Plex Supply Chain Community

Development Tools – Reporting & Integration

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Agenda

- Reporting Tools
  - SDE
  - VisionPlex
  - IntelliPlex
- API
  - What are API?
- Integration
  - Integration opportunities
  - Existing integration examples

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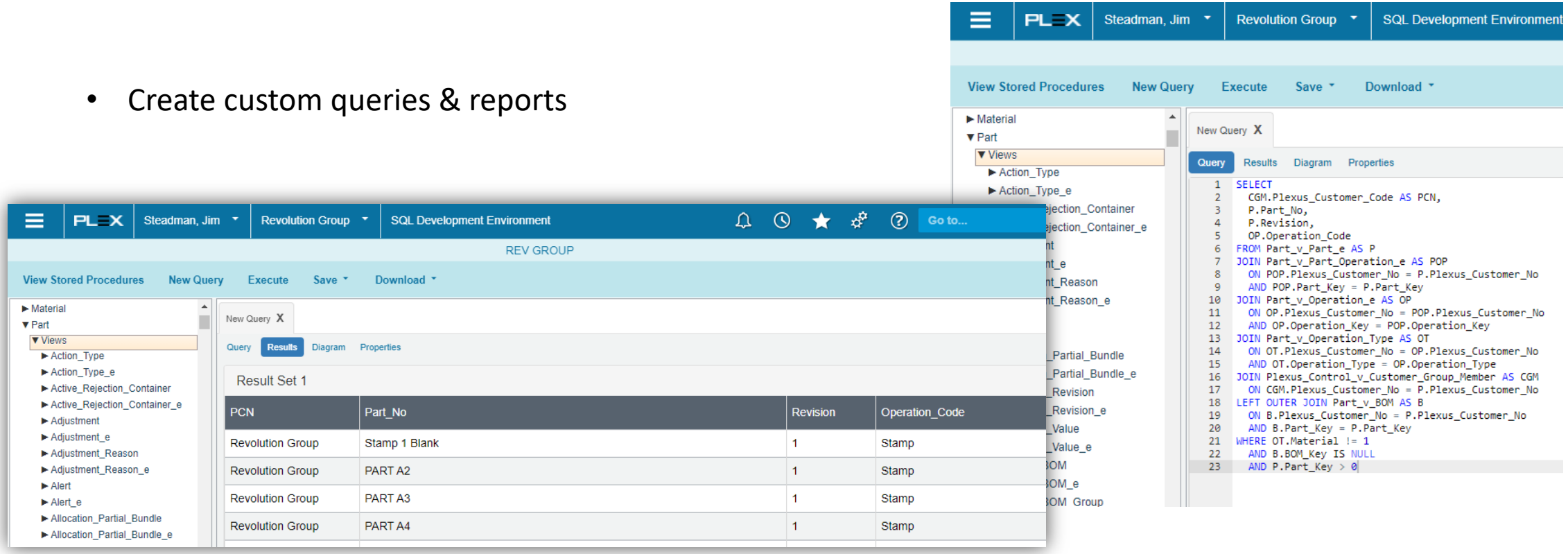
SDE, VisionPlex

- Create custom queries & reports



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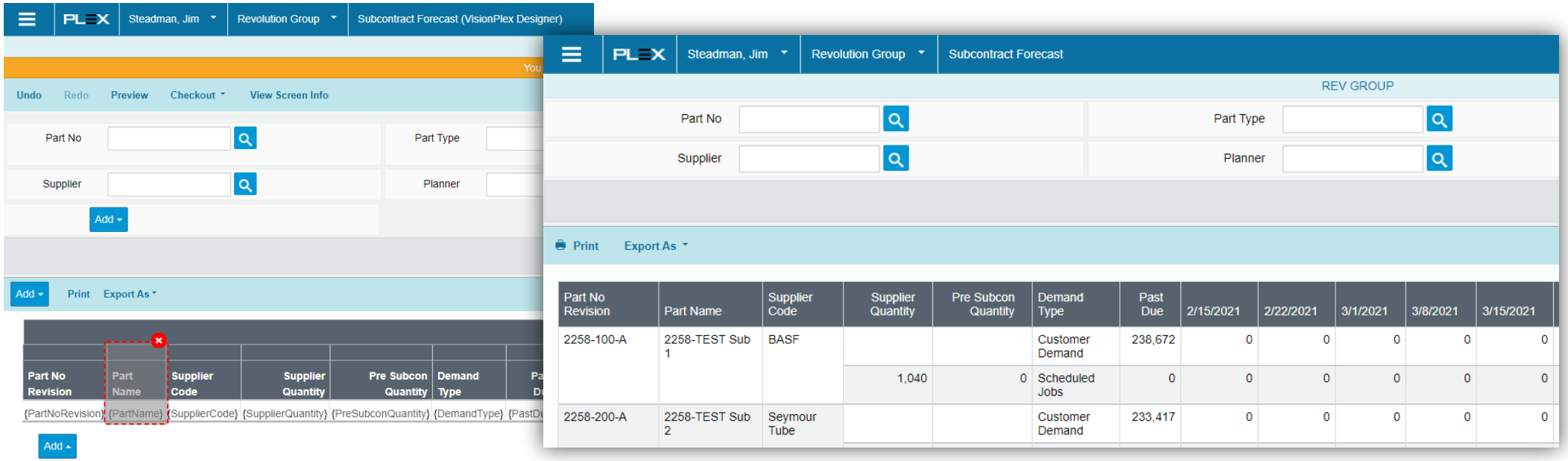
VisionPlex

