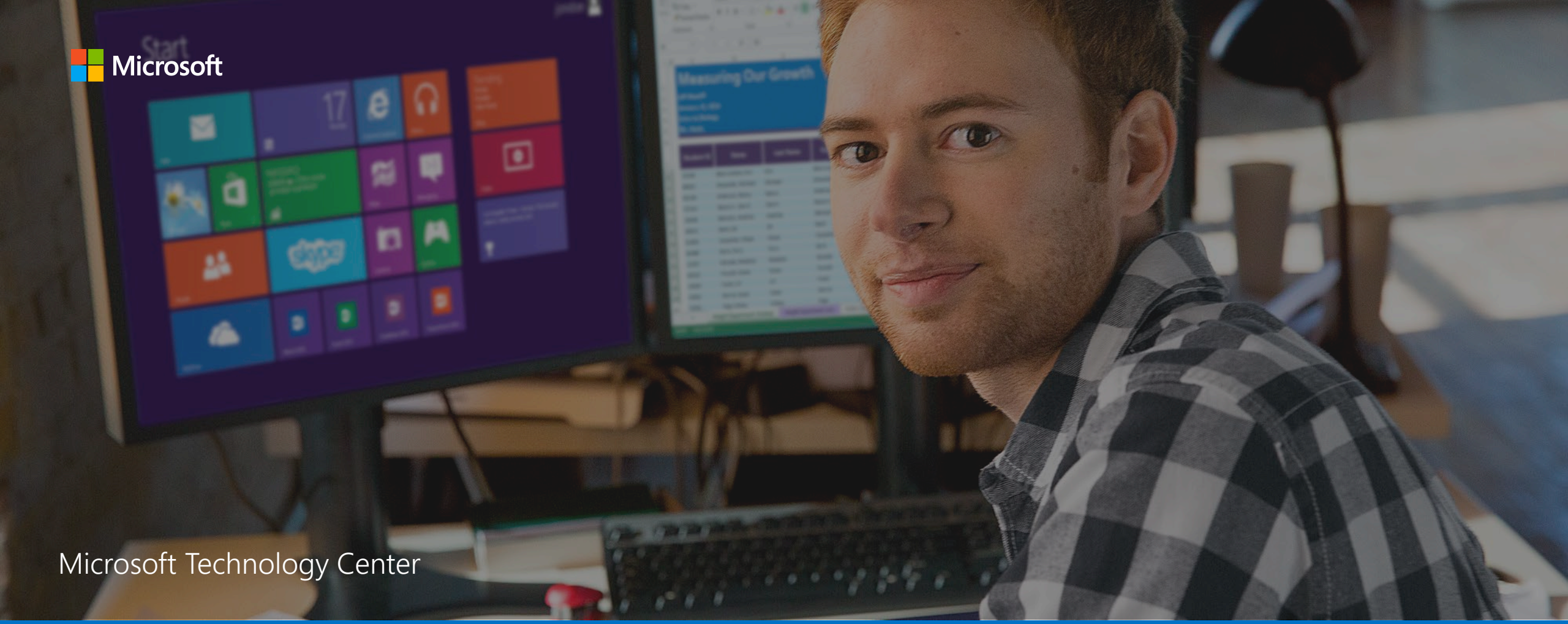


Microsoft PowerApps, Power BI, & Flow

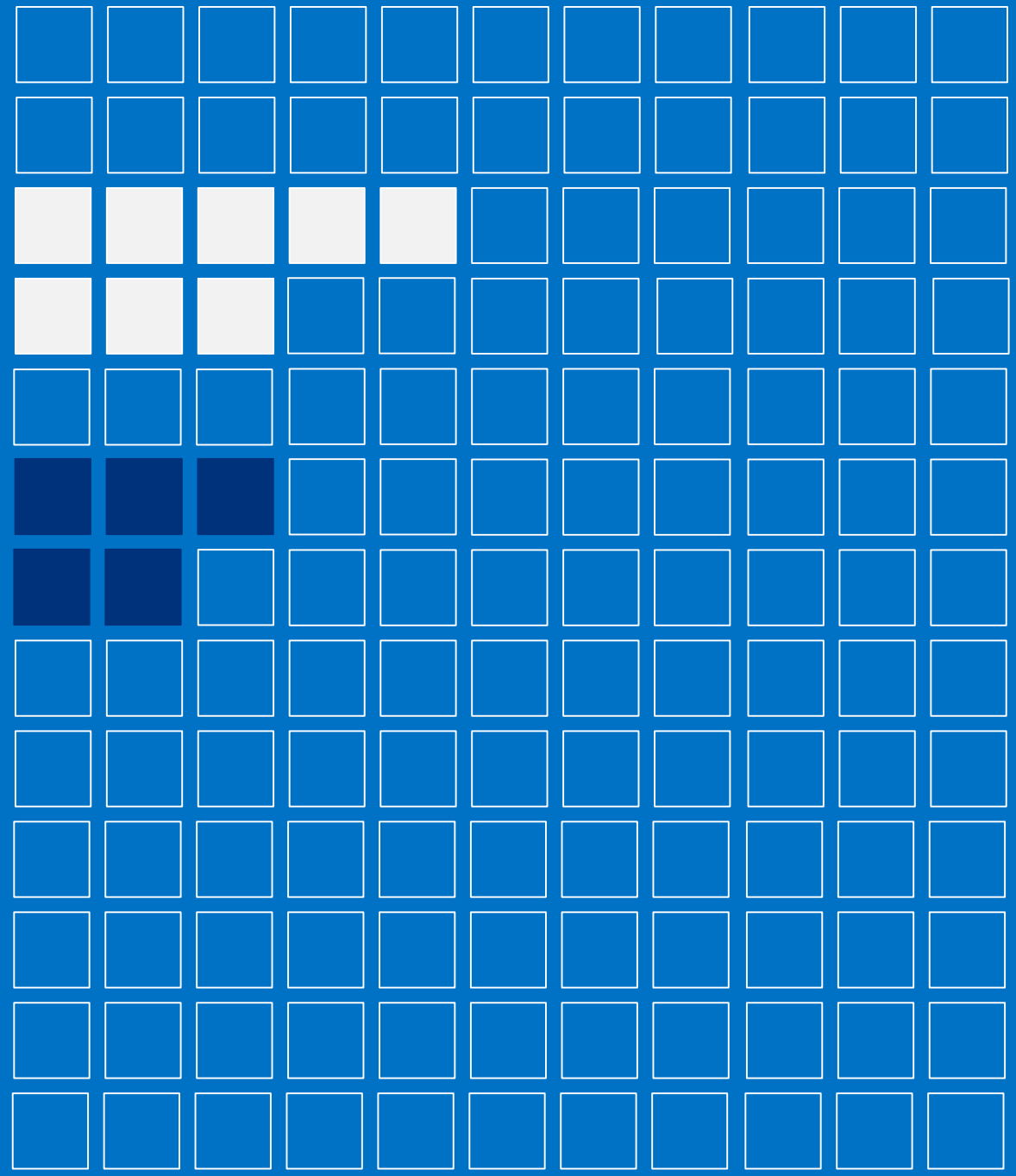
Turn business expertise into solutions with ease

