

	TTC Group IT
	User Guide Document

Content Hub 2.0 API User Guide (3rd Party Edition)

Version 2.0/April 2015



SUMMARY

Reference (JIRA)	Content Hub 2.0	Document Version	2.0
Owner	Dave Ford	Owning Module	Content Hub
Summary	User Guide for 3 rd Parties to describe how to use Content Hub 2.0 APIs using SOAP requests and RESTful Services		

REVISION HISTORY

Version	Date	Author	Description
2.0	April 2015	Dave Ford	Go Live Version

DISTRIBUTION HISTORY

Version	Date	Distributed To	Purpose/Details
2.0	April 2015	3 rd Party Users	Go Live Version

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1 Introduction

This manual has been created to help TTC 3rd Party partners understand how to use the APIs for Content Hub 2.0, so that they are able to carry out the functions and processes associated with the system.

Content Hub 2.0 is a replacement for Content Hub 1.0. The new version has been developed to:

- Provide the best rich web content and associated departure data we feasibly can, for use in our partners' websites and applications and for our own core brands' websites,
- Further enable functional exploitation in the consuming applications, and end-to-end consistency of data provisions for search through to book
- Demonstrate our understanding of and ability to respond to consuming parties' data and associated functional needs and our commitment to them/value we place in our partnerships and to continuous improvement and our ability to evolve with them
- Meet critical needs of priority new partners
- Look to avert gaps/issues we can address remaining and potentially becoming blockers to future critical partnerships

2 Compatibility and Access to Content Hub 2.0 APIs

TTC's Content API has been designed to be compatible with .NET 3.5 and java web service clients. Other clients may be compatible, but are not officially supported. **The webservice is SSL encrypted and delivered over secure https port.**

Once it is confirmed that Content API web services are to be made accessible to a new consumer/partner, the following details will be requested from the partner in order to progress account set-up:

- Name
- E-mail Address
- Address/Contact Details

The TTC brands and Selling Companies for which the consumer shall be able to obtain data via the services shall be agreed, and the consumer advised of the relevant codes of these selling companies and enabled to search and get tour details for all tours for those brands for the required selling region(s) / selling currency as part of their account set-up.

The new consumer shall be provided with a unique **Security Key (token)** value, which they can then use as value entry for securityKey in their API request calls, in order to access the TTC Content API services in Production at the location indicated in the WSDL /API Location section below. The same single securityKey value is used in all the operations available in the web service.

The Security Key is provided to the agreed consuming partner for their sole use, for partnership purposes defined and agreed with The Travel Corporation. If a partner is operating across multiple selling regions / selling currencies, they shall be provided with a separate account and securityKey for each specific selling region and should ensure that they enter the correct value for the region for which returns are required, e.g. US account specific securityKey for obtaining returns for a USAS selling company in USD; Canadian account specific securityKey for obtaining returns for a CANS selling company in CAD.

Content Hub 2.0 contains two Versions of the APIs:

- Version 1 (v1) contains the exact same web services used in Content Hub 1.0. This is so that users can move to using Content Hub 2.0 as soon as it is available without having to make any development changes save for changing the location of the WSDL. This will allow consumers to take advantage of the enhanced security features that Content Hub 2.0 offers. This will also allow TTC to be able to decommission Content Hub 1.0 and ensure that all consumers are running on identical infrastructure.
- Version 3 (v3) contains the enhanced content listed in Section 3 below and should be adopted by all consumers as soon as possible to benefit from these new features.

3 WSDL/API Locations

v1:

<https://content.travcorp.com/ccapi/v1/CCAPIv1.wsdl>

v3:

<https://content.travcorp.com/ccapi/v3/CCAPIv3.wsdl>

Content Hub 2.0 API web services v1 and v3 enable 3rd Party Web Teams to:

- 1 Send requests to **SearchTours** and receive in return results of all tours matching the search criteria with summary details and a lead in, guide price (v1) or preferred room price (v3).
- 2 Send requests to **GetTourDetailsFull** (*tourDetailsFull in v1*) and in return receive further descriptive content about an individual tour product along with departures, further pricing and availability data.