- Create & manage custom reports from SQL queries or existing datasources



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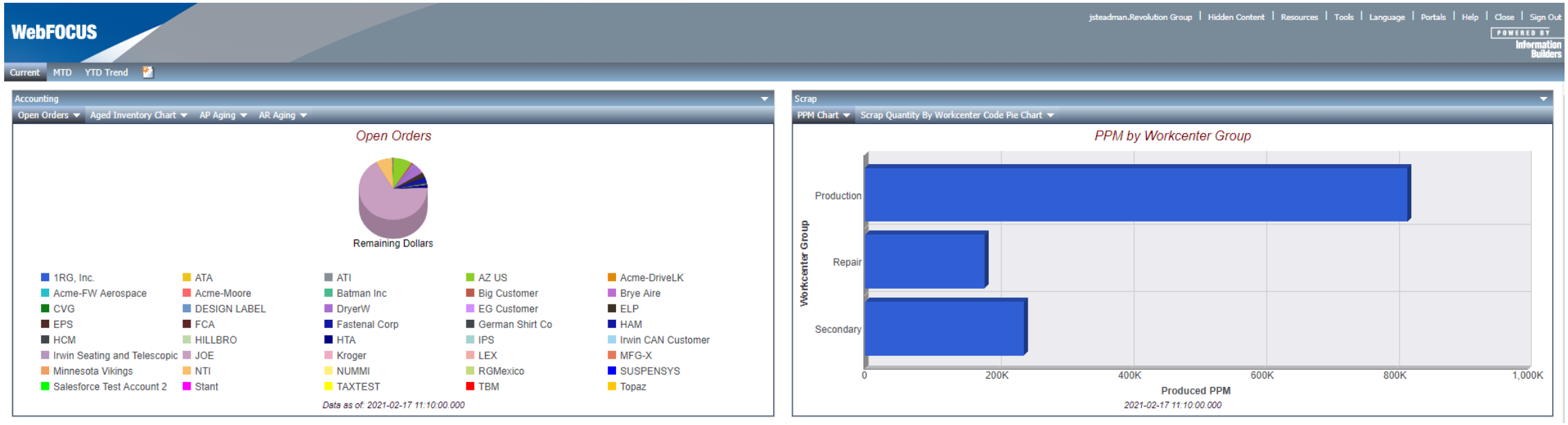
IntelliPlex

- Create & distribute custom reports, charts, and dashboards



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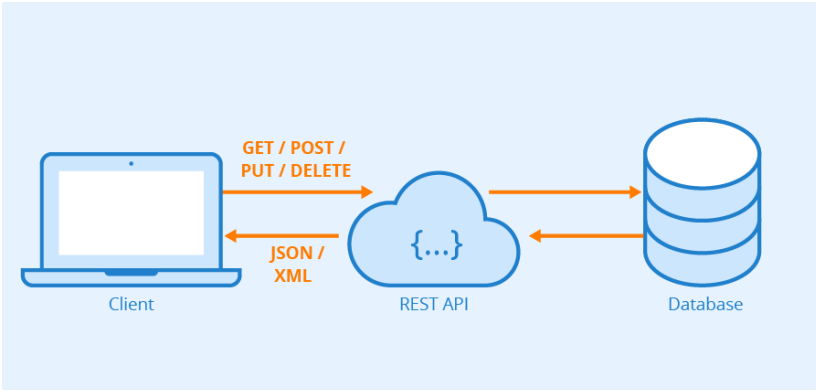
API

API – Application Programming Interface

- Interface that allows interaction with an existing application, accessing data and functionality of the application.

