Process Cockpit

EPM Solution Accelerator

Infor

Infor EPM – Process Cockpit

Vision

Infor d/EPM solution accelerator, which

✓ enables **the customer** to execute **processes** in a **managed** way

✓ providing **transparency** about the status and results of process executions

✓ enables the user to **act** in a **self-employed manor**

The solution accelerator should

✓ provide all required functions that a user can **fulfill their task**

✓ but **take away** all tasks a user should **not care of**

Overview of use cases

Main use cases covered by the solution accelerator "Process Cockpit" within a d/EPM application:

RAISE REQUESTS

- On-Demand or scheduled process requests
- Configurable for any d/EPM batch
- Processes can be configured individually

EXECUTION OF REQUESTS

- Execute on-demand requests
- Manage concurrency of requests
- Execute schedules via Infor OS

FEEDBACK

- Get current request status
- Receive process result
- See detail protocol for processes
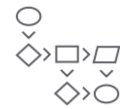- Get an overview of process requests

MAINTENANCE

- Add & manage available processes
- Permission configuration
- Concurrency & parameter settings
- Housekeeping actions

Infor EPM – Process Cockpit

Key Facts & Add-ons

Standardized ICS solution for unifying any batch process execution in a EPM
project, ready to run in cloud environments

Process Execution Framework

- Allows transparent process execution
- Allows parallel executions in managed
  manor

Infor Technology

- Usage of Infor d/EPM technology
- Usage of Infor OS technology
- Easy setup and integration in any
  existing d/EPM project

Data Wizard Component

- Allows power users to delete or copy
  data within any Infor OLAP hypercube

File Attachment Component

- Allows users to provide attachments to
  any batch job
- Sample process implementation
  included

Process Cockpit: Layers

Process Control Mechanism

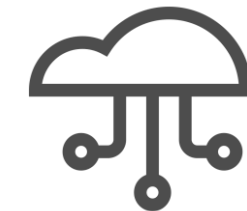Standardized database schema and process agent

- DB is containing the configuration & execution history (EPM Stageing)
- Agent is managing the execution of process requests centrally (App. Engine, ION Workflow)

Web Frontend

Standardized set of Infor EPM application studio reports.