In addition to the above, v3 allows 3rd Party Web Teams to:

- 3 Send requests to **SearchToursAggregated** and receive in return, segregated by catalogue codes, a compressed set of results to those returned in the **SearchTours** request. This is new in Content Hub 2.0.
- 4 Send requests to **GetTourCategories** and in return receive a list of the different types/style of tours for each of the related Brands. This is new in Content Hub 2.0.

- 5 Send requests to **GetContinentsAndCountriesVisited** and in return receive a list of Country Codes that have associated tours pertaining to the Continents and Countries in the request. This is new in Content Hub 2.0.
- 6 Send requests to **GetBrochure** and in return receive a pdf version of a personalised brochure based on specified parameters. This is new in Content Hub 2.0.

The above data that is returned/sent from/to the Central Repository of Content Hub 2.0 is to a consistent xml schema definition for all the brands and with standard rules applied with regard to the types of values populated to each element/attribute for all brands.

API calls for content are in real-time, provided by the API services described in this document, is the preferred method of obtaining multi-brand TTC content for consumers who do not wish to take and cache/store bulk TTC data in their own Content Management Systems for use with their own search engine, but instead wish to make calls to our content provision web services in real-time using our search facility.

(For consumers who prefer instead to take bulk files of data from the TTC Content Hub as and when they choose, for import to their own content management systems and reference via their own search function etc., there is a ready facility to collect/download zip files over https, with files refreshed a minimum of four times daily and download taking just a matter of seconds – see Section 6 of this document).