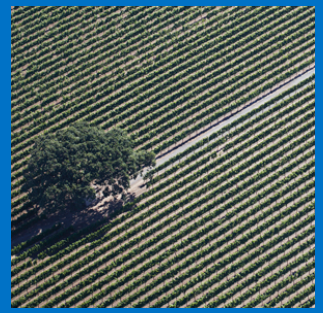
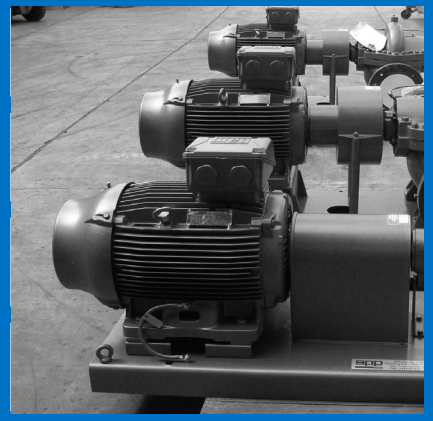
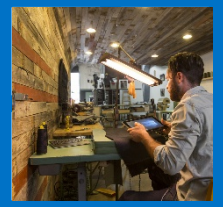
Quartech

Only so many problems can be solved with
off-the-shelf SaaS

Custom software development
is time consuming and costly

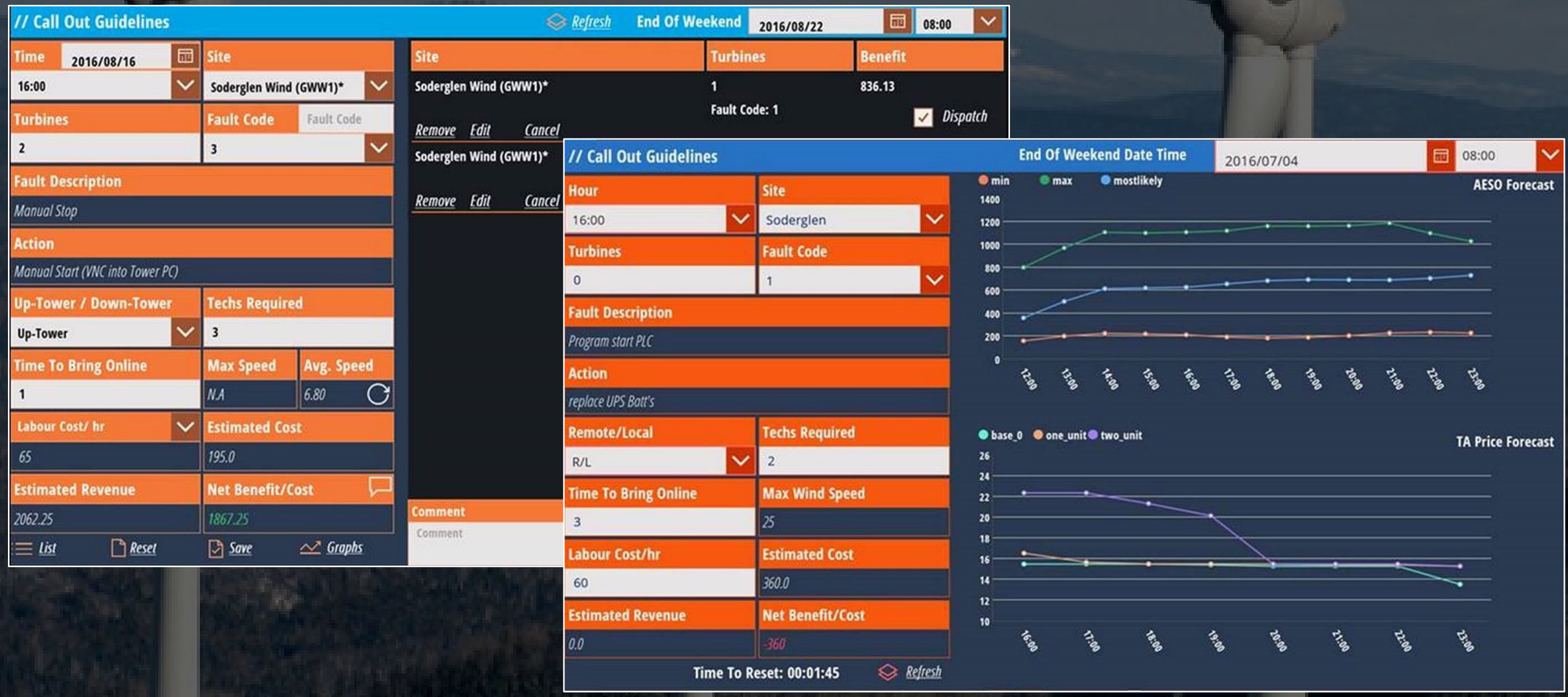
Everything else is a missed opportunity to optimize.



