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Integration Suite – *Data Integration and Extraction*

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Derek is a 20-year veteran at TMA specializing in technology, support, and software operations. He is married with two children. Professionally, he loves learning new technologies and how they can apply to new solutions, personnel development, and leadership. Personally, he enjoys time working on cars, playing baseball and football, and hiking with the pups.



Agenda

- Importance of Strategic Data
- Direct Database Connection (DDBC)
- Platform API
- WebTMA Universal Interfaces
- Best practices for Data Extraction
API vs DDBC vs UI
- Power BI(DDBC) & Postman(API)
Demonstration



Importance of Strategic Data

- Data - The foundation of digital communication.
- Data Transformation – Coding and translating data for logical use.
- Data Warehousing – Central Data Storage for Systems Analysis & Integrations
- Data Integrations – Sending and Receiving data from system to system to achieve a process or synchronization.



Data Extraction & Insertion



Direct Database Connect (DDBC)

DDBC is one of our newest offerings for WebTMA 7, allowing you to establish a read only connection to a real time replica of your Production data cultivated into easy to use Views to assist in data modeling.



Platform API

WebTMA 7 offers Platform APIs allowing developers to read and write data directly to WebTMA as if it were the WebTMA application itself.

<https://documentation.tmasystems.net/>



Universal Interfaces

Universal Integrations allow you to install an On Prem tool that will connect to 3rd party APIs, Databases, and Files to Send and Receive data from WebTMA 7 to achieve data synchronicity between two or more systems.



Best practices for Data Extraction

- DDBC – This will be the easiest and most productive way to extract data.
- API – Great for Extracting specific data points to be used for third party access.
- Universal Integration – Great Alternative to Development based extraction but limited in options.



Demonstration



**Direct Database Connect
(DDBC)**

Platform API



Questions or Comments?

Thank You.

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