4 SOAP Request and Response Parameters v1

4.1 SearchTours

4.1.1 Schema Layout

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ccap="http://CCAPI.TravelCorp.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <ccap:SearchTours>
      <!--Optional:-->
      <ccap:securityKey?</ccap:securityKey>
      <!--Optional:-->
      <ccap:sellingCompanyCodes>
        <!--Zero or more repetitions:-->
        <ccap:string?</ccap:string>
      </ccap:sellingCompanyCodes>
      <!--Optional:-->
      <ccap:continent?</ccap:continent>
      <!--Optional:-->
      <ccap:country?</ccap:country>
      <!--Optional:-->
      <ccap:duration?</ccap:duration>
      <!--Optional:-->
      <ccap:months?</ccap:months>
      <!--Optional:-->
      <ccap:keywords>
        <!--Zero or more repetitions:-->
        <ccap:string?</ccap:string>
      </ccap:keywords>
      <ccap:FirstRecordNumber?</ccap:FirstRecordNumber>
      <ccap:NumberOfRecords?</ccap:NumberOfRecords>
      <!--Optional:-->
      <ccap:OrderBy?</ccap:OrderBy>
      <!--Optional:-->
      <ccap:OrderDirection?</ccap:OrderDirection>
    </ccap:SearchTours>
  </soapenv:Body>
</soapenv:Envelope>
```

4.1.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
sellingCompanyCodes	Mandatory	<p>Search by selling company code.</p> <p>As part of user account/access set up, each user will be given access to use these API services for obtaining data for a specific sub-set of selling companies.</p> <p>A full set of selling companies can be found in Appendix 1.</p> <p>Where searching on multiple selling companies, multiple values must appear as a series of sub-nodes within the sellingCompanyCodes node in the input value entry for this parameter.</p> <p>If a sellingCompanyCodes value is entered to which the user has not been given access, then no results for that search will be returned and an error message will be thrown.</p>

string	Mandatory	The sub-node within the sellingCompanyCodes node where multiple values for selling companies are input.
continent	Optional	<p>Accepts 4-character continent codes.</p> <p>Multiple values can be entered, i.e. if requiring search to be Continent-specific, more than one Continent value can be entered as input if desired. Multiple values must be separated by commas within a single node. Multiple values entry will return all matches to first or second value.</p> <p>A full set of continent codes can be found in Appendix 2</p> <p>Note that there is a relationship in original source content between continents and countries. The Search does not enforce country value entries being definitively associated to continent value entries.</p> <p>If entering both Continent and Country (both of which are optional, and if entering a Country value you do not have to enter a Continent value), and if the search is intended for a specific country/countries only, then for best, specific matches to be returned the user should look to ensure that the Continent value is correct in relation to Continent-Countries mappings used in the source content.</p> <p>Not all of the Continents / Countries listed in the appendices are travelled to, and those that are travelled to vary for each brand selling company.</p>
country	Optional	<p>Accepts 2-letter ISO 3166 country codes.</p> <p>Multiple values can be entered, in which case multiple values must be comma-delimited within a single node. Multiple country value entries, comma delimited, will trigger an or type of search, so if search is requested on GB,FR for example, this will return results of tours which visit country United Kingdom or visit country France.</p> <p>A full set of selling country codes can be found in Appendix 3.</p> <p>If entering both Continent and Country (both of which are optional, and if entering a Country value you do not have to enter a Continent value as Country values take precedence i.e. all matches will be at country level wherever country values are entered), and if the search is intended for a specific country/countries only, then for best, specific matches to be returned the user should look to ensure that the Continent value is correct in relation to Continent-Countries mappings used in the source content.</p> <p>Not all of the Continents / Countries listed in the appendices are travelled to, and those that are travelled to vary for each brand selling company.</p>
duration	Optional	<p>Format: <i>[mindays]-[maxdays]</i></p> <p>e.g.: 7-14 (returns tours between 7 and 14 days duration)</p> <p>-10 (returns tours between 1 and 10 days)</p>

		<p>duration)</p> <p>4- (returns tours 4 days or greater duration)</p>
months	Optional	<p>Format: <i>[month],[month],...</i></p> <p>e.g.: 5 (returns tours starting in May)</p> <p>1,2,3 (returns tours starting in January, February, or March)</p> <p>Multiple values must be separated by commas within a single node.</p> <p>Multiple months do not have to be sequential.</p>
keywords	Optional	<p>Keyword(s) to search.</p> <p>As a general rule, multiple values must appear as a series of sub-nodes within the Keywords node.</p> <p>However,</p> <ul style="list-style-type: none"> - multiple Location names, e.g. <i>Paris London Rome</i>, can be entered as text in a single node without any double quotes* <p>but if there are also further non-location values:</p> <ul style="list-style-type: none"> - if a single word value, then this should be entered in a separate node, e.g. sub-node with value <i>exciting</i> - and if a multi-word phrase value eg <i>"exciting and cosmopolitan cities"</i> then the phrase should be entered in a separate sub-node and text phrases need to be enclosed in double quotes. <p>*Note, for entering city / location names as Keyword entries:</p> <ul style="list-style-type: none"> - If you enter the Country Code value(s) against the Country parameter as well, you will be surer of a location match, e.g. if you enter Country value FR as well, then enter Keyword value Paris, you will get best matches for Paris location in France (as opposed to also getting returned things like, the Paris Ballroom Hotel in some other city in some other country based purely on keyword match). - If searching multiple location / city names in the keywords, then if you put each location name as a separate individual keyword, in separate nodes, you will get all matches for tours that contain both of those words, i.e. that contain both Paris and London. - If you enter a phrase but without any expression marks such as <i>Paris London</i> you will get matches that contain Paris or London. A space represents an OR condition. - If you want to Search for tours that contain Paris AND London, put them in separate nodes or separate by a use comma. A comma represents an AND condition. - If you want all location matches then entering Country

		value(s), then entering each location individually in individual keyword node will bring you back everything that includes both of those location words in any order.
string	Optional	The sub-node within the keywords node where multiple values are input as described above.
FirstRecordNumber	Mandatory	Pagination allows the user to retrieve subsets of search results. FirstRecordNumber specifies the first record to be returned in the current batch; NumberOfRecords (see row below) specifies the total number to be returned.
NumberOfRecords	Mandatory	Pagination allows the user to retrieve subsets of search results. FirstRecordNumber (see above) specifies the first record to be returned in the current batch; NumberOfRecords specifies the total number of results to be returned.
OrderBy	Optional	Specifies the value by which the search results are required to be ordered in the return. A full set of order by codes can be found in Appendix 4.
OrderDirection	Optional	Specifies whether results are required to be returned in ascending or descending direction for the OrderBy criterion. Default direction is ascending. Value can be ASC for ascending order or DESC for descending order direction.

4.1.3 Return Values

Return Parameter	Description
searchResultsTotalRecords	Total number of records returned matching the search expression.
numberOfRecords	Number of records returned in the current response.
subsetReturned	Range of record numbers returned in the current response, in the format [first record] - [last record].
orderBy	Specifies the value by which the search results are required to be ordered in the return. A full set of order by codes can be found in Appendix 4.
orderDirection	Specifies whether results are required to be returned in ascending or descending direction for the OrderBy criterion. Default direction is ascending. Value can be ASC for ascending order or DESC for descending order direction.
mvCode	Market Variation Code, the unique identifier of a tour product. (Must be used in tourDetailsFull operation for population of the marketVariationCode parameter in Request to specify an individual tour for which further details are required to be returned).
sellingCompanyCode	Identifier of the brand Selling Company, market region(s) in which the tour is available for sale for each brand. A full set of selling company codes can be found in Appendix 1.
brochureCode	TTC code for the published brochure in which the tour is marketed.
brochureName	Descriptive name for the published brochure in which the tour is marketed.
price	'Lead in' / Guide Price for use on initial search results display. This price is obtained from a cache which is refreshed a minimum of four times daily.
duration	Total number of days" Duration defined for the tour.

highlights	Sightseeing Highlights of the tour – Describes key places of interest / attractions to be enjoyed on the tour.
sellable	Indicates whether it is possible to book the tour directly online. A value of true indicates that it can generally be booked via TTC's online booking services. A value of false indicates that a call to a reservations agent is required in order to proceed to book.

4.1.4 Sample Return (Truncated)