Wind turbine repair economics calculator

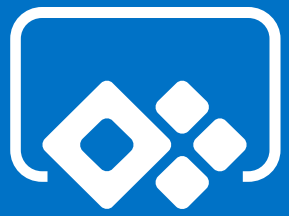
Customer: TransAlta, Industry: Energy



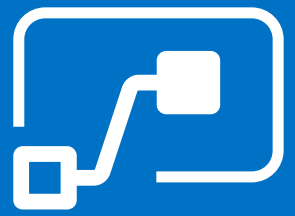
Connect to the data you're already using and build on the common data model

Create business apps and automate workflows without writing code

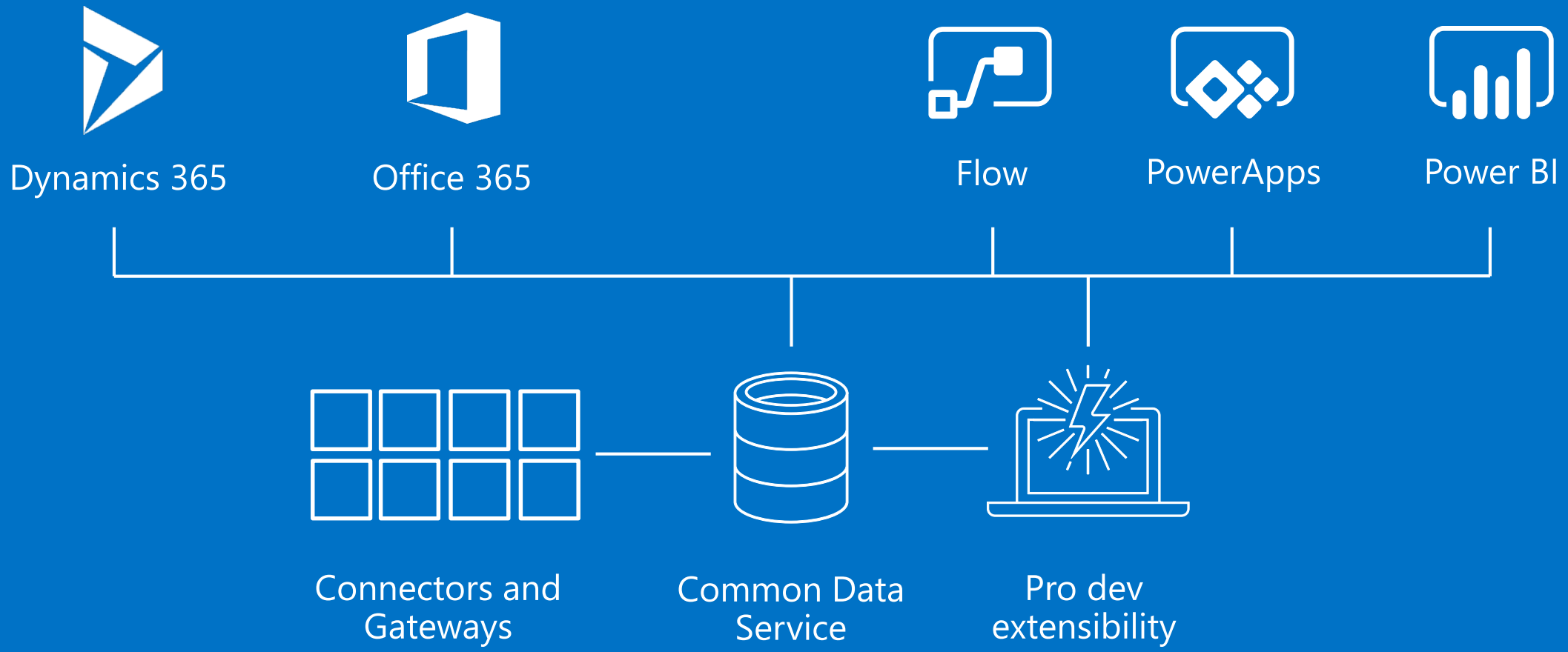
Securely publish to your org for web and mobile with full admin control



