# Migration to Mainframe as a Service (MFaaS)

MFaaS Steering Committee Meeting

June 9, 2020

# Agenda

- Welcome

- Project information
    - Review and approval of project documents
        - Implementation Charter and Integrated Project Management Plan
    - Schedule: Proposed Mock Testing dates
    - Discussion: Disaster Recovery
    - Ensono update
    - Review of critical RAID log items
    - Introduction: Pricing Model for 2021-23 Biennium

- Sightline project Quality Assurance

- Close and next steps

# Review and Approval of Project documents

q   Charter

q   Integrated Project Management Plan

q   Draft for review: Project Schedule (a living document for feedback, no approval)

## Proposed Mock Testing

- Mock Testing is currently scheduled as a continuous three-week window from November 1 through November 20
- Ensono will provide remediation as needed during this window
- WaTech is requesting a late September or early October preliminary testing window (3-5 days) for both an early testing window and the ability for customer agencies to validate testing plans.

- Disaster Recovery (DR) validation will be performed during the second week of November (during the Mock testing)
- What will occur:
  - DR in Downers Grove, IL will be replicated from Pre-production in Omaha
  - Ensono will confirm environment and systems are functional and valid
  - Flow and expectation will be similar to the DR process and connectivity that is currently done, where WaTech validates the environment and customer agencies are able to connect and test
  - A limited test window is being proposed to allow customer agencies to connect and validate the DR environment
  - A full DR test will be planning in 2021 that will provide customer agencies the opportunity to perform the DR testing and processing currently done at WaTech twice a year. (This DR test is TBD.)

# Ensono – Overall Project Status

| ensono OPERATE FOR TODAY OPTIMIZE FOR TOMORROW | WaTech MFaaS 2020-PRJ-7518 | | | | | | REPORT DATE | 06-05-2020 | Targets / Commitments will not be met |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | A — Targets / Commitments at risk |
| | | | | | | | | | Targets / Commitments on track |
| **OVERALL STATUS** | G | **SCOPE** | B | **TIME** | G | **RISK** | A | | Complete / Closed — Not yet started / On Hold |

## KEY RECENT ACCOMPLISHMENTS / KEY UPCOMING ACTIVITIES

| KEY RECENT ACCOMPLISHMENTS | KEY UPCOMING ACTIVITIES |
|---|---|
| • Knowledge Discovery Sessions Continuing, with focus on departing staff <br> • OCS Security Design Review – Completed 6/1 <br> • ITSM – Initial Process review completed <br> • Site-to-Site VPN Documentation and joint meetings continue <br> • TADz Environment reviewed – SW is current, last run was in 2016 <br> • Software Contracts review completed | • Detailed Planning on-going. Ensono to review impacts/cost of extending Mock Testing schedule <br> • Finalize KA Discovery Sessions and Run Book Creation - Drafts due 6/12 <br> • ITSM Portal setup in progress – 50% complete, ETC 6/15 <br> • Network Connectivity (Site-to-Site VPN) Phase 1 scheduled for 6/11 Implementation <br> • TADz – Backup of Global Knowledge Base, then refresh data run <br> • Set up recurring weekly meetings for ISV Software TPA's and Renewals |

| KEY MILESTONES (Program Workstream) | OWNER | DUE DATE | STATUS | NOTES |
|---|---|---|---|---|
| Planning & Design – Remote Hosted and Fully Hosted | Jim Lawson / Jay Ellsworth | 30-JUN-2020 | G | Team now has proposed dates for Mock Testing and DR Validation (incl. SW Keys) Ensono to review impacts and costs to allow for a 90-day Mock Testing window |
| User ID's and Access | WaTech / Debbie LaCroix | 31-JUL-2020 | A | Initial ID's processed. Additional requests on-going WaTech confirming if FTI has moved off the MF |
| Discovery / Shadow / Reverse Shadow | Jay Ellsworth / Ron Rosenthal | 30-JUL-2020 | G | Deep Dive Sessions in progress. Shadowing scheduled to start 6/8 |
| ITSM Portal Implementation | Emily Togni / Donna Edwards | 01-JUL-2020 | G | Initial Process & Procedure review completed. Portal set up in progress |
| Remote Hosted Go - Live Readiness | Jay Ellsworth | 01-JUL-2020 | G | Initial Operational Readiness meeting held. Weekly recurring meeting scheduled |
| Remote Hosted Go - Live | Jay Ellsworth | 01-Jul-2020 (MF) 13-Jul-2020 (OP's) | Gr | Not yet Started |

