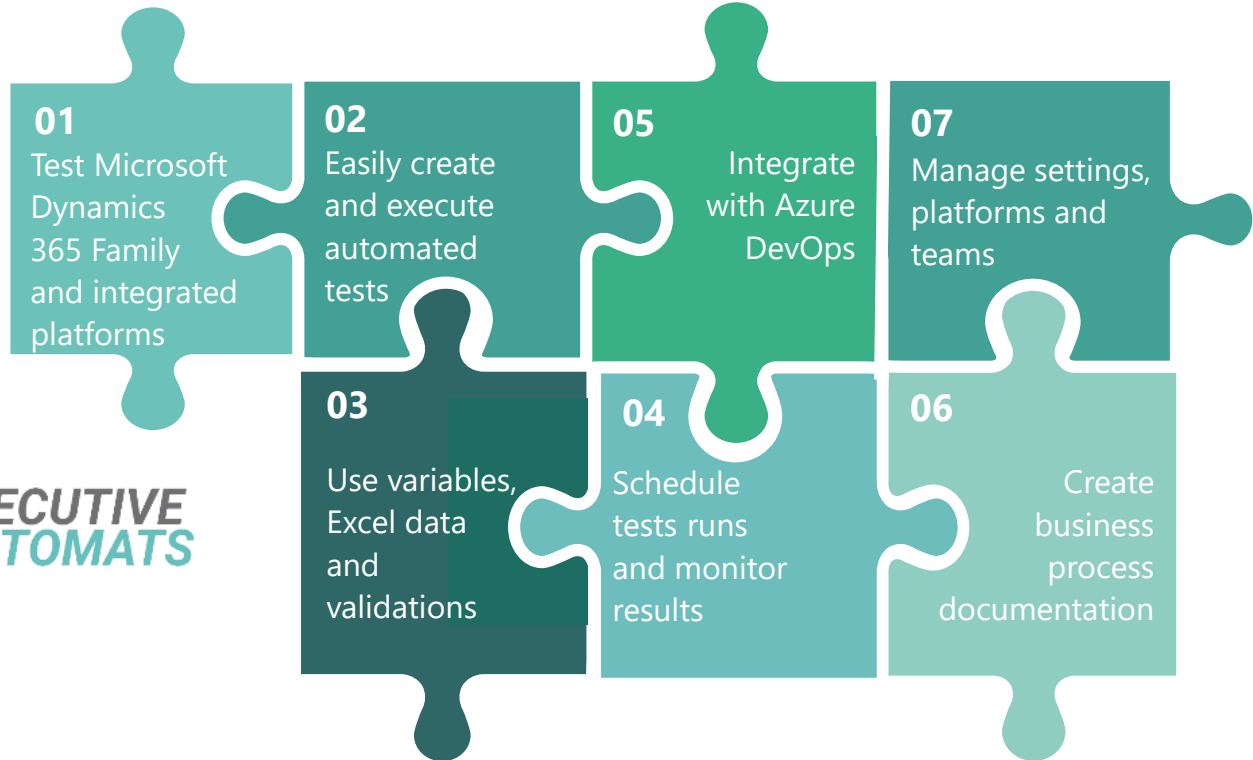


EXECUTIVE AUTOMATS

MAIN FEATURES

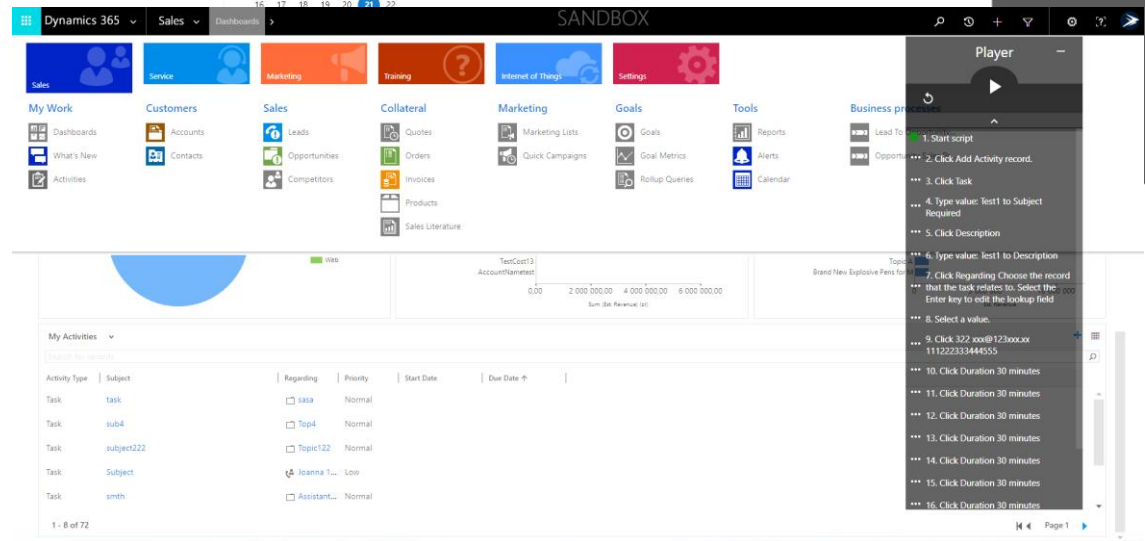
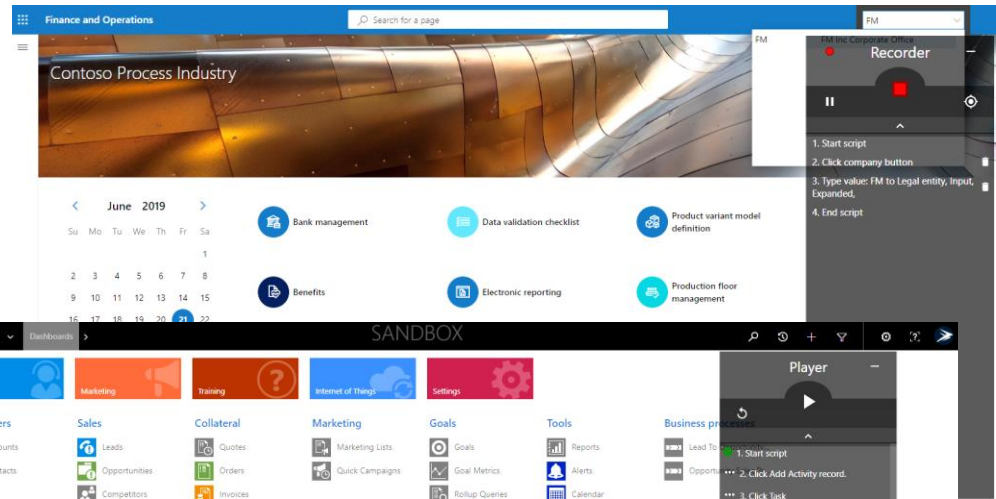
JUNE 2019

EVERYTHING YOU NEED TO CREATE COMPLETE AUTOMATED TEST SUITES IN MS DYNAMICS 365



1. TEST MICROSOFT DYNAMICS 365 FAMILY PRODUCTS

- Microsoft Dynamics 365 Finance & Operations
- Microsoft Dynamics 365 Customer Engagement (CRM)
- Microsoft Dynamics 365 Retail + CPOS
- Microsoft Dynamics Business Central
- Possible integrations with other web-based platforms



Use Executive Automats to automate testing on independent web-based applications as well as across multiple applications in 1 test to verify platform and data integrations