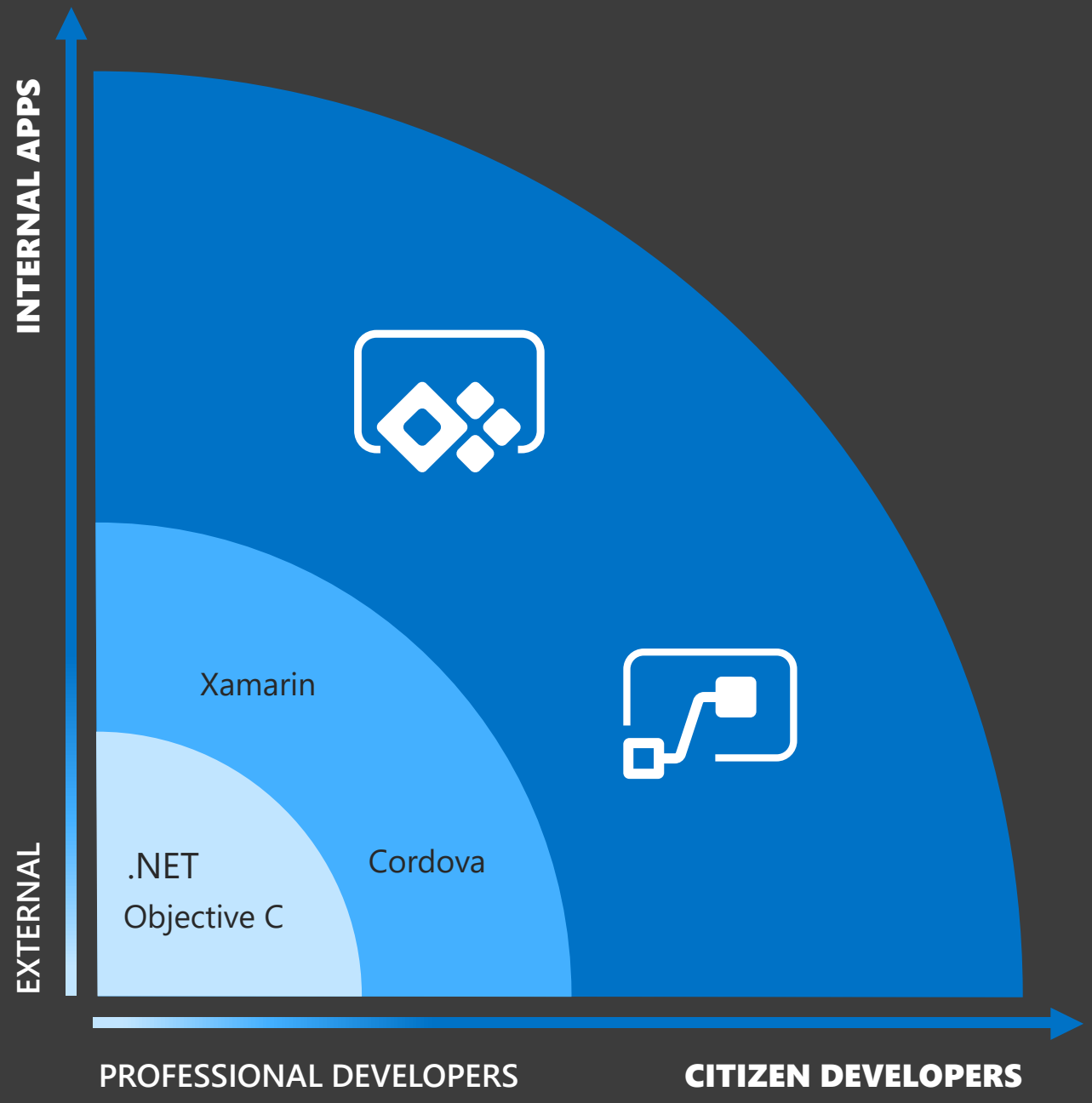
PowerApps



Microsoft Flow


Dynamics 365
Office 365
Flow
PowerApps
Power BI
Connectors and Gateways
Common Data Service
Pro dev extensibility

