

INTEGRATION *WITH* PROCESS AUTOMATION

iPaaS with ITPA



ONE
PLATFORM.

INTEGRATION WITH
PROCESS AUTOMATION.

CONNECTING THE DOTS HAS NEVER BEEN EASIER, **WORKFLOW** NEVER MORE IN REACH.

Navigating a sea of systems, applications, and devices can make it difficult to exchange data and build workflows. Managing information across these ever-changing points can drain your resources, is prone to error, and poses a risk. **TeamDynamix can help.**

INTEGRATION WITH PROCESS AUTOMATION.

1. One platform with OOTB connectors to common systems
2. Easily create connectors to any API/Webhook
3. Universal library – share across TDX Community
4. Drag & drop visual flow builder for process automation
5. Connected TDX Service & Project platform OOTB

No coding. No scripting. Full control.

Pick from a library of OOTB connectors to many core systems that are in use every day, or quickly pop a connector on top of an API or Webhook; each holding all the information needed to build out workflows. *Watch process automation take off.*

Designed using the principles behind MIT's Scratch and Google's Blockly, TDX Flow Builder offers a visual programming model ideal for fast & easy execution. An inspired graphical programming language, it's not a library but is instead a full app with an integrated execution environment.

The platform automatically generates flows based on your drag and drop actions. No coding or scripting required.

Today's Challenge

Point to point connectivity is prone to error while managing an unknown universe of APIs is ineffective and risky. It is time consuming, prone to error, and presents security risks.

Creating workflows often requires coding, data is incorrect or not in the right format, and broken connections prevent proper automation.

Solution

A single integration platform with OOTB connectors to systems you use every day; easy to create API connectivity and a drag & drop flow builder to create true process automation. Visualize and create using a block & snap flow builder – no coding.

iPaaS – Integration as a Service with Process Automation (ITPA)

- OOTB connectors to systems you use every day
- Quickly create new connectors
- Access data from APIs & webhooks
- Secure & control all APIs/Webhooks
- Drag & Drop Flow Creation / Builder
- Visualize and create flows – without coding
 - Kick off PowerShell scripts
 - Trigger action from risk alerts
 - Initiate routines from a data change
 - Initiate action from TDX Ticketing / Projects
 - Transform and harmonize data

One platform – with a predictable cost structure!



Universal Connectivity – Out-of-the-Box (OOTB)

Access OOTB connectors to systems that you use every day.

– or easily build new ones! Stop worrying about poorly built or unknown integrations that pose a security risk; find, understand and use APIs with confidence; simplify, centralize and secure connections. **Reduce integration building time by up to 90%.**

API Management.

Easily spin up a new connector to an existing API with secure access and API governance. Track API usage; rapidly create new APIs; make APIs available to all who need them; create composite APIs. Speed development by easily creating new APIs from multiple backend systems and quickly reuse existing connectors. *Monitor usage to prevent overload.*

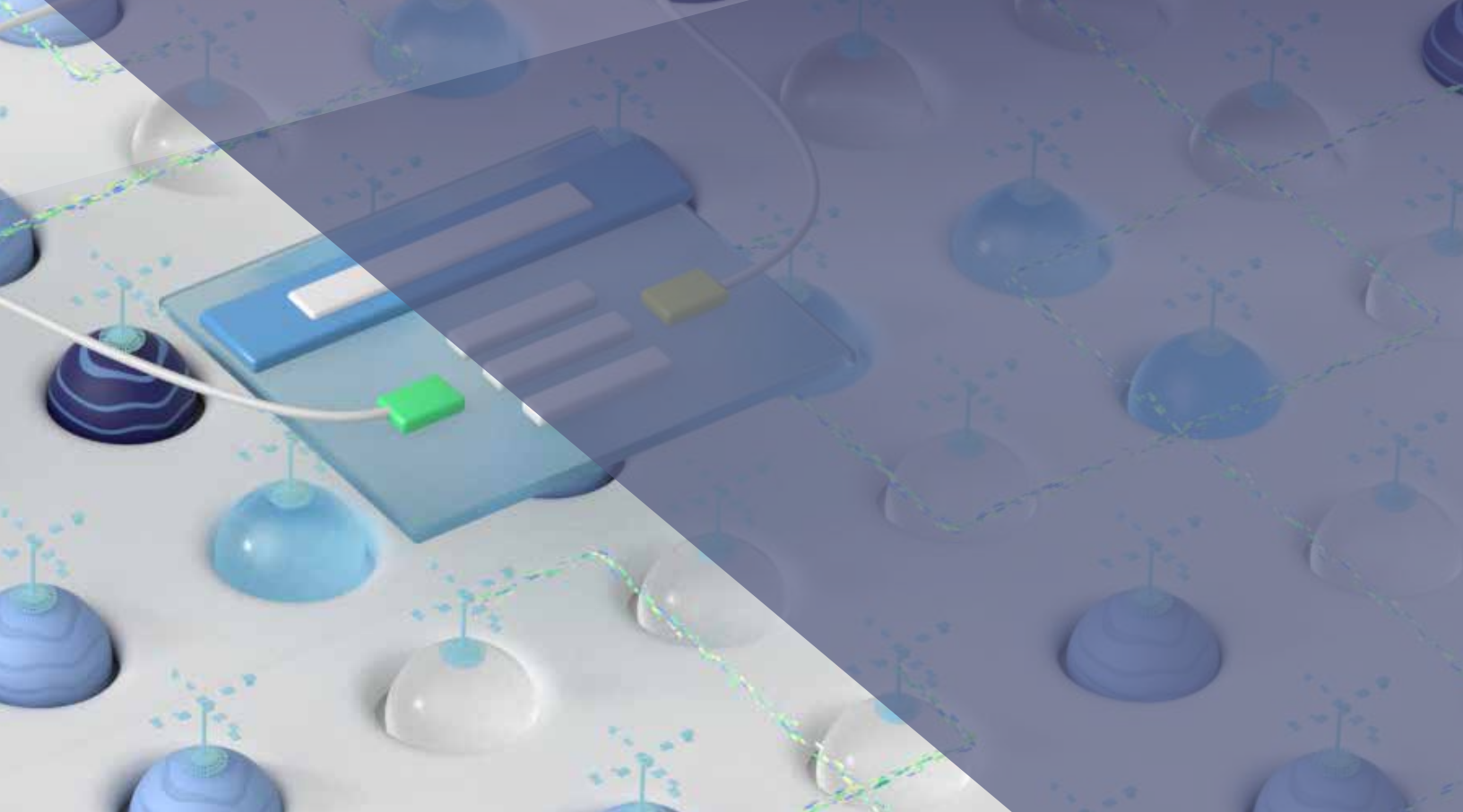
Transform and harmonize data.