2. EASILY CREATE AND EXECUTE AUTOMATED TESTS

Super simple Record & Play tool with intuitive UI

Use number of features to transform recording into expected test scenario

Manage your scripts with Projects to divide into modules, teams or platforms

EXECUTIVE AUTOMATS | Projects | Scripts | Scheduler | History | Settings

Projects > 94 (D365FO-10)

+ Create - Remove Actions ▾ Details Scripts Test Results History User groups Virtual users Systems Issue track

Select category ▾

Search projects 🔍 📄 📄 ✎ Edit

- AXUG Summit
- Azuredevops
- CPOS
- CRM Sandbox Test
- CRM Test Week
- CRM_Pord_Tests
- CRM_TEST_XPLUS
- Contoso D365 10.1 TEST
- Contoso D365 10.2
- Contoso D365 10.3

Name: D365FO-10

Category: ▾

Version: Enter version

Start date: Select start date 📅

Due date: Select due date 📅

Description: Enter description

ser

Parallel

Execution status



■ ERROR ■ SUCCESS ■ WARN

Recorder

Status: Draft

1. Start script
2. Open menu
3. Click Products
4. Click Add Product Create a new product. If you select an existing product family record, and then click Add Product, the new product will be created as a child of the selected product family.
5. Type value: Product Test to Name Required
6. Click Product ID

Player

Status: Draft

9. Click Clear
10. Select row (value: 10)
11. Click Save
12. Create fixed asset
1. Start script
2. Go to Fixed assets/Fixed assets/Fixed assets
3. Click New
4. Type value: 7 to field Fixed asset group
5. Select segment: Sequence / FixedNumber to Number

Scripts > 989 (Create Vendor) > Steps DRAFT

General Variables Steps Linked In Guards History Diagram Work items

+ New step ▾ Remove Refresh Copy Paste Reorder Quick actions ▾

LINE	OPTIONAL	LABEL	AVERAGE TIME
<input checked="" type="checkbox"/>		1 Start script	
<input type="checkbox"/>		2 Go to Accounts payable/Vendors/All vendors	
<input type="checkbox"/>		3 Click New	
<input type="checkbox"/>		4 Select segment: Vendor_000024 to Vendor account	
<input type="checkbox"/>		5 Select segment: Vendor24 to Name	
<input type="checkbox"/>		6 Click field Group	

Use easy and intuitive tool interface to create complete test scripts and scenarios. Empower your testing teams with a codeless tool to manage testing process fast, easy and very effective.



3. USE OF VARIABLES, EXCEL DATA AND VALIDATIONS

Create variables and assign them with dynamic values

Use excel spreadsheets to input testing data sets

Pick variables directly from User Interface with “Inspect”

Create conditional steps to validate fields and variables

Use “Guards” and “Expressions” to create tests exactly as you need

Create 'Assign' Step

Data Source

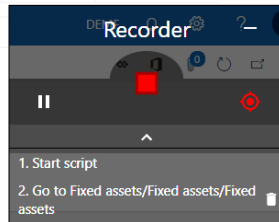
* Label:

Delay:

* Create after step:

=

Variable will be created



You may create different test scenarios to maximize your automated testing scope. Create conditional steps, jump between, validate fields and values, catch values and feed scripts with excel file data sets

Create 'Conditional' Step

* Label:

Delay:

* Create after step:

IF

* Conditional type:

* Condition:

THEN

* Select action:

Enter message:

ELSE

* Select action:

* Select step:

* Select sheet:

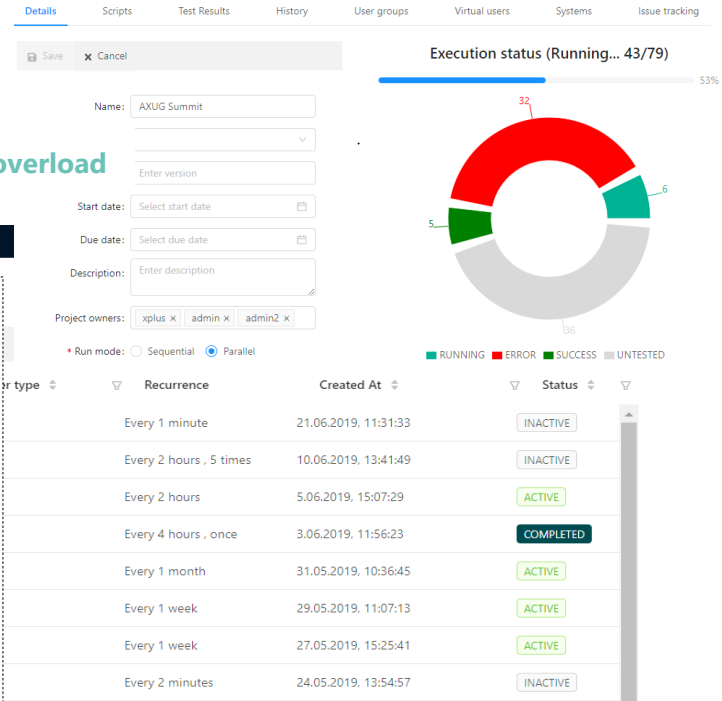
4. SCHEDULE TEST RUNS AND MONITOR RESULTS

Schedule execution of individual Scripts, Scripts queues and Projects

Monitor test results from Project, Script and individual steps perspective

Execute many scripts at the same time to speed up large testing Projects

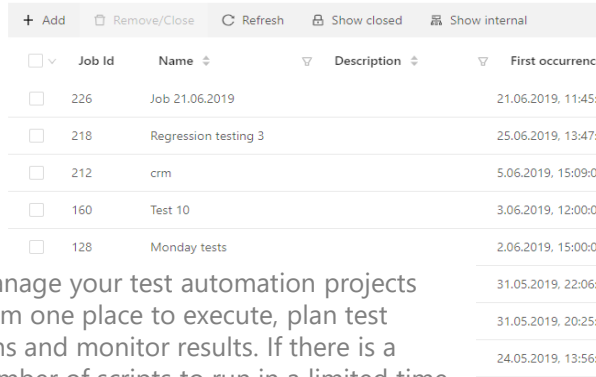
Execute number of virtual users business processes to simulate a real system overload



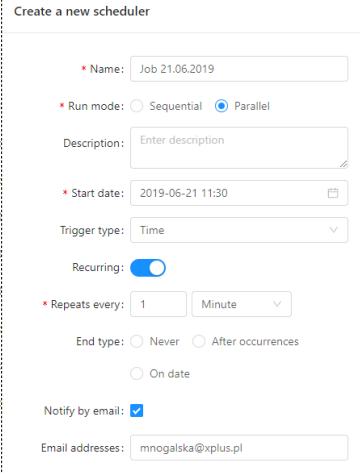
Name	Recurrence	Created At	Status
AXUG Summit	Every 1 minute	21.06.2019, 11:31:33	INACTIVE
	Every 2 hours, 5 times	10.06.2019, 13:41:49	INACTIVE
	Every 2 hours	5.06.2019, 15:07:29	ACTIVE
	Every 4 hours, once	3.06.2019, 11:56:23	COMPLETED
	Every 1 month	31.05.2019, 10:36:45	ACTIVE
	Every 1 week	29.05.2019, 11:07:13	ACTIVE
	Every 1 week	27.05.2019, 15:25:41	ACTIVE
	Every 2 minutes	24.05.2019, 13:54:57	INACTIVE



Scheduler



Job Id	Name	Description	First occurrence
226	Job 21.06.2019		21.06.2019, 11:45
218	Regression testing 3		25.06.2019, 13:47
212	crm		5.06.2019, 15:09:0
160	Test 10		3.06.2019, 12:00:0
128	Monday tests		2.06.2019, 15:00:0



Create a new scheduler

- Name: Job 21.06.2019
- Run mode: Sequential Parallel
- Description: Enter description
- Start date: 2019-06-21 11:30
- Trigger type: Time
- Recurring:
- Repeats every: 1 Minute
- End type: Never After occurrences On date
- Notify by email:
- Email addresses: mnogalska@xplus.pl

Manage your test automation projects from one place to execute, plan test runs and monitor results. If there is a number of scripts to run in a limited time – no worries- you may execute in parallel sessions!