The platform for business apps driven by analysts and power users

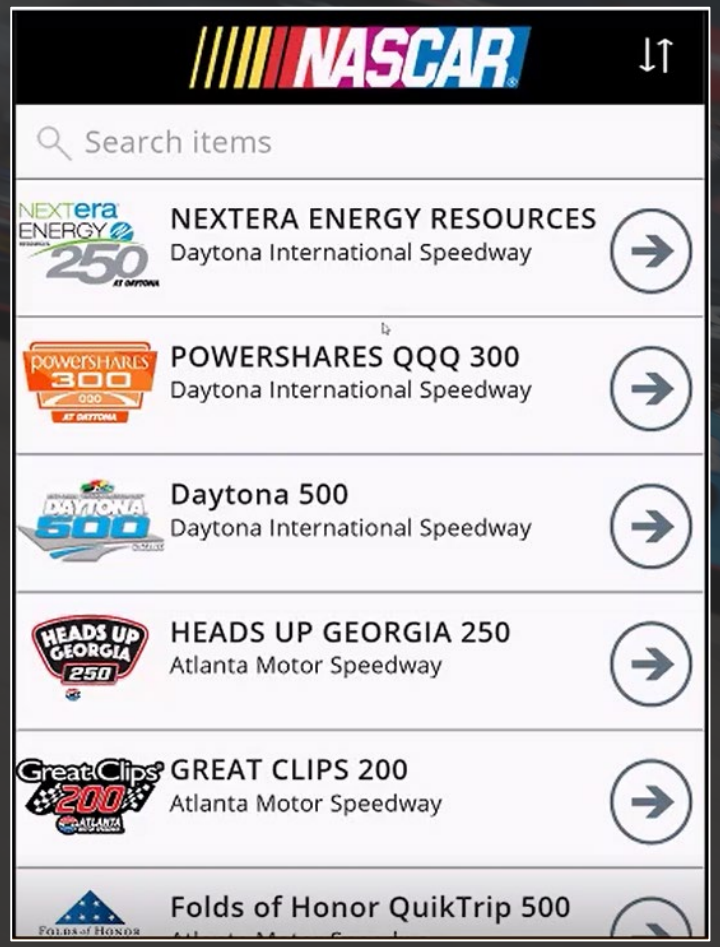


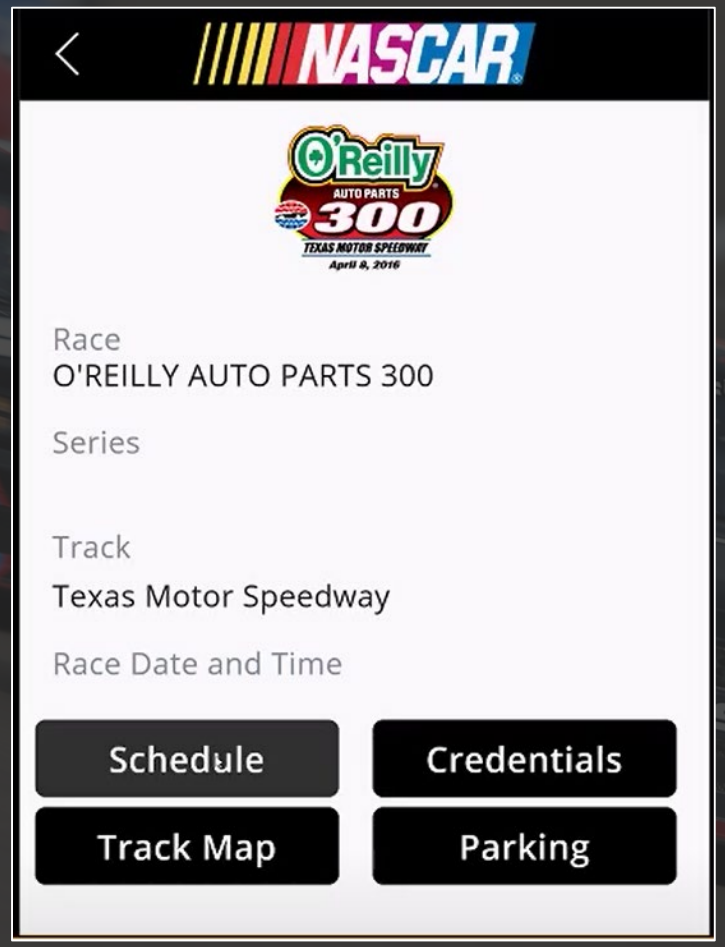
DEMO

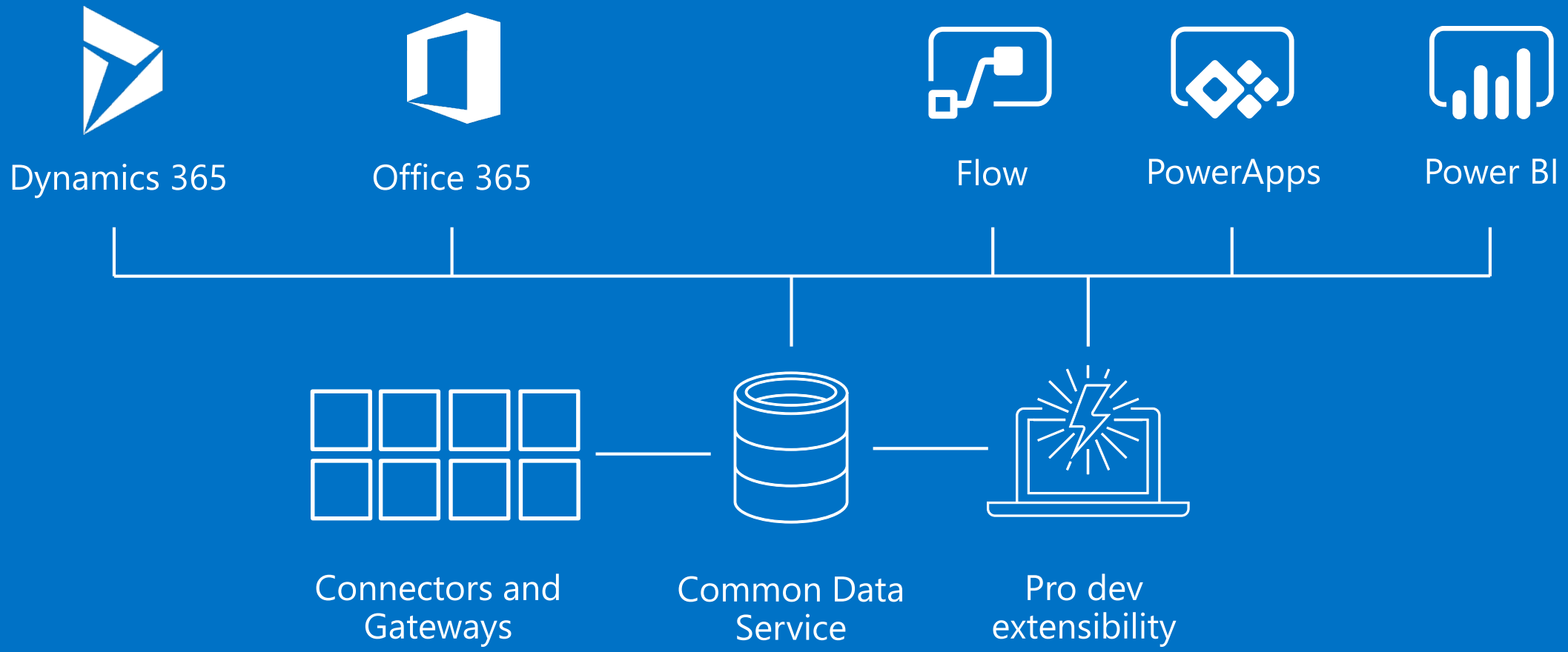
Extending Office 365 and SharePoint

Event information quick reference

Customer: NASCAR






Dynamics 365
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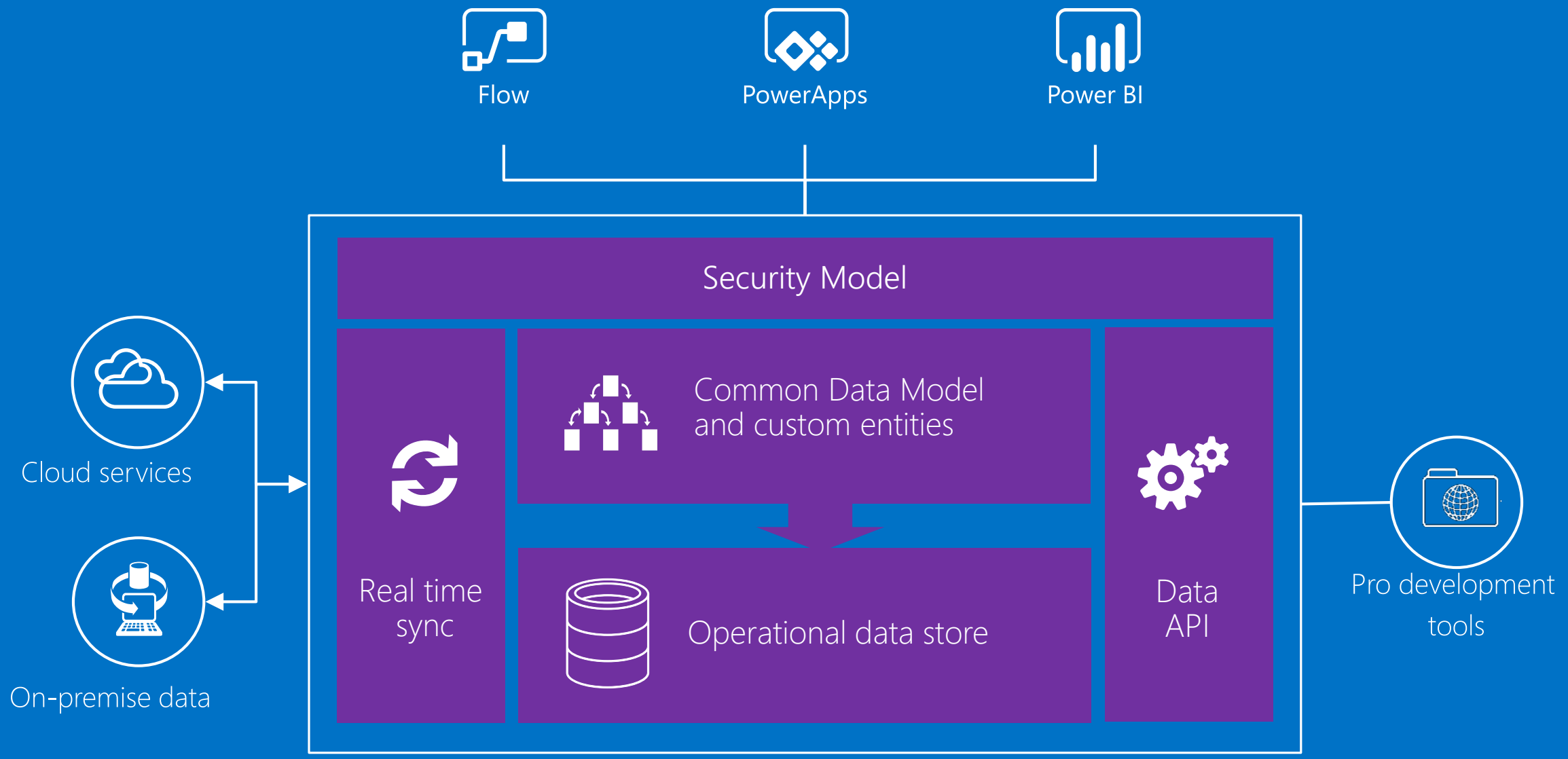
COMMON DATA SERVICE

