Active	HIS - CompuLink			
	Defender (E5)	Directory Domain Services (AADS),				
		Identity and Access Management				
		(IAM)				
	Passwords - MS Single Sign-On	PBX (Private Branch Exchange) -				
	Password Reset (SSPR)	MS Cloud PBX - Microsoft Phone				
		System (E5)				
	PrinterLogic					
	DevOps - Power Platforms					
S		DTS Files (Oneidafiles) - MS	Identity Governance and	Enrollments DB	Gaming - (LnW	HIS - EMR
		Azure Files	Management		Systems)	
Ø		Log Management - TBD	IBM - Power 8			
Ø			HIS - MyHealth (Back End)			
Δ						
laaS	Infrastructure Shell:		Virtual Servers			
	Express Route					
	• Vnet					
	<ul> <li>Virtual Servers (R&amp;D/Test)</li> </ul>					

- Next Steps (Roadmap Work)
  - Staff Augmentation SynerComm (Cybersecurity and Cloud Migration)
    - To help implement security first with cloud migration
    - Zero Trust Architecture principals
  - Upgrade Microsoft (MS) Licensing (E3 to E5), ETA 12/01
  - Migrate Multifactor Authentication (MFA) from DUO to MS Authenticator (November)
  - Migrate Endpoint Management from Vmware Airwatch to MS Intune (December)
  - Migrate legacy Endpoint Protection from Symantec to MS Defender (December/January)

## Comprehensive Cybersecurity Assessments - SynerComm Engagement

Assessment Overview

Title	Description	Status	SchStartDate	SchCompDate	EstCompDate
Phase 1 Discover	Network Discovery and Documentation	Data Discovery: 100% Complete Preliminary Mapping: 100% Complete Final Documentation and Delivery: 100% Complete	7/25/2022	8/19/2022	
Phase 2 Planning	Standards Based Security Planning	Complete. Findings review scheduled for 10/7. Business Requirements: 100% Complete Program Assessment: 100% Complete Draft Initial Strategic POAM: 100% Complete Collaborate & Prioritize POAM: 100% Complete	8/22/2022	9/15/2022	9/30/2022
Phase 3 Penetration Test	External to Internal Penetration Test w/Social Engineering	In Progress External Penetration Test: 100% Complete Internal Penetration Test: 100% Complete Rough Draft Report: 15% Complete Final Report Delivery: 0% Complete	9/6/2022	9/28/2022	10/7/2022
Phase 4 Assessment	Framework based security program control assessment	In Progress Information Security Assessment: 10% Information Security Program Control Evaluation: 75% Deliverables: 0%	9/19/2022	10/27/2022	

- Key Deliverables
  - Network Discovery/Mapping Documentation Updated and Completed
  - Plan of Action and Milestones Report Completed
  - Penetration Testing Report In-Progress
  - CIS (Center for Internet Security) Critical Security Controls v8 Assessment In-Progress
- Estimated Completion 11/11/2022

#### **Oneida Nation Broadband Initiatives**

Established Oneida Broadband Group - Bi-Weekly Meetings

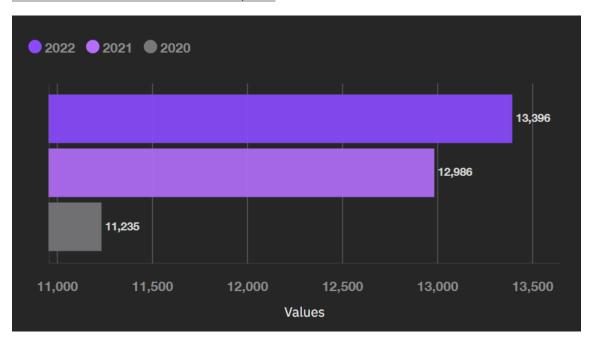
- <u>Functional groups participating</u> DTS, GM Office, DPW, EHSL&A,
   Intergovernmental Affairs, Rabbit Communications, Grants, Emergency Management
- Towers Work (2.5 GHz and 800 MHz Systems)
  - Locations Completed
  - Propagation Studies Completed
  - Engineering In-Progress
  - Environmental assessments
    - Wetland Assessment Completed
    - NEPA Not yet started
    - Land Commission Meeting TBD
- Smart Cities Concept
  - Project Kick-Off 10/21/22
- Broadband Partnerships
  - Nsight Meeting scheduled for presentation
    - Develop MOU
  - Review Broadband (ISP/Mobile Carriers) providers
    - US Cellular/TDS Metrocom
    - Verizon
    - T-Mobile
- Grants
  - NTIA TBCP
    - Grant descoped from 12.5 million down to 500,000.00
    - Round 2 Funding
      - Consultations completed
      - Waiting on NOFO
  - Treasury Grant
    - Received 167,504.00
  - WI DHS (Department of Health Services)
    - Received 85,000.00 and 65,010.00
  - Digital Equity Planning Grant submitted
    - Max Grant 150,000.00

# Outcome/Goal # 4 - Application Services

Optimize Use of Resources

MEASUREMENT: Increase Member Applications for Covid Relief Funds:

ACCOMPLISHMENTS RELATED TO THE OUTCOME/GOAL:



Through the combined efforts of the Business Committee, General Managers Office, DTS, Enrollments and Accounting; the # of Applications for FY22 GWA (General Welfare Assistance) funds has increased 9.7% over the # of Applications for the FY21 payment. The efforts of the team also resulted in an 99% automated solution from Application to Validation to Payment Processing saving 1,000s of hours of manual labor.

#### FY 22 GWA

- o 14,584 Eligible Members
- o 13,396 Applications Submitted
- o \$25.4M in Funds Distributed

#### o FY 21 GWA

o 12,986 Applications

#### o FY 20 GWA

o 11,235 Applications

#### EXPECTATIONS/FUTURE PLANS REGARDING THE OUTCOME/GOAL:

DTS staff will continue to look for opportunities to automate manual processes to reduce manual labor hours and improve access to Programs and Services throughout the Oneida Nation

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Photos (optional):



Dr. Shane Archiquette - CIO



# Oneida Digital Technology Services



Oneida Digital Technology Services