5. INTEGRATE WITH AZURE DEVOPS

Create issue tracking tool rule

Secure API integration

Automatically run Executive Automats tests from Azure DevOps process

Automatically create Azure DevOps Tasks for any automated tests issues

Set-up email notification for selected automated tests issues

* Name:

* Issue tracking tool:

* Triggers:

Iteration:

Work item type:

Priority:

Severity:

Errors and warnings of Create fixed assets

Step 16. Click Save

ERROR - Cannot create a record in Fixed assets (AssetTable). Fixed asset number: Fix-01, Fix-01. The re

[Open work item 14385](#)

[Close](#)

Azure DevOps

Awx365

Overview

Boards

Work Items

Boards

Backlogs

Sprints

Queries

Plans

Team Capacity

Activity Feed

Estimate

Repos

Pipelines

Test Plans

xplussa / Awx365 / Boards /

Work Items

Recently updated | + New

Filter by keyword

ID	Title	Assigned To	State	Area Path	Tags
14385	Script 971 Create fixed assets	Unassigned	Proposed	Awx365	
14372	Adjust image proportions in generated doc file	Mateusz Trzopek	Proposed	Awx365\BR	
14335	CRM Menu items	Bartłomiej Kossak	Active	Awx365\BR	
14317	Save value from inspect into History tab	Unassigned	Proposed	Awx365\EA	
14298	Possibility to filter conditionals on the History tab	Unassigned	Proposed	Awx365\EA	
14295	Log in to CRM from login step	Unassigned	Proposed	Awx365\EA	
14293	[CRM] Recorder does not register selection step from the list in Dur...	Patrick Truszcz	Active	Awx365\EA	
14285	Build information in console	Unassigned	Proposed	Awx365\EA	
14282	[CRM] Clicking on snooze this card/dismiss this card	Patrick Truszcz	Proposed	Awx365\EA	
14184	[CRM] Tworzenie nowego rekordu z zakładki What's new	Bartłomiej Kossak	Active	Awx365	
14183	Global Variables	Bartosz Szpiech	Proposed	Awx365\BR	

API

Combine your manual testing plans with test automations with Azure DevOps. Automate test executions from Azure DevOps and automatically create DevOps tasks from test results to improve test plan continuity, management, coverage and integrity

6. CREATE BUSINESS PROCESS DOCUMENTATION

Start with your process and module owners to let them record business processes

When business process changes, update it with Executive Automats

1 click to create up-to date process documentation

* Name:

Manual URL

Use project default environment:

Use project default virtual user:

Description:

Execution timeout:

Take screenshots:

Select play mode

Play mode:

Auto start:

Step by step:

Slow mode:

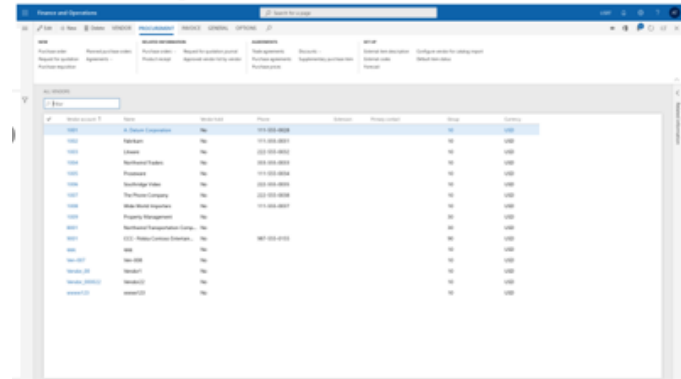
In Executive Automats, your scripts and test scenarios are based on your actual business processes. If you update your business processes, with 1 click you can also update your business process documentation