```
<?xml version="1.0" encoding="UTF-8" ?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <ns2:SearchTourResponse xmlns:ns2="http://CCAPI.TravelCorp.com/">
      <ns2:searchTourResult>
        <ns2:header>
          <ns2:successful>true</ns2:successful>
          <ns2:searchResultsTotalRecords>36</ns2:searchResultsTotalRecords>
          <ns2:numberOfRecords>36</ns2:numberOfRecords>
          <ns2:subsetReturned>1-36</ns2:subsetReturned>
          <ns2:orderBy>1</ns2:orderBy>
          <ns2:orderDirection>ASC</ns2:orderDirection>
        </ns2:header>
        <ns2:results>
          <ns2:searchTourResultItem>
            <ns2:mvcCode>CCBF7LMU09</ns2:mvcCode>
            <ns2:sellingCompanyCode>CHUSAS</ns2:sellingCompanyCode>
            <ns2:tourName>Oktoberfest - 5 Days Camping (Start/End London) (Ends in London)</ns2:tourName>
            <ns2:brochureCode>CHEUUS13T</ns2:brochureCode>
            <ns2:price>485.00</ns2:price>
            <ns2:duration>5</ns2:duration>
            <ns2:highlights>
              <![CDATA[<div class="section"><span class="title">Dover</span><ul><li>See the White Cliffs of Dover</li></ul></div><div class="section"><span class="title">Munich</span><ul><li>Guided walking
                tour of Munich: See Marienplatz, the Glockenspiel, the Rathaus, Munich Residenz, Frauenkirche &amp; Virtualienmarkt </li></ul></div><div class="section"><span class="title">Dachau</span><ul><li>Optional trip to
                Dachau Concentration Camp</li></ul></div></div>]]>
            </ns2:highlights>
            <ns2:sealable>true</ns2:sealable>
          </ns2:searchTourResultItem>
          <ns2:searchTourResultItem>
            <ns2:mvcCode>CCBF7LMU09</ns2:mvcCode>
            <ns2:sellingCompanyCode>CHUSAS</ns2:sellingCompanyCode>
            <ns2:tourName>Oktoberfest - 7 Days Camping (Start/End London) (Ends in London)</ns2:tourName>
            <ns2:brochureCode>CHEUUS13T</ns2:brochureCode>
            <ns2:price>615.00</ns2:price>
            <ns2:duration>7</ns2:duration>
            <ns2:highlights>
              <![CDATA[<div class="section"><span class="title">Dover</span><ul><li>See the White Cliffs of Dover</li></ul></div><div class="section"><span class="title">Munich</span><ul><li>Guided walking
                tour of Munich: See Marienplatz, the Glockenspiel, the Rathaus, Munich Residenz, Frauenkirche &amp; Virtualienmarkt </li></ul></div><div class="section"><span class="title">Dachau</span><ul><li>Optional trip to
                Dachau Concentration Camp</li></ul></div></div>]]>
            </ns2:highlights>
            <ns2:sealable>true</ns2:sealable>
          </ns2:searchTourResultItem>
          <ns2:searchTourResultItem>
            <ns2:mvcCode>BBHFGMLU09</ns2:mvcCode>
            <ns2:sellingCompanyCode>CHUSAS</ns2:sellingCompanyCode>
            <ns2:tourName>Oktoberfest - 6 Days Hotel (Start/End London) (Ends in London)</ns2:tourName>
            <ns2:brochureCode>CHEUUS13T</ns2:brochureCode>
            <ns2:price>945.00</ns2:price>
            <ns2:duration>6</ns2:duration>
            <ns2:highlights>
              <![CDATA[<div class="section"><span class="title">Dover</span><ul><li>See the White Cliffs of Dover</li></ul></div><div class="section"><span class="title">Munich</span><ul><li>Guided walking
                tour of Munich: See Marienplatz, the Glockenspiel, the Rathaus, Munich Residenz, Frauenkirche &amp; Virtualienmarkt </li></ul></div><div class="section"><span class="title">Dachau</span><ul><li>Optional trip to
                Dachau Concentration Camp</li></ul></div></div>]]>
            </ns2:highlights>
            <ns2:sealable>true</ns2:sealable>
          </ns2:searchTourResultItem>
        </ns2:results>
      </ns2:searchTourResult>
    </ns2:SearchTourResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.2 tourDetailsFull