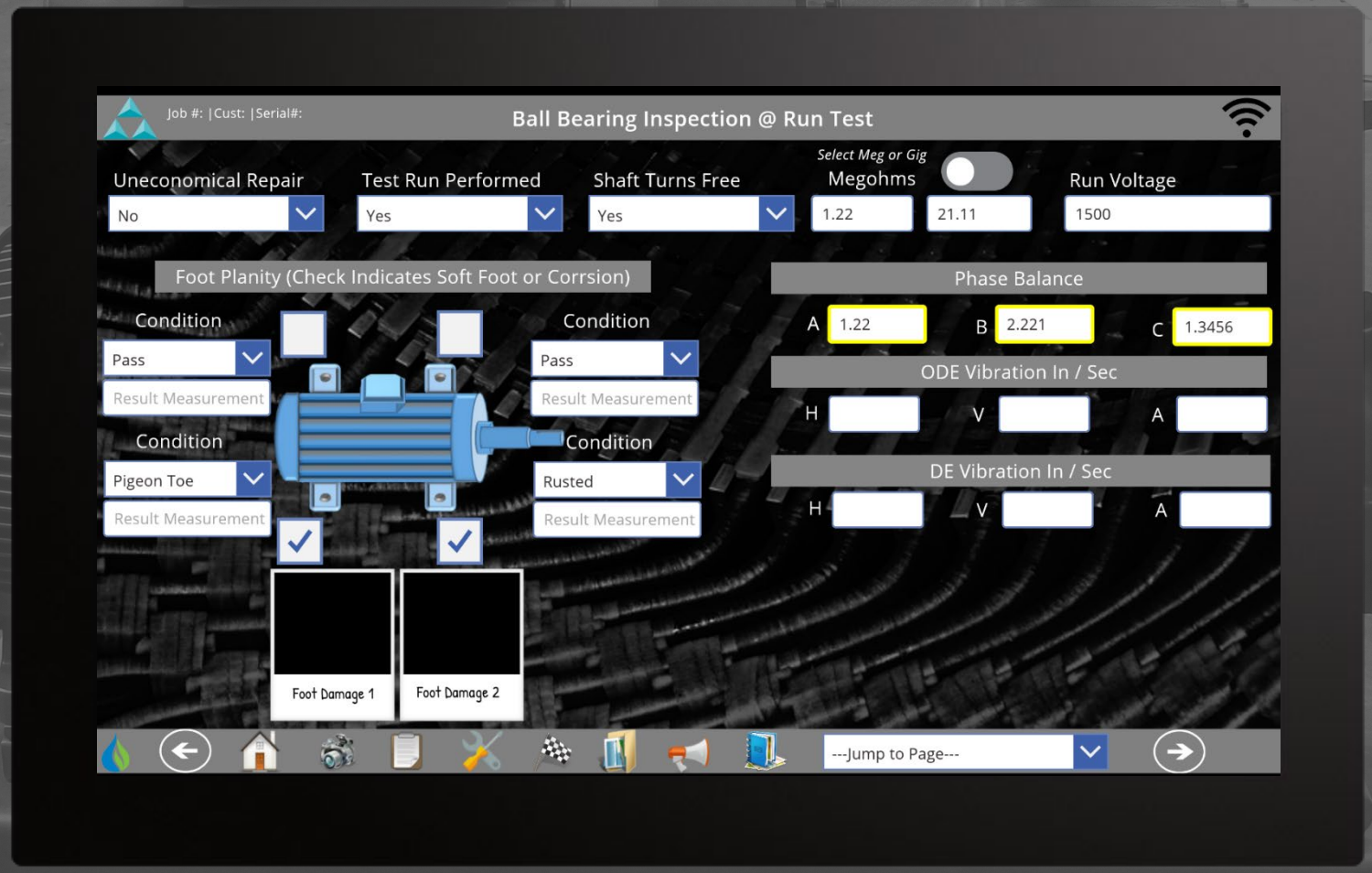


DEMO

Automating processes with the Common Data Service and connected apps

Industrial electric motor repair

Customer: Integrated Power Services, Partner: Confluent, Industry: Manufacturing



DEMO

Insight to action:
Optimizing a beverage supply chain

Ask a question about your data

Customer View_Abu Dhabi

FMS CUSTOMER VIEW_OVERALL

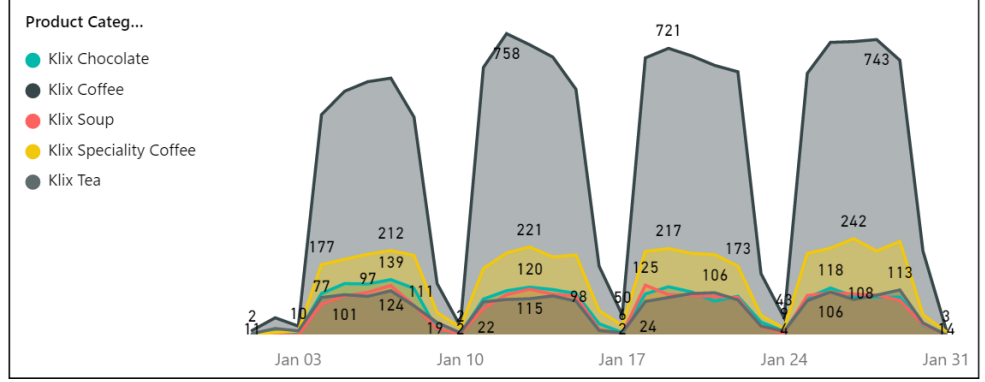
MARS drinks — We Create Great Tasting Moments at Work