| R/A/I/D | DESCRIPTION | OWNER | STATUS/PLAN |
|---|---|---|---|
| R | Agency Participation may impact DR and Mock schedules. | WaTech | WaTech has requested a 90-day window for Mock Testing. Dec-05/06 is the primary target date for cutover to Fully Hosted. November dates proposed for Mock and DR Validation (to include SW Keys) |
| R | Background checks (FTI) need to be fully defined. Potential impact to Ensono access and support | WaTech | WaTech is comfortable with Ensono level BG Checks (assuming within 5 years). Ensono to provide roster. Awaiting confirmation on the FTI requirements. WaTech to confirm if FTI has moved off MF |

# Ensono

## WaTech MFaaS – Knowledge Acquisition Status

ensono | OPERATE FOR TODAY. OPTIMIZE FOR TOMORROW.

**WATECH – State of Washington – MF Hosting**
**2020-PRJ-7518**

| Tracks | Discovery/Run Book Creation | | | | Shadow Support/Run Book Adjustment | | | Reverse Shadow/Run Book Adjustment | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Start Date | Est End date | % Complete | Playbook | st Start Date | Est End date | % Complete | Est Start Date | Est End date | % Complete |
| zOS | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| zVM | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| zLinux | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| MQ | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| CICS | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Console Operations / Batch Monitoring | 4/28/2020 | 6/5/2020 | 100% | | 6/8/2020 | 6/26/2020 | | 6/29/2020 | 7/10/2020 | |
| ADABAS systems Support | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| DB2 Systems Support | 5/4/2020 | 6/5/2020 | 10% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Software & Hardware Entitlement (Tracking Only) | 5/4/2020 | 6/5/2020 | In Progress | | | | | | | |
| ISV SW Support | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Mainframe Network | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Storage | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Capacity Management / Performance Planning | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Automation | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| DR and BCP Management | 5/4/2020 | 6/5/2020 | 50% | | | | | | | |
| Authcodes | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Job Scheduling | 5/4/2020 | 6/5/2020 | 10% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Audit | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| In Flight Projects (Tracking Only) | 5/4/2020 | 6/5/2020 | 50% | | | | | | | |
| Encryption | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Security - Standard | 5/4/2020 | 6/5/2020 | 75% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| Mainframe Hardware Configuration | 5/4/2020 | 6/5/2020 | 50% | | 6/8/2020 | 6/26/2020 | | 6/27/2020 | 7/10/2020 | |
| **Total % Complete** | | | **52%** | | | | **0%** | | | **0%** |

# RAID (Risk, Actions, Issues & Decision) Log

Key Risks and Issues

- Risk #16: Agency Testing resources to build and the execute Test Plans: Resourcing the build out of Test plan, and successfully executing in timeframe
- Risk #12: Covid-19 impacts to team schedules if teams are required to work remotely for an extended period of time.
- Risk #4: Mainframe hardware/software is nearing End of Service (EoS).
- Risk #13: Risk increases for some agencies if Production cutover date (Dec 5/6) is missed. Contingency date is only one week later, and that might not be enough time to fix the issue.
- Issue #1: Mainframe Tech staff are leaving to other agencies

# Pricing Model discussion

- Goal is present pricing model asap, no later than August meeting
- Discussion and Q&A

- Next steps:
  - Finalize baseline quantities, finalize software list, update Shared Services cost
  - Sub-group review prior to SC meeting on 7/14

# Call to Action

- Identify testing lead and backup – 6/30/20
- Confirm high level testing approach – 7/15/20
  - e.g. regression testing, spot checking, critical programs
- Document, review and confirm test plans for Mock  – 8/31/20
- Document, review and confirm verification plans Production – 9/30/20
- Review results from Mock Testing (may result in changes to Test Plans) – 11/1-20/20
- Review results from DR Testing (may result in changes to Test Plans) – 11/8-11/20

Quality Assurance information from Sightline…

Q & A...

# Thank you

- Adjourn
- Sub-group meeting
- Our next meeting is planned for July 14$^{th}$ at 2pm