4.2.1 Schema Layout

```
<?xml version="1.0" encoding="UTF-8" ?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns="http://contenthub.travcorp.com/tour_data/2010/11/1.0">
  <soapenv:Header />
  <soapenv:Body>
    <ns:TourDetailsFull>
      <!--Optional:-->
      <securityKey?></securityKey>
      <!--Optional:-->
      <sellingCompanyCode?></sellingCompanyCode>
      <!--Optional:-->
      <marketVariationCode?></marketVariationCode>
    </ns:TourDetailsFull>
  </soapenv:Body>
</soapenv:Envelope>
```

4.2.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
sellingCompanyCode	Mandatory	<p>The selling company code value entered here must be one specifically indicated in the SearchTours return for the marketVariationCode in question.</p> <p>It shall be for sellingCompanyCode which is included in those selling companies to which the user of the content api service has been granted access for the entered securityKey account.</p> <p>Single value entry only.</p> <p>Population of this value should be treated as mandatory. It is important that it is populated to further ensure that where the same market variation code product is used across more than one selling region, the right returns are got with the right currency pricing for the specific selling region for which the details are returned, i.e. USD prices only for USAS selling company, CAD prices only for CANS selling company.</p>
marketVariationCode	Mandatory	<p>Value identifying the individual tour product for which more details are required to be returned.</p> <p>Obtained from SearchTours return marketVariationCode value for the chosen individual tour.</p>

4.2.3 Return Values

Return Parameter	Description
MarketLocalisedTourData>	
BookableOnline	<p>The BookableOnline flag indicates whether it is possible to book tour departures directly online.</p> <p>A value of true indicates that it can be booked online via TTC's booking services.</p> <p>A value of false indicates that a call to a reservations agent is always required in order to proceed to book.</p> <p>Even if the value is false, indicating a call is required to book, the product can still be displayed in the website even where the site generally supports online booking, just that customer must call a contact centre if they wish to proceed further with booking of the tour</p>
BrandCode	2 character code which identifies the TTC Brand operating the tour: A full set of brand codes can be found in Appendix 6.
CatalogueCode	This is the generally four/five character code for each tour that is printed in the published brochures as the tour Ref / Code value, above the dates and prices panel for each tour in the printed brochure.
Currency	Indicates the currency of the Selling Company/Region