Process documentation in Word document

Steps:

1. Start script
2. Go to Accounts payable/Vendors/All vendors
3. Click New

The above action generates:



Vendor	Segment	Account	Balance	Open Item	Open	Clear
0000	A - Other Expenses	111-000-0000			10	USD
0000	Expenses	111-000-0001			10	USD
0000	Costs	111-000-0002			10	USD
0000	Workshop/Fuel	111-000-0003			10	USD
0000	Process	111-000-0004			10	USD
0000	Spending Plan	111-000-0005			10	USD
0000	The Power Company	111-000-0006			10	USD
0000	Walt World Expenses	111-000-0007			10	USD
0000	Property Management	111-000-0008			10	USD
0000	Workshop/Transportation/Car	111-000-0009			10	USD
0000	CCC - Public-Contract-System	111-000-0010			10	USD
0000	Exp	111-000-0011			10	USD
0000	Exp	111-000-0012			10	USD
0000	Exp	111-000-0013			10	USD
0000	Exp	111-000-0014			10	USD
0000	Exp	111-000-0015			10	USD
0000	Exp	111-000-0016			10	USD
0000	Exp	111-000-0017			10	USD
0000	Exp	111-000-0018			10	USD
0000	Exp	111-000-0019			10	USD
0000	Exp	111-000-0020			10	USD
0000	Exp	111-000-0021			10	USD
0000	Exp	111-000-0022			10	USD
0000	Exp	111-000-0023			10	USD
0000	Exp	111-000-0024			10	USD
0000	Exp	111-000-0025			10	USD
0000	Exp	111-000-0026			10	USD
0000	Exp	111-000-0027			10	USD
0000	Exp	111-000-0028			10	USD
0000	Exp	111-000-0029			10	USD
0000	Exp	111-000-0030			10	USD
0000	Exp	111-000-0031			10	USD
0000	Exp	111-000-0032			10	USD
0000	Exp	111-000-0033			10	USD
0000	Exp	111-000-0034			10	USD
0000	Exp	111-000-0035			10	USD
0000	Exp	111-000-0036			10	USD
0000	Exp	111-000-0037			10	USD
0000	Exp	111-000-0038			10	USD
0000	Exp	111-000-0039			10	USD
0000	Exp	111-000-0040			10	USD
0000	Exp	111-000-0041			10	USD
0000	Exp	111-000-0042			10	USD
0000	Exp	111-000-0043			10	USD
0000	Exp	111-000-0044			10	USD
0000	Exp	111-000-0045			10	USD
0000	Exp	111-000-0046			10	USD
0000	Exp	111-000-0047			10	USD
0000	Exp	111-000-0048			10	USD
0000	Exp	111-000-0049			10	USD
0000	Exp	111-000-0050			10	USD
0000	Exp	111-000-0051			10	USD
0000	Exp	111-000-0052			10	USD
0000	Exp	111-000-0053			10	USD
0000	Exp	111-000-0054			10	USD
0000	Exp	111-000-0055			10	USD
0000	Exp	111-000-0056			10	USD
0000	Exp	111-000-0057			10	USD
0000	Exp	111-000-0058			10	USD
0000	Exp	111-000-0059			10	USD
0000	Exp	111-000-0060			10	USD
0000	Exp	111-000-0061			10	USD
0000	Exp	111-000-0062			10	USD
0000	Exp	111-000-0063			10	USD
0000	Exp	111-000-0064			10	USD
0000	Exp	111-000-0065			10	USD
0000	Exp	111-000-0066			10	USD
0000	Exp	111-000-0067			10	USD
0000	Exp	111-000-0068			10	USD
0000	Exp	111-000-0069			10	USD
0000	Exp	111-000-0070			10	USD
0000	Exp	111-000-0071			10	USD
0000	Exp	111-000-0072			10	USD
0000	Exp	111-000-0073			10	USD
0000	Exp	111-000-0074			10	USD
0000	Exp	111-000-0075			10	USD
0000	Exp	111-000-0076			10	USD
0000	Exp	111-000-0077			10	USD
0000	Exp	111-000-0078			10	USD
0000	Exp	111-000-0079			10	USD
0000	Exp	111-000-0080			10	USD
0000	Exp	111-000-0081			10	USD
0000	Exp	111-000-0082			10	USD
0000	Exp	111-000-0083			10	USD
0000	Exp	111-000-0084			10	USD
0000	Exp	111-000-0085			10	USD
0000	Exp	111-000-0086			10	USD
0000	Exp	111-000-0087			10	USD
0000	Exp	111-000-0088			10	USD
0000	Exp	111-000-0089			10	USD
0000	Exp	111-000-0090			10	USD
0000	Exp	111-000-0091			10	USD
0000	Exp	111-000-0092			10	USD
0000	Exp	111-000-0093			10	USD
0000	Exp	111-000-0094			10	USD
0000	Exp	111-000-0095			10	USD
0000	Exp	111-000-0096			10	USD
0000	Exp	111-000-0097			10	USD
0000	Exp	111-000-0098			10	USD
0000	Exp	111-000-0099			10	USD
0000	Exp	111-000-0100			10	USD