- Cockpit Report which allows on demand execution by users
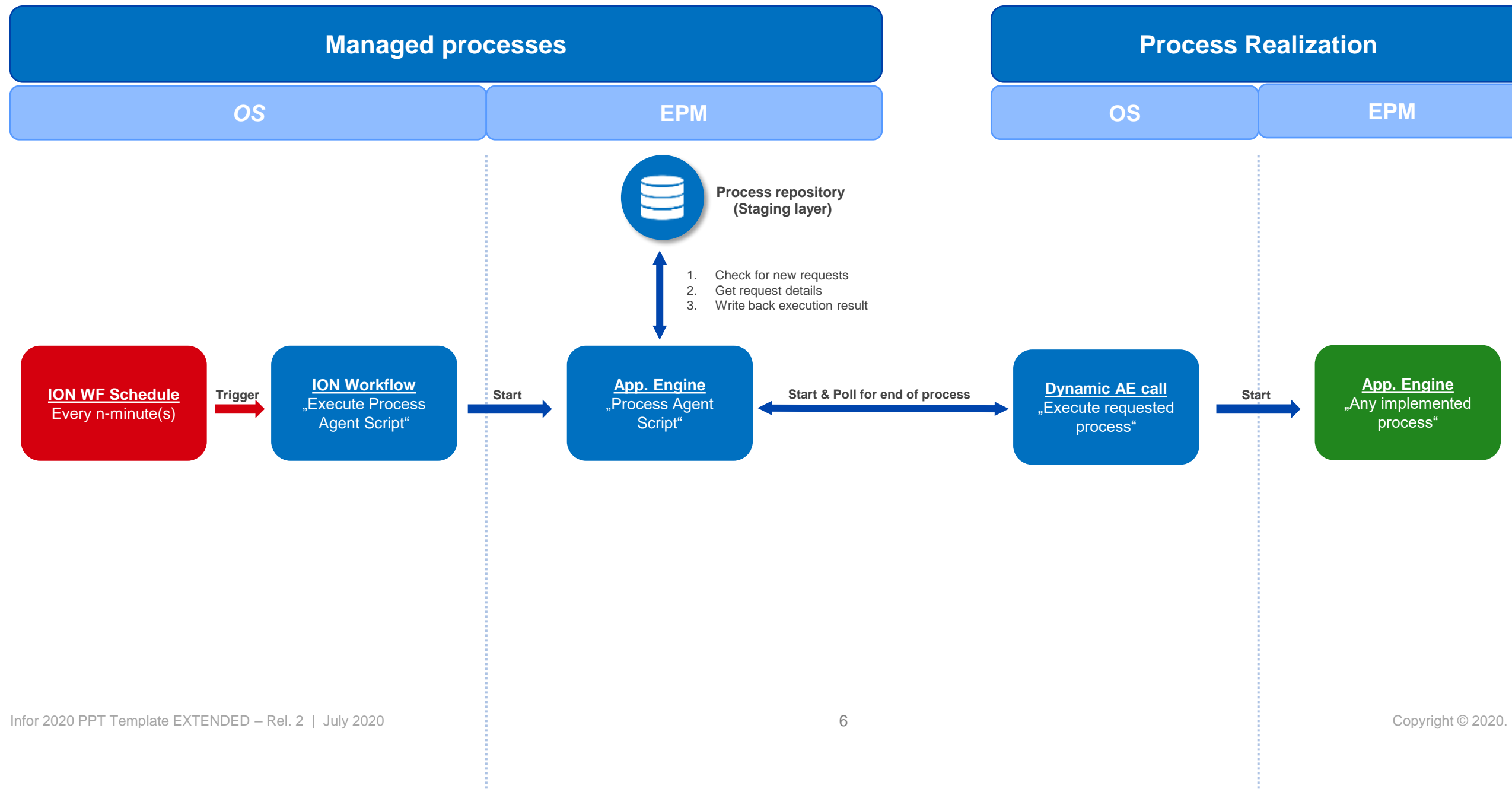- Overview of request history
- Protocols for previous executions

Process Realization

Implementation of custom processes for any EPM application

- App. Engine is mandatory as entry point
- Any other available technique (callable via App. Engine could be used)

Process Cockpit

Managed processes		Process Realization	
OS	*EPM*	*OS*	*EPM*

Process repository (Staging layer)

1. Check for new requests
2. Get request details
3. Write back execution result

ION WF Schedule
Every n-minute(s)

Trigger →

ION Workflow
„Execute Process Agent Script"

Start →

App. Engine
„Process Agent Script"

← Start & Poll for end of process →

Dynamic AE call
„Execute requested process"

Start →

App. Engine
„Any implemented process"

Relevant actors

Actor	Short Description	Key requirements
Business Users	Users who are working with the d/EPM application	• Should not need a knowledge about the technical implementation of the application • On-Demand execution ("raise a request") of any batch processes or imports, w/o the knowledge what other business users are requesting • Permission controlled parameter selection based on process context • Ability to attach files (e.g. input data) for "specific" processes • See status of a process execution • Get result about a process execution • See detail process protocol • Get advice in case of an exception / error, should be able to act in a self-employed manor
Business Admins	Users who are performing the business maintenance of the d/EPM applications / Power Users	• Configuration of permissions for published processes for business user roles • See overview about all planned/requested, current running or already executed processes (e.g. filter options) at one place • Plan schedules for any process • Usage of data wizard components • "Business User" requirements are also applicable to "Business Admins"
Solution Admins	Users who are responsible for setup and system maintenance	• Setup/Integration into any d/EPM application • Easily integrating new processes, independent of the "technique of realization" • Configuration of "concurrency rules" for processes • Integration of housekeeping rules • *OPTION: Same IA for MT and on-prem in the same way*
Technical/System User	Any technical/system users, e.g. process agent, scheduler, external applications, etc.	• Responsible to handle any process requests, independent if on-demand or scheduled • Ability to create or execute process requests • Ability to query process results or detail protocols

Extension: Process Task Groups

Infor EPM – Data Management & Modelling

Thank you!

Infor is a global leader in business cloud software specialized by industry.

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