API

|  |
| --- |
| API Token |
| 9F7DA04F9BA4C526F935526EB19C71CCB6EDDC |

Hi Anders,  
  
Details

Field View API issues can be troubleshot before escalating to 2nd Line or DBA to try and identify where exactly the issue lies. Using a service testing application such as SoapUI – you can test whether or not a particular API call is working without having to write a new call from scratch.

##### Setting up SoapUI

If you haven’t already, you would first need to download and install SoapUI – the installer can be obtained from: [https://www.soapui.org/downloads/soapui.html](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.soapui.org%2Fdownloads%2Fsoapui.html&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=JnpDLGqbJqXlDoKCL9p%2BYTEVb5Vkm4ZvXZDFFX9GORw%3D&reserved=0)

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Open SoapUI, go to File and then select New Soap Project

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You will then need to enter the Initial WSDL to populate the API function list. This will differ depending on which function the user is trying to asset. The API functions are broken down into various services – each one geared towards a particular type of data and data format.

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The current set of WSDLs are as follows:

XML Services:

* Configuration Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/XML/API\_ConfigurationServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FXML%2FAPI_ConfigurationServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=hRoBJqb2lCc2aiPsMip6vmyGoCcvYEcSZF8%2F1Mpn00E%3D&reserved=0)?wsdl
* Form Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/XML/API\_FormsServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FXML%2FAPI_FormsServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=Zm6XsqQF9GBYr%2FNA2I334WI%2Bshc3hSTICJMrEIu78cw%3D&reserved=0)?wsdl
* Task Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/XML/API\_TasksServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FXML%2FAPI_TasksServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=vF%2FW%2B7HS4ni3cLeM0nMvKGkkJZcHElQ6G77j4fYYWHs%3D&reserved=0)?wsdl
* Process Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/XML/API\_ProcessServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FXML%2FAPI_ProcessServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=YRwxn9NPRwq20kxZANI1QYZ%2B2Lxl8FhQ6JAQ9aEG8wM%3D&reserved=0)?wsdl
* Assets Services: www.priority1.uk.net/FieldViewWebServices/WebServices/XML/API\_AssetsServices.asmx?wsdl

JSON

* Configuration Services:[https://www.priority1.uk.net/FieldViewWebServices/WebServices/JSON/API\_ConfigurationServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FJSON%2FAPI_ConfigurationServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=mlHyvQpKHxGiOILb9JMPDM6OLxxg39DuKEg%2FZXLh6tY%3D&reserved=0)?wsdl
* Form Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/JSON/API\_FormsServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FJSON%2FAPI_FormsServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=N5uUNa8heZJGtExIcvu1l4J0lHcDQMmoAT%2BIJ26R8WE%3D&reserved=0)?wsdl
* Task Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/JSON/API\_TasksServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FJSON%2FAPI_TasksServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=gAdaMB%2FKaO13ZsPPfgVFUdxB7f4UYlrILar1fLy4hHg%3D&reserved=0)?wsdl
* Process Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/JSON/API\_ProcessServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FJSON%2FAPI_ProcessServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=HjMQpFzX%2FUWbTEAkzGl9KhwyciQVA9vcHV9n09zRoIo%3D&reserved=0)?wsdl
* Assets Services: [https://www.priority1.uk.net/FieldViewWebServices/WebServices/JSON/API\_AssetsServices.asmx](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.priority1.uk.net%2FFieldViewWebServices%2FWebServices%2FJSON%2FAPI_AssetsServices.asmx&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=b6X6EpAO6Snue80o2w1SGqozeMIXniIwaniyrbNnXTU%3D&reserved=0)?wsdl

The WSDL will then populate the rest of the project fields. Click OK to proceed.

##### Testing a Function:

When testing a function the first thing you would need so to know is which exact API function the user is having issues with. This will then determine what information you would need to run the call. With any luck, the user will have provided a copy of the code they’re using to make the API call, but failing that you would generally need to know the following pieces of information:

* The API Token
* Any Project or Organisation IDs
* Any date ranges

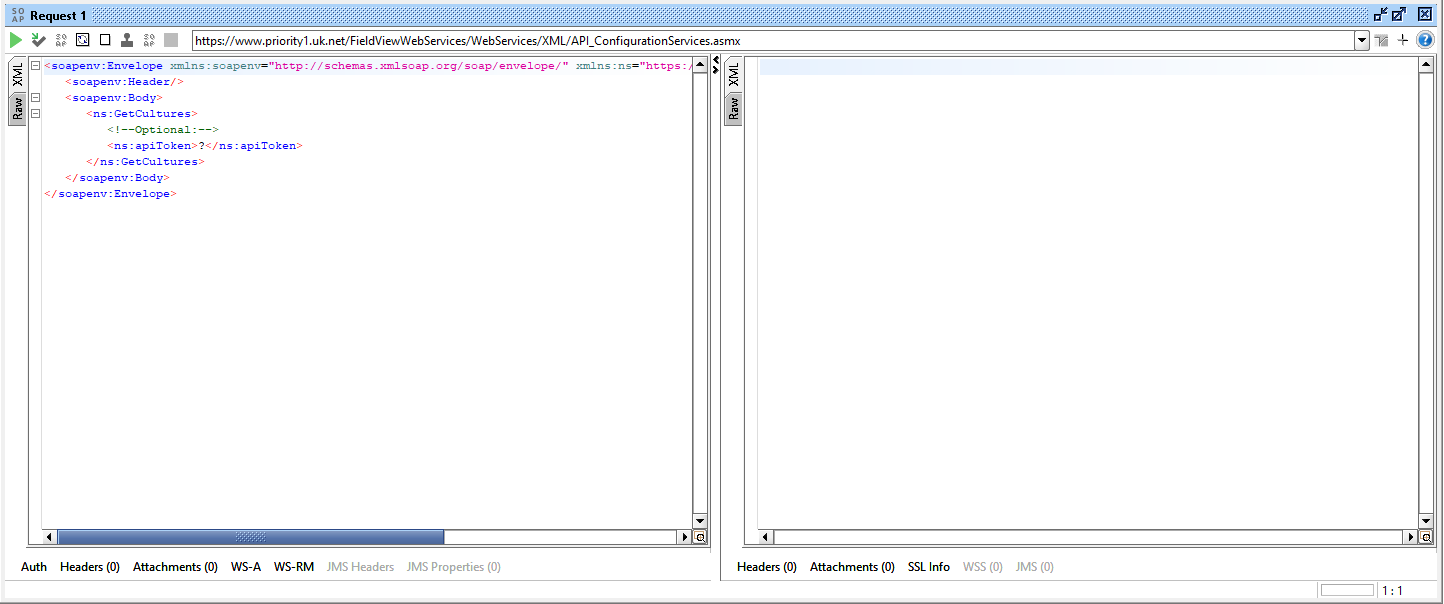
The specific information you would need largely depends on which API call you need to test, however this is generally a good place to start.

Once you have the information you need, you can then create a new request. To do this, first locate the API call you wish to test, right click on it and then select “New Request”.

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This will open a window allowing you to enter the data required to make the API call.



Once you’ve entered your data, press the Play button to run the call. You can then use the results to determine where the issue lies. If no data is returned or you see an error message then this could indicate a problem with the API function or the project data. If the data appears to be correct then it could be an issue with the users call. In the case of the former, this should then be escalated to 2nd Line or Triage

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**Matthew Westcott |**Application Support Specialist

**Trimble Viewpoint**

[Web](https://eur04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.viewpoint.com%2F&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=zk8GDf14iXAac6r0n2ASdXtDrSEFK3iXlnleV%2B0Y0WI%3D&reserved=0) | [LinkedIn](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.linkedin.com%2Fcompany%2Fviewpoint-construction-software&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=V0uTavQZx8h%2F0vpclQAG7ZRlcyth6ksLKP5aRZsLPPM%3D&reserved=0) | [Twitter](https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftwitter.com%2Fviewpointcs&data=04%7C01%7Caingelsten%40mainline.ie%7C1c51af44603f472a14a808d9f5f3e8b2%7C47a71a461d0749349adc5cbda198bc7e%7C0%7C0%7C637811250206692179%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=ptgPixEAz5rfMuU9yD%2B%2B2v3ZZfrEqXySTX97UZ%2B0GNQ%3D&reserved=0)  