1. Select segment: Vendor_000023 to Vendor account

The above action generates:

7. MANAGE SETTINGS, PLATFORMS AND TEAMS

Assign roles to your Executive Automats users to limit their access to selected Features, Scripts and Projects

Set-up testing environments, projects, users and virtual users

Create “Number Sequences” to provide test scenarios with unique data sets



Edit virtual user

Auth type: System Basic NTLM

Platform: Microsoft login

Name: Test

Login: awx.test1@XPLUSPL.onmicrosoft.com

Show password field:

Password:

Description: Enter description

EXECUTIVE AUTOMATS | Projects | Scripts | Scheduler | History | Settings

Settings > System Definitions

+ Add Remove Refresh Edit

Name	Address	Environment	Environment Address
[Redacted]	https://[Redacted]crm4.dynamics.com/app=d365default&pagetype=search&searchText=	Test	TEST
[Redacted]Test	https://[Redacted]com/demoprostdedi	Test	[Redacted]Test
D365 demo usmf	https://[Redacted]sandbox.operations.dynamics.com/?cmp=usmf&mi=DefaultDashboard	Test	D365 demo usmf
[Redacted]	https://login.[Redacted]com/auth/login	Test	[Redacted]
CRMMOB	https://[Redacted]sandbox.operations.dynamics.com/?mi=action:WHSWorkExecute&cmp=US01	Production	CRM MOB
[Redacted]	https://[Redacted]sandbox.operations.dynamics.com	Development	DEV
CRM_Pro[Redacted]	https://[Redacted]rm4.dynamics.com/main.aspx	Production	CRM_Pro[Redacted]
test[Redacted]	https://[Redacted]rm4.dynamics.com/main.aspx	Test	test
[Redacted]	https://[Redacted]rm4.dynamics.com	Test	TEST
sharepoint test	http://[Redacted]cloudapp.azure.com/default.aspx	Test	TESTSHP
D365 FO DEMF	https://[Redacted]sandbox.operations.dynamics.com/	Test	D365 FO DEMF

Create system definition

* Environment: Test

* Environment address: https://xpl-dmo02.sandbox.operations.dynamics.com/

* Application name: Test

* Environment type: Test

Description: Development

Test

Production

User Acceptance Tests

Other

Manage your Executive Automats' settings to set up EA user privileges, environments, and virtual users, as well as Project division and strategy.



CONTACT US



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