Abu Dhabi MAR Kiel GmbH c/o HDW - Howaldtswerke -

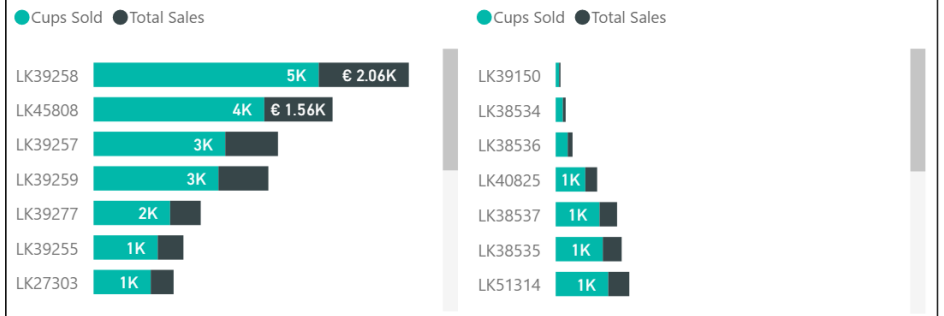
January 2016

# Cups Sold	Total Revenue
25K	€ 10.06K
# Machines	**# Products**
15	12

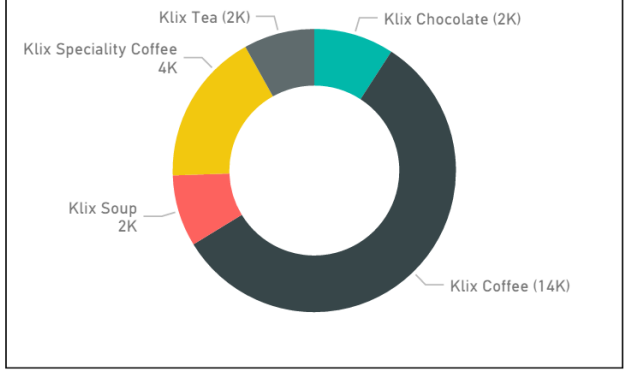
Cups Sold over time by Product Category



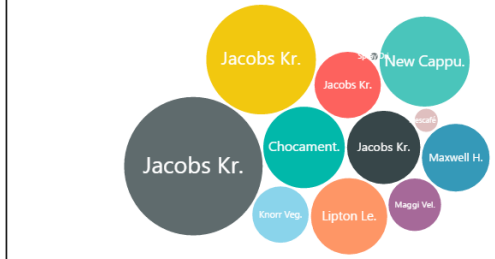
Tops and Flops by Machine



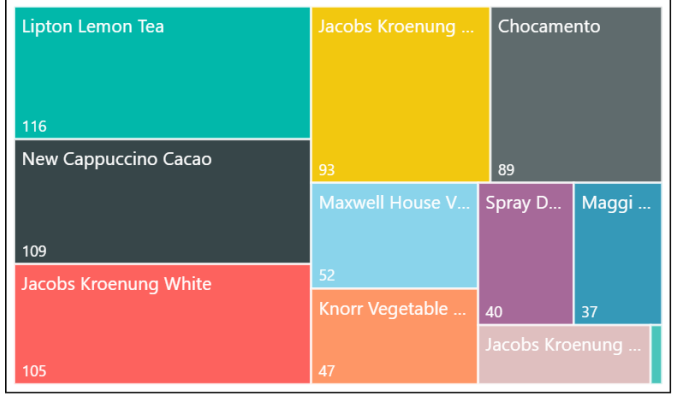
Overall Consumption by Product Category



Top Products based on Cups Sold



Stockout Readings by Machine and Product



Function app
PowerAppsAzureFunction

Search my functions

- New Function
- GetAvailableTime
  - Develop
  - Integrate
  - Manage
  - Monitor
- HttpTriggerCSharp1
- HttpTriggerCSharp2

Function app settings
Quickstart
Refresh

ℹ A new version of Azure Functions is available. To upgrade visit Function App Settings. Learn more.

Code (run.csx)