Working with data from multiple platforms will inevitably create incompatibility – to help overcome this issue, TeamDynamix will transform and harmonize data across the connectors so that it can be easily used across workflows.

One library of connectors & workflows.

TeamDynamix will provide OOTB connectors to common systems – you can also make a request to the TDX Connector Concierge to add a connector to the library; share across the community.

- Ensure that user data is up to date across all systems
- Easily transform and pass data between applications
- Automate GDPR and other consumer privacy processes



Drag & Drop Flow Creation

Grab connectors and build workflows using a drag and drop flow builder. No coding, no scripting. Bring PowerShell scripts into your flows, trigger action from risk alerts, incorporate TDX ticketing or project data to initiate automation.

Visualize flows – as you build them.

Easily create workflows – grab data elements, and trigger action – easily manage and test flows with a visual helper; watch a flow execute against real data; *as you build it.*

Trigger action and automate processes.

Trigger actions from a connected ERP/SIS, access permission management, user management and automate service restarts. When a system alert tells you a system is down automatically start the service restart process.

Examples of workflows:

Onboard / Offboard Employee

- Grant Permissions
 - Provision Virtual Machine
 - Restart a Server
 - Trigger action from TDX ticketing / projects
- ... the list goes on & on!

Monitor and take action. 24/7/365.

Each request points to specific data elements needed. The system passes this data to the specific automation routine – no coding required. Data transformation is easily facilitated as automation routines call on each connector.



EFFORTLESS. PAINLESS.

**IT PROCESS
AUTOMATION.**



Designed using the principles behind MIT's Scratch and Google's Blockly, TDX Flow Builder offers a visual programming model ideal for fast & easy execution.

An inspired graphical programming language, it's not a library but is instead a full integration and process automation solution – **on one platform.**

Codeless.

With TeamDynamix, you are working from a set of blocks that adds a visual code editor to build the workflows. The TDX editor uses blocks and an interlocking snap approach to represent variables, logical expressions, loops, and more. With this approach, users can apply programming principles without coding. Get away from syntax errors and the command line – ***automation has never been more in reach.***

Intuitive. Visual. Easy.

Visualize your workflows as they run – watch as data is extracted, transformed and each action executes. A quick and easy, drag & drop interface presents a visual language that produces syntactically correct user-generated code.



TeamDynamix Integration

OOTB integration with the core TDX service & project platform offers more sophisticated flow building:

- Trigger PowerShell scripts from TDX workflows and other tools
- Simultaneously create multiple tickets in multiple applications to manage complex processes
- Route and assign tickets based on advanced business logic
- Monitor TDX and receive alerts for new assets or changes to tickets/assets
 - Update data in TDX
 - Update data in third party systems
- Pull data from TDX into a data warehouse
- Conduct mass ticket updates based upon business logic
- Modify TDX user settings based upon business logic or workflow approvals
- Spawn work items in third party systems like Jira from TDX tickets
- Respond to webhooks by automatically modifying ticket or asset/CI data



What else could you do?

