



Office of Information
Technology Services

Child Care Pandemic Relief Funds (CCPRF)

ITS Briefing

June 4, 2021

ITS Business Application Solutions

Overview

As part of the Child Care Pandemic Relief Funds (CCPRF) program, NYS ITS along with the Office of Children & Family Services (OCFS) is working on a technology solution that provide childcare for essential workers, working 20 or more hours per week, who work outside of the home, at reduced or no cost to the worker. New York State essential workers using a New York State OCFS licensed, or registered childcare provider will receive a scholarship for the cost of care, up to the market rate, which is contingent on the availability of funds to support it. All licensed and registered providers (not legally-exempt), who are caring for the children of essential workers are able to participate in this new program.

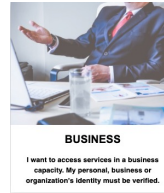
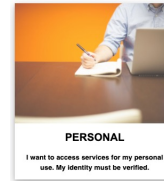
Additionally, ITS is also providing the capability to support Business Continuity Grants (BCG) through this solution.

Technology Components

- Public-Facing Parent Portal
- Public-Facing Provider Portal
- Internal Case Management application for state knowledge workers
- Payment Processing Module
- EWS Certification Generation Module

Identity & Access Management

- Parents would be required to create a “Personal” NY.Gov identity account
 - [Welcome to My NY.gov Online Services](#)
- Providers would be required to create a “Business” NY.Gov identity account.
- State Knowledge workers would be required to use their “Government” NY.Gov identity account



Identity & Access Management

- The NY.Gov identity services are delivered through the state's identity management platform using Okta.
- The Public Portals use the Open ID Connect (OIDC) + OAuth 2.0 PKCE flow.
- Case Management uses Open ID Connect (OIDC) + OAuth 2.0 Authorization code flow.

Public Facing Portal - Technology Stack

- Front End Stack
 - Modern responsive using Google Angular framework
 - v11.0
- API
 - Microsoft .NET Core
 - 3.1
- Data
 - Microsoft SQLServer 2019

Case Management - Technology Stack

- Full Stack
 - .NET Core MVC
 - v3.1
- Data
 - Microsoft SQLServer 2019
 - Common data store for Public-facing intake & Case Management

Integrations

- Email/SMS Correspondence [Assured Delivery]
 - Granicus
 - Method: REST API
 - Credentials Needed: Yes
 - Used by:
 - Public Facing - Parent & Provider Portal
 - Case Management
- ITS Implementation
 - Queued service
 - Scheduled Batch Job (24/7)

Integrations

- **GIACT**
 - gAUTHENTICATE® and gVERIFY
 - **Identity & Account Verification [Banking]**
 - Method: REST API
 - Credentials Needed: Yes
 - Used by:
 - Public Facing - Provider Portal
- **ITS Implementation**
 - Real-Time API

Integrations

- ITS Enterprise Content Management [ECM]
 - Document Management
 - Method: REST API
 - Credentials Needed: Yes
 - Used by:
 - Public Facing - Parent & Provider Portal
 - Case Management
- ITS Implementation
 - Real-Time API

Integrations

- OCFS Child Care Facility System (CCFS)
 - System of Record
 - Method: API (web service)
 - Credentials Needed: Yes
 - Used by:
 - Public Facing - Parent & Provider Portal
 - Case Management
- ITS Implementation
 - Real-Time API

Integrations

- NYC Child Care Activities Tracking(CCAT)
 - System of Record
 - Method: API (web service)
 - Credentials Needed: Yes
 - Used by:
 - Public Facing - Parent & Provider Portal
 - Case Management
- ITS Implementation
 - Real-Time API

Current Payment Processing

- Invoice Generation [**Custom Integration, No API exists for EWS Implementation**]
 - Prepares invoice data to send to OCFS CAPS
 - CAPS -> Central Accounts Payable System
 - Translates Certified approved payment data from system into CAPS format
 - Custom tables created in CAPS database
 - CAPS imports data into Miscellaneous Accounts Payable System (MAPS) [Oracle database]
 - MAPS validates fields, creates vouchers with SFS required fields and adds OCFS CARES Charts of Account for funding (COA)
 - CAPS creates a secure bulk load file to SFS
 - Monday – Friday (before 5pm)
 - CAPS securely imports Interface Disposition Listing (IDL) file
 - IDL indicates success or error of Voucher transactions
 - CAPS stores IDL listing in MAPS
 - CAPS securely imports M171 extract file (Monday – Friday) storing all OCFS payment information
 - CAPS write payment details into CaresPayment table for tracking
 - Payment, Cancellation & Reconciliation

API - Payment Processing

- ITS will provide a secure web service as a gateway into the CAPS system
 - CAPS -> Central Accounts Payable System
 - CAPS interfaces with SFS
- Service would be exposed through ITS API Management platform [Akana]
- Service contract would be provided for consuming client

EWS Certification

- Prepares weekly certification records for submitted Essential Worker scholarship applications.
- Allows providers to certify attendance for payment
- Schedule Batch component
 - Microsoft .NET Core
 - v3.1
 - Integrates with Granicus for correspondence
 - Integrates with OCFS CCFS & NYC CCAT

CCPRF EWS Conceptual