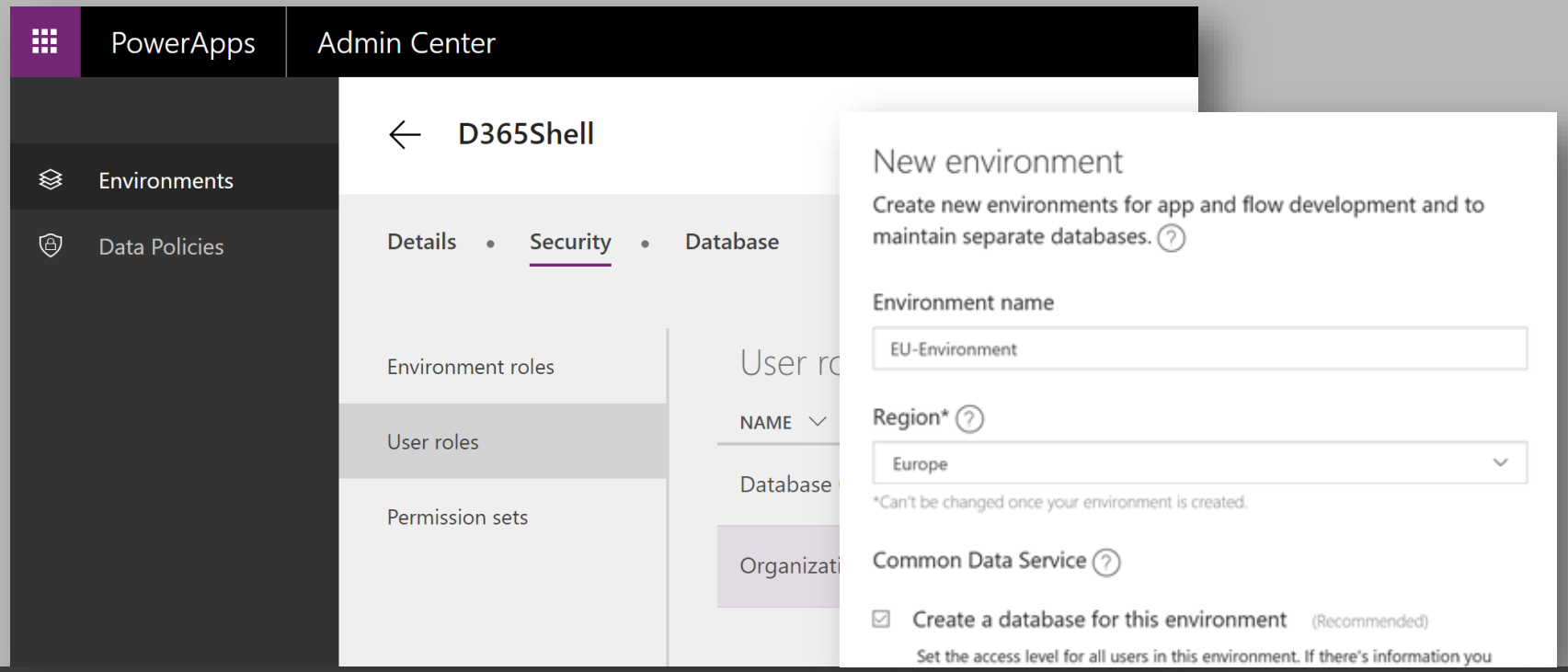
Save Run Logs View Files Run

Function Url: https://powerappsazurefunction.azurewebsites.net/api/GetAvailableTime?code=tyf5l0sf559i5yybfzmjyrjnwitpnajss

```
1  using System.Net;
2
3  public static async Task<HttpResponseMessage> Run(HttpRequestMessage req, TraceWriter log)
4  {
5      log.Info($"C# HTTP trigger function GetAvailableTime processed a request. RequestUri={req.RequestUri}");
6
7      // parse query parameter
8      string name = req.GetQueryNameValuePairs()
9          .FirstOrDefault(q => string.Compare(q.Key, "tailnum", true) == 0)
10         .Value;
11
12     // Get request body
13     dynamic data = await req.Content.ReadAsAsync<object>();
14
15     // Set name to query string or body data
16     name = name ?? data?.name;
17
18     return name == null
```

```
2016-11-08T15:35:03.401 Function completed (Success, Id=47dad344-a0cd-48b5-ba35-6ab758b0a58c)
2016-11-08T16:23:38.028 Function started (Id=cdd55fe9-ecc6-4061-a241-910e64c4b923)
2016-11-08T16:23:38.044 C# HTTP trigger function GetAvailableTime processed a request. RequestUri=https://powerappsazurefunction.azurewebsites.net/a
2016-11-08T16:23:38.123 Function completed (Success, Id=cdd55fe9-ecc6-4061-a241-910e64c4b923)
```

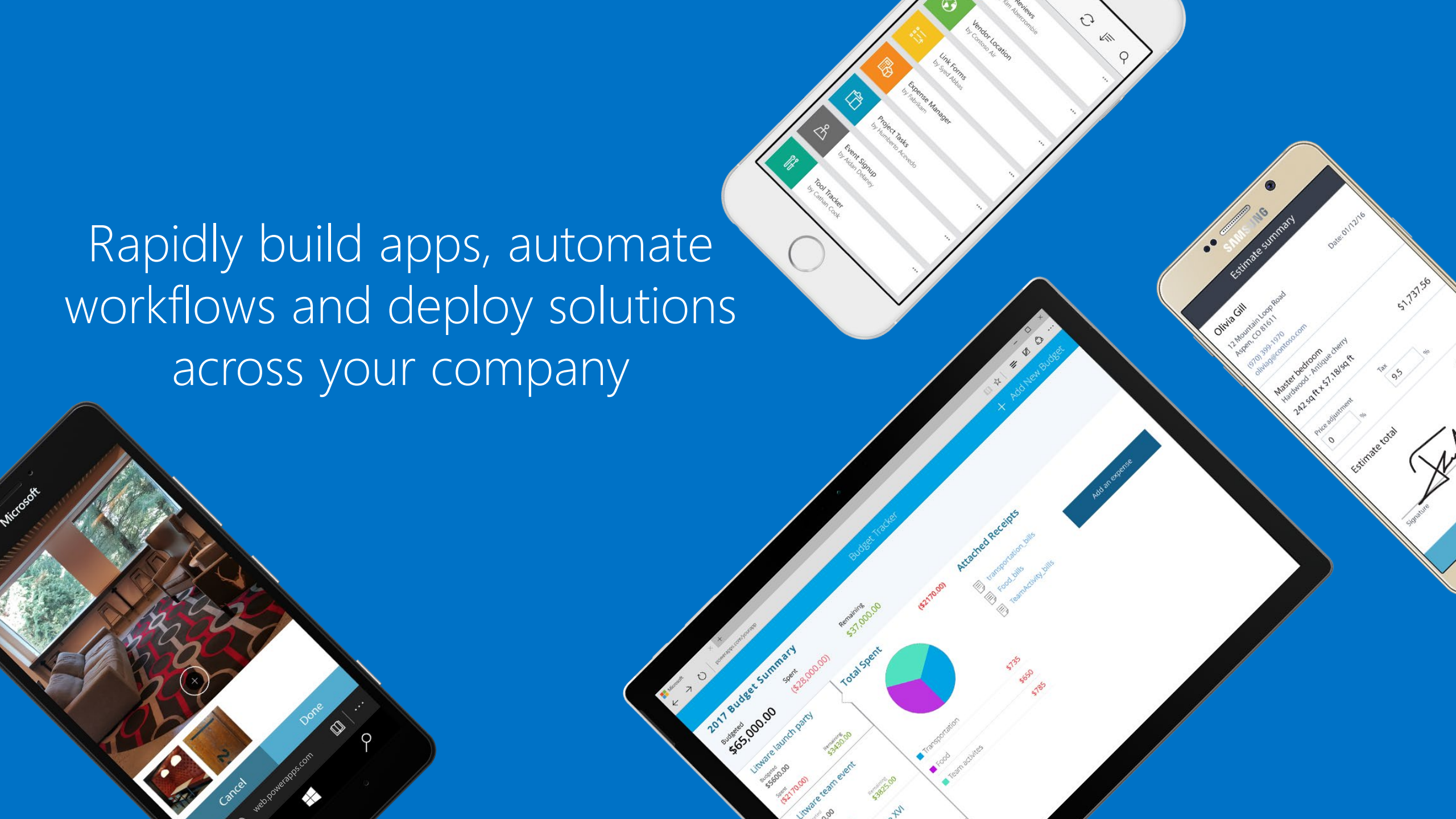
Pause Clear Copy Logs Close



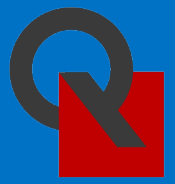
Enterprise-grade security and administration across multiple environments

- ✓ Declare role-based permissions
- ✓ Manage apps, users, and data policies
- ✓ All users access data using the permissions they already have in connected sources

Rapidly build apps, automate workflows and deploy solutions across your company



Microsoft



Quartech

For more information, visit: www.Quartech.com/technologies/microsoft-dynamics-365/

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