- Automatically create a project, ticket, asset....after workflow approval
- Update asset/CI data from a closed change
- Update custom attribute choices automatically from 3rd party systems
- Keep CMDB/Asset data up to date in TDX when changes are made in other systems

The list goes on & on...

Create automated responses to changes in third party applications:

Security incidents, log issues, bug reports, new data creation, changes to records in HRIS/SIS...



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iPaaS with ITPA

“In iPaaS we find the groundwork being laid for a digital future, as the products in this segment generally are lighter, more agile IT infrastructure suited for the rapidly evolving use cases around digital business.”

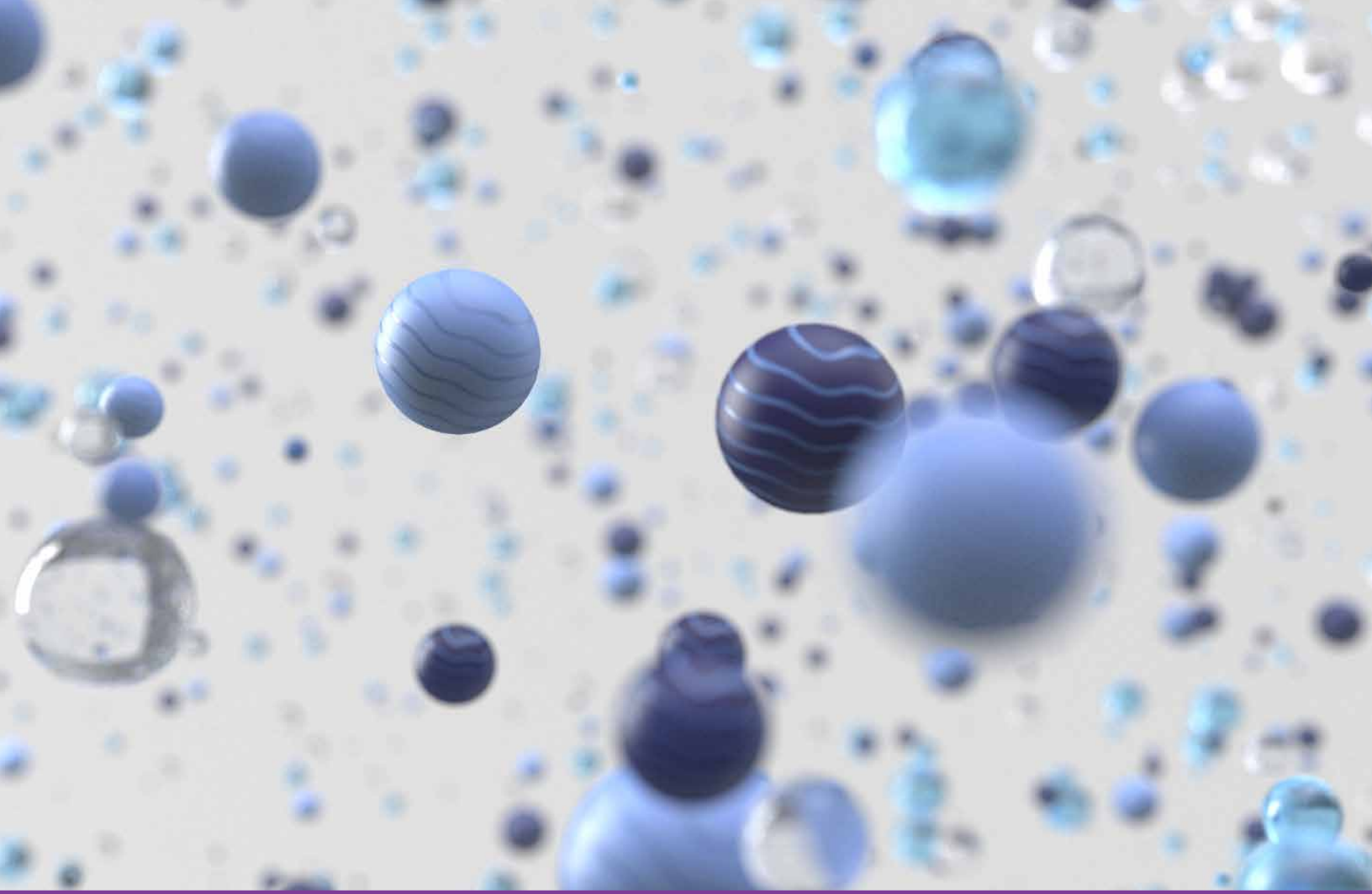
-BINDI BHULLAR, RESEARCH DIRECTOR AT GARTNER

“In the current competitive business world, digital transformation is the topmost strategic priority for every organization.”

**- IDC'S CUSTOMER INSIGHTS AND ANALYSIS GROUP SENIOR
RESEARCH MANAGER, ASHUTOSH BISHT**



“Firms need more automation to gain efficiency and agility. Hard-coded interfaces between applications cannot continuously evolve the way businesses need them to.” **FORRESTER**



TeamDynamix