Duration	Number of days duration of the tour
MarketVariationCode	Unique identifier of the tour, lowest level of granularity for product identification. (Same value as was entered in marketVariationCode parameter in the tourDetailsFull request for which the return is being made).
OperatingProductCode	Code used in product build for the base template of a tour for tour operating purposes, for which Departures are first defined, after which priced products (Market Variations) can be defined. This item is not of specific relevance to content API service consumers or display of returns to their customers. It can be ignored by consumers of this API direct web service.
SellingCompanyCode	Identifier of the brand Selling Company, market region(s) in which the tour is available for sale for each brand. A full set of selling companies can be found in Appendix 1.
TropicsBrochureCode	TTC code for a brochure to which the tour is associated in the Tropics Product Build source system. Note, this may not be the same as the value/any one of the values populated in Brochures - Brochure Code in the tour_info file, for various reasons specific to our product build systems.
TourInfo>DepartureInfo>	
TourSeriesPricing>	
AdultPortTax	The value of any adult port taxes
AirPriceIncluded	Indicates if Air is included in the price
ChildPortTax	The value of any child port taxes
FoodFundPrice	The value of any included food
PricesIndicative	There may be some departures for which actual contracts are not in place, therefore the costs for these departures are based on estimates. The prices for these departures are marked as 'indicative' in the brochure price panel, and may be subject to change.
Departures>	
AvailabilityStatus	Indicates if this departure is available to book.
DefiniteDeparture	Indicates if the departure will definitely run or not.
DepartureCode	Indicates the unique departure code for the tour.
EndDate	Indicates the end date of the departure.
StartDate	Indicates the start date of the departure.
DeparturePricing>	
AdultSingleRoomPrice	The cost of a single room for an adult net of surcharges
AdultSingleRoomPriceCombined	The cost of a single room for an adult including all surcharges, taxes etc.
AdultTwinRoomPrice	The cost of a twin room for an adult net of surcharges
AdultTwinRoomPriceCombined	The cost of a twin room for an adult including all surcharges, taxes etc.
ChildPrice	The cost of a room for a child net of surcharges
LandOnlyReduction	The amount of reduction for a land departure
TeenagerDiscount	The discount value for a teenager

4.2.4 Sample Return

```
<?xml version="1.0" encoding="UTF-8" ?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <ns3:tourDetailsFullResponse xmlns:ns3="http://contenthub.travcorp.com/tour_data/2010/11/1.0" xmlns:ns2="http://www.ttsl.com/MarketLocalisedTourData/2010/11/1.0">
      <ns2:MarketLocalisedTourData BookableOnline="true" BrandCode="TT" CatalogueCode="IEC6" Currency="USD" Duration="8" MarketVariationCode="IEC6N09" OperatingProductCode="TBIEC609" SellingCompanyCode="TTUSAS">
        <TropicsBrochureCode="TTEUUS14W">
          <ns2:TourInfo>
            <ns2:TourName>Winter in London Moderate Winter 2014/2015</ns2:TourName>
            <ns2:Metadata>
              <ns2:TourCategories>
                <ns2:TourCategory Name="TourStyles">
                  <ns2:CategoryValue Name="City Breaks" />
                </ns2:TourCategory>
              </ns2:TourCategories>
            <ns2:Brochures>
              <ns2:Brochure Code="TTEUUS14W" Name="Autumn, Winter & Spring Europe 2014/15" />
            </ns2:Brochures>
            <ns2:Metadata>
              <ns2:ContinentsVisited>
                <ns2:Continent Code="EURO" Name="Europe" />
              </ns2:ContinentsVisited>
              <ns2:CountriesVisited>
                <ns2:Country Code="GB" Continent="EURO" Name="United Kingdom" />
              </ns2:CountriesVisited>
              <ns2:LocationsVisited>
                <ns2:Location Country="GB" Name="London" />
              </ns2:LocationsVisited>
            <ns2:Description>Feed at home in London for Christmas as the festive season comes to life with fantastic light displays scattered across the city. Explore the city independently, be captivated by the wonderful
            sightseeing along the Thames, Tower Bridge, Big Ben and Buckingham Palace. Enjoy a spot of London's finest shopping when visiting Harrods and the boutiques of Knightsbridge.</ns2:Description>
          <ns2:Assets>
            <ns2:Image Caption="primary_image" Height="531" Name="primary_image" Type="photo" Url="http://www.trafalgar.com/tours/-/media/tt/consumer/search/search%20result%
            20photos/IEC6_531x531_001.ashx" Width="531" />
            <ns2:Image Caption="primary_image" Height="125" Name="primary_image" Type="photo" Url="http://www.trafalgar.com/tours/-/media/tt/consumer/search/search%20result%
            20photos/IEC6_125x125_001.ashx" Width="125" />
          </ns2:Assets>
          <ns2:Itinerary>
            <ns2:ItinerarySegment Duration="1" StartDay="1">
              <ns2:Title>DEPART HOME</ns2:Title>
              <ns2:Text>Overnight flight to London.</ns2:Text>
            </ns2:ItinerarySegment>
            <ns2:ItinerarySegment Duration="6" StartDay="2">
              <ns2:Title>LONDON (6 Nights)</ns2:Title>
              <ns2:Text>Welcome to one of the most exciting cities in the world! As any Londoner will tell you, the city comes into its own during what is traditionally called the off-season i.e. fall, winter and spring. Fewer
              tourists will give you more space and time to enjoy the historic sights, galleries and museums that this magnificent capital city has to offer. The best theater tickets are more readily available plus you'll have
              the opportunity to grab some excellent bargains in the January sales. Trafalgar offers very special prices, making a trip to London essential during the off-season. See some of London's biggest sights during
              your included half day sightseeing tour with a Local Expert! Big Ben, the Houses of Parliament, Westminster Abbey and Buckingham Palace. Your tour ends in central London, leaving you free to explore on
              your own. Consider visiting the British Museum or discover the City of London's business district and the Tower of London. Visit Madame Tussauds or browse through the National Gallery in Trafalgar
              Square. Don't miss the Changing of the Guard at Buckingham Palace. Take a River Thames cruise to Greenwich, home of the Royal Maritime Museum and the Cutty Sark. Shopping is world-class in London.
            </ns2:Text>
            </ns2:ItinerarySegment>
          </ns2:Itinerary>
        </ns2:MarketLocalisedTourData>
      </ns3:tourDetailsFullResponse>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

5 SOAP Request and Response Parameters v3

5.1 SearchTours

5.1.1 Schema Layout

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3">
  <soapenv:Header/>
  <soapenv:Body>
    <v3:SearchToursRequest>
      <v3:securityKey?></v3:securityKey>
      <!--1 or more repetitions:-->
      <v3:sellingCompanies?></v3:sellingCompanies>
      <!--Optional:-->
      <v3:continentCodes?></v3:continentCodes>
      <!--Optional:-->
      <v3:countryCodes?></v3:countryCodes>
      <!--Optional:-->
      <v3:durationFrom?></v3:durationFrom>
      <!--Optional:-->
      <v3:durationTo?></v3:durationTo>
      <!--Optional:-->
      <v3:months?></v3:months>
      <!--Zero or more repetitions:-->
      <v3:keywordsAndPhrases> Greece</v3:keywordsAndPhrases>
      <!--Optional:-->
      <v3:preferredRoomType?></v3:preferredRoomType>
      <!--Optional:-->
      <v3:priceFrom?></v3:priceFrom>
      <!--Optional:-->
      <v3:priceTo?></v3:priceTo>
      <v3:firstRecordNumber?></v3:firstRecordNumber>
      <v3:numberOfRecords?></v3:numberOfRecords>
      <!--Optional:-->
      <v3:orderBy?></v3:orderBy>
      <!--Optional:-->
      <v3:orderDirection?></v3:orderDirection>
    </v3:SearchToursRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.1.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
sellingCompanies	Mandatory	<p>Search by selling company code.</p> <p>As part of user account/access set up, each user will be given access to use these API services for obtaining data for a specific sub-set of selling companies.</p> <p>A full set of selling companies can be found in Appendix 1.</p> