Business ByDesign
UK Making Tax Digital
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Expectations from Business ByDesign system

• Customers above the threshold limit will be able to follow the MTD guideline through Business ByDesign.

• All the VAT postings are maintained digitally as expected and the VAT return shall be submitted electronically via the APIs to HMRC system from Business ByDesign system.

• ByDesign updates HMRC via the APIs directly.

• The MTD VAT APIs allow Business ByDesign to supply business financial data to HMRC, so that clients can fulfil their obligations.

• The authorization tokens will be handled securely.
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VAT Submission process

Client: Business ByDesign

Obligations API
- Request for Period Key
- Receive Period Key

HMRC
- Submit VAT API
- Post VAT Return + period key
- Success/Rejection Response
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Oauth2.0 Authorization Code Grant

Client
Business ByDesign

Authorization Request
Authorization Grant
Authorization Grant
Access Token & Refresh Token
Access Token
Protected Resource

HMRC
Resource Owner Customer
Authorization Server
Resource Server MTD API's
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Oauth2.0 Authorization Code Grant

Client
Authorization Grant & Client Credentials
Access Token & Refresh Token
Correct Access Token
Protected Resource
Expired Access Token
Invalid Token Error
Refresh Token & Client Credentials
Access Token & Refresh Token

Resource Server MTD API’s

Authorization Server
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Configuration steps in Business ByDesign

• The solution need to be scoped first. There is a new scoping question to activate the solution in system.
• There is a new fine tuning activity under Business Configuration to hold the authorization code.

• Under this activity there is new service named ‘UK MTD Integration’ has been provided under which the authorization code will be stored securely.
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VAT return submission to HMRC via API

• The VAT return creation process remains the same as before. The return gets created with 9 boxes.

• On Releasing the return, a new button named ‘Submit’ appears on the VAT return.

• On click of this button, the VAT return gets submitted to the HMRC via the provided APIs.

• Two new statuses named ‘Submission Status’ and ‘Approval Status’ have been introduced. Submission status shows whether the VAT return has been submitted to HMRC or not. The Approval status shows if the VAT return gets approved or rejected by HMRC.
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Thank You!