Web Service

- Resource available over the internet
- *All web services are API*



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Plex Datasources

DATA SOURCE

ID	22449
Data Source Name	Release_Job_Simple_Add (Sales)
Data Source Type	Stored Procedure
Database Name	Sales
Stored Procedure Name	Release_Job_Simple_Add
Read Row Limit	1000
Description	

INPUT PARAMETERS

Name	Data Type
Job_Key	int
Release_Key	int

OUTPUT DATA

Name	Data Type	Output Type
Result_Code	int	Direct
Result_Error	bit	Direct
Result_Message	varchar	Direct

INPUT PARAMETERS

Name	Data Type
Job_Key	int
Release_Key	int

OUTPUT DATA

Name	Data Type
Result_Code	int
Result_Error	bit
Result_Message	varchar

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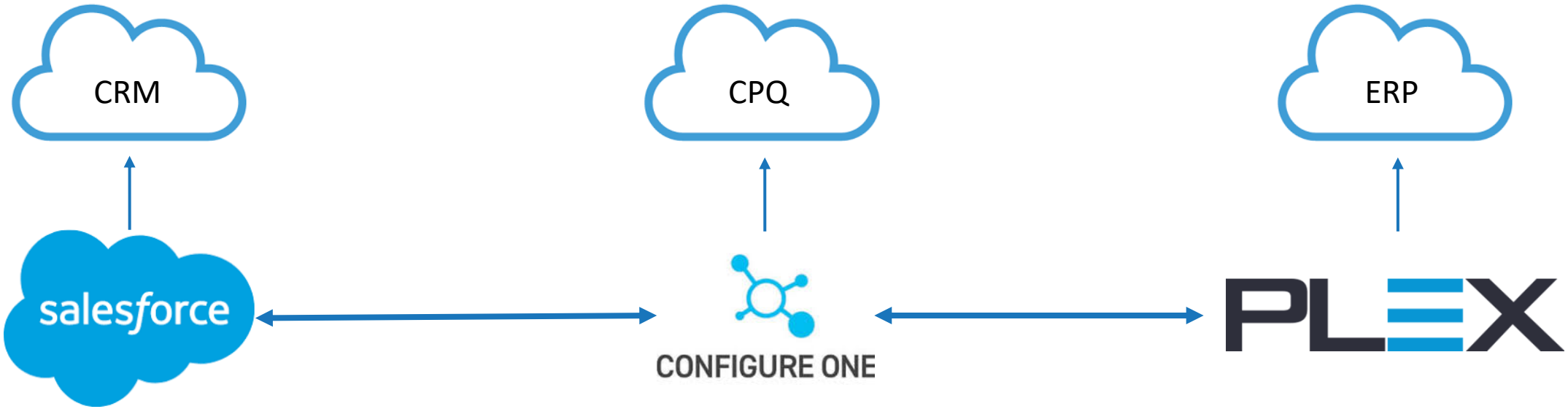
3rd Party Applications – CRM, CPQ…



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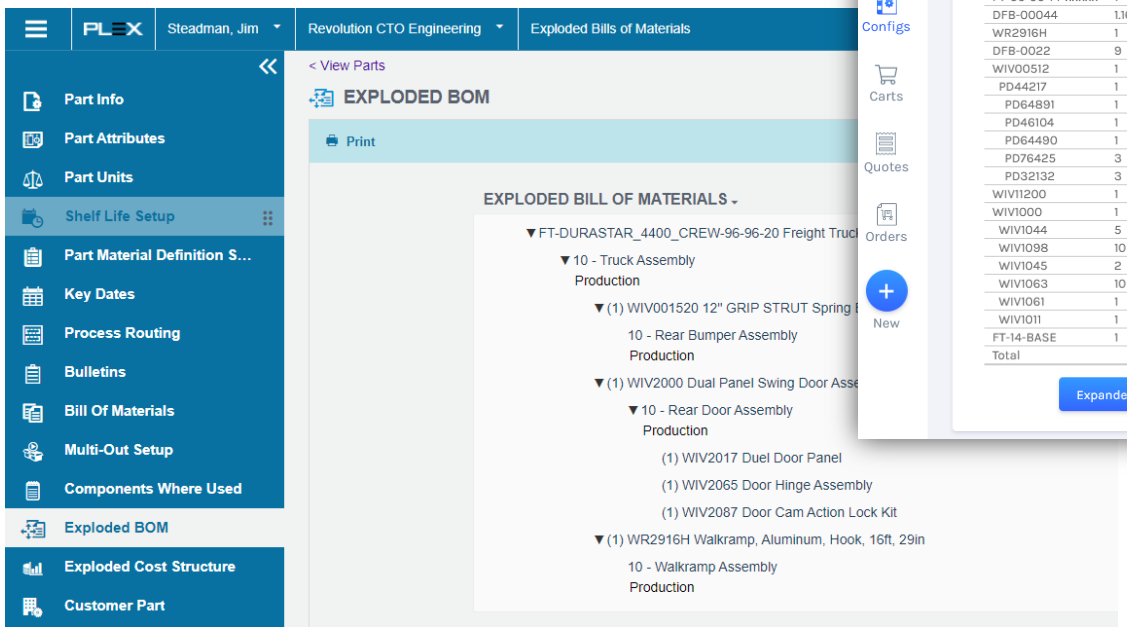

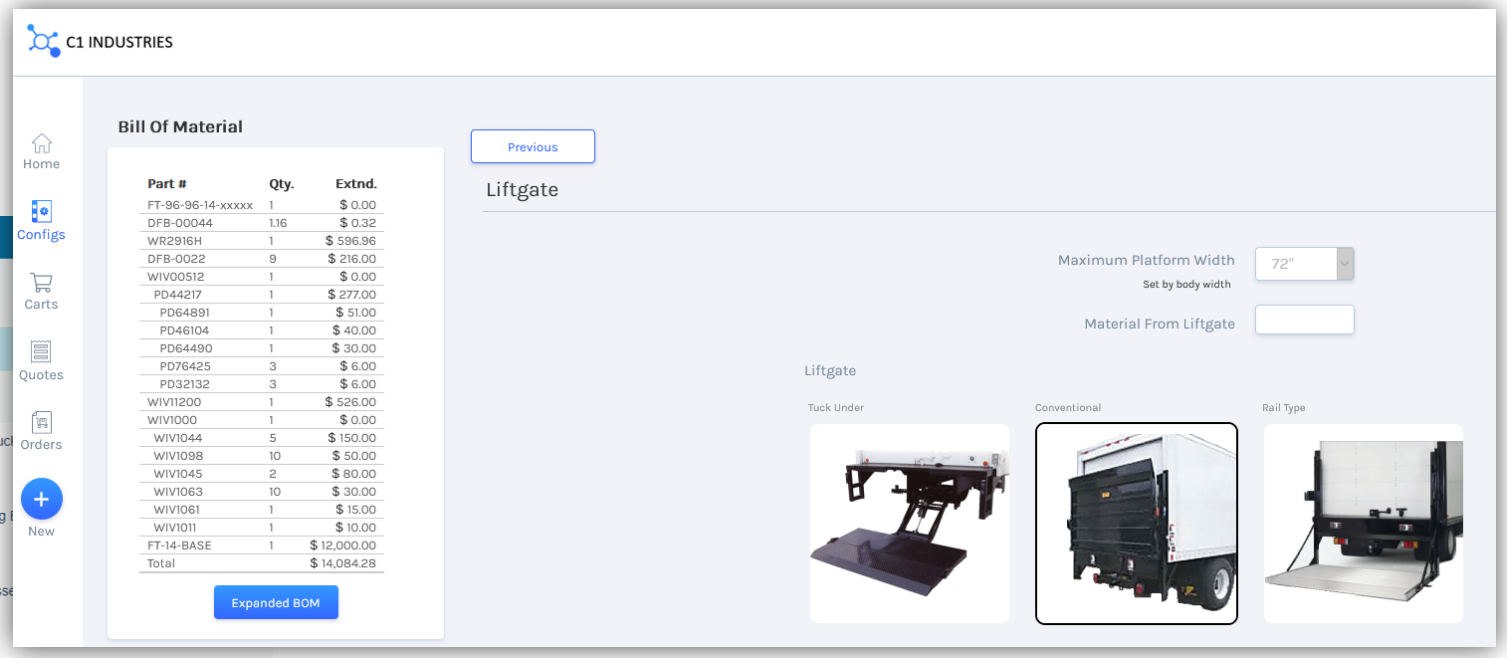

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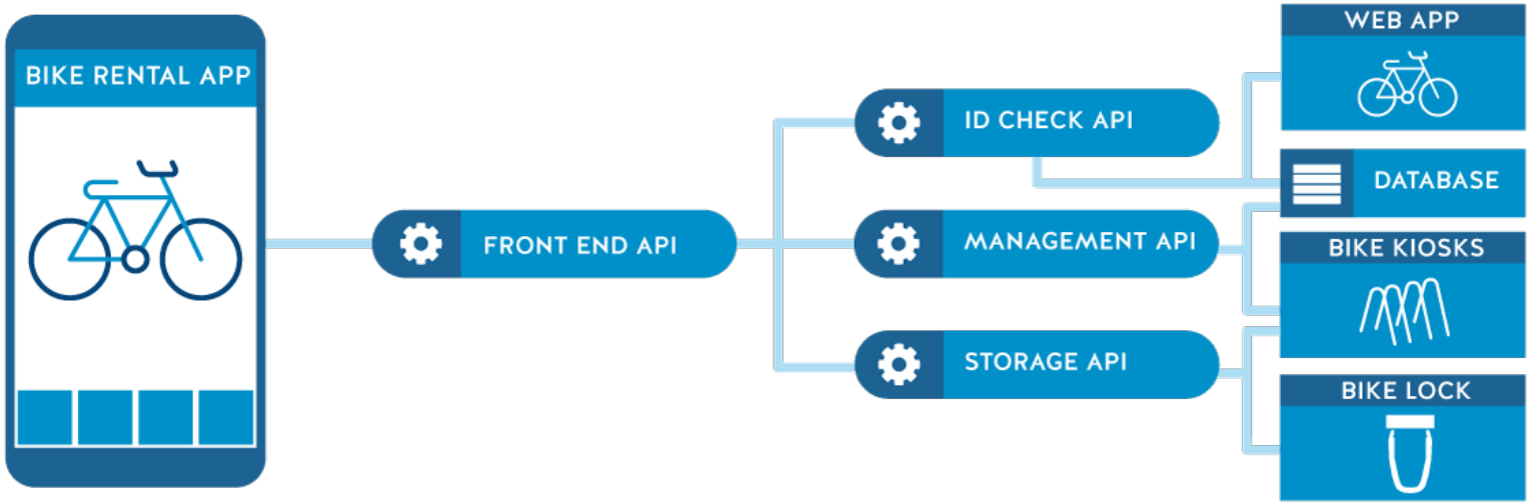

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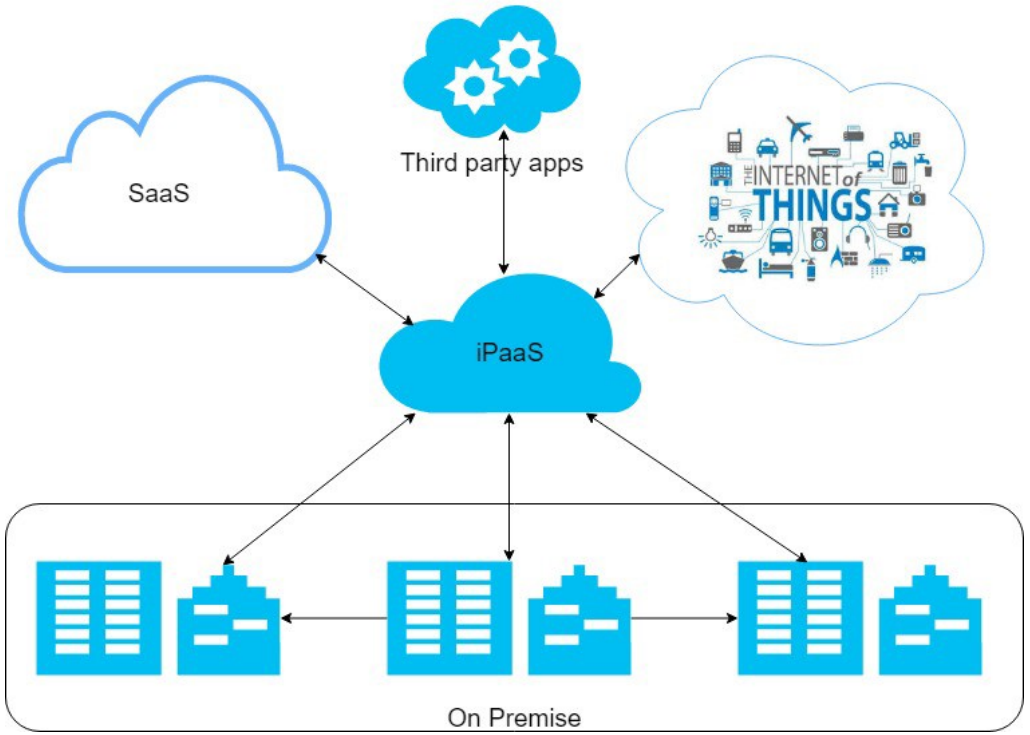

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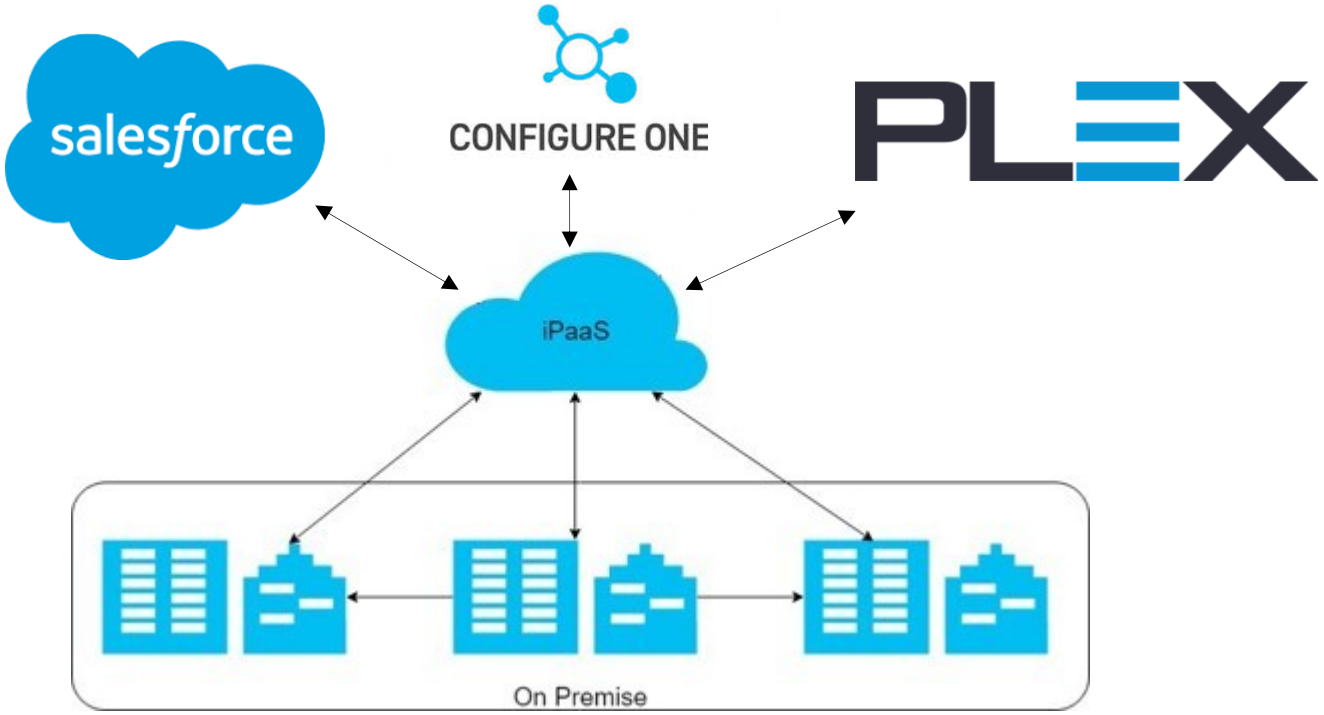

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Existing Integrations

- Salesforce
- Avalara AvaTax
- DemandCaster
- Kors Mach II
- Configure One
- EDI

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Benefits of Development

- Specific & relevant reporting – exactly the data that is required
- Business-specific logic and computations
- Integration
  - Automation – reduce chance for error
  - Speed – real time connections between systems eliminate delays
  - Enhancement – leverage specialized applications and connect with customer and supplier systems
  - Customer Experience – improve customer satisfaction with self service applications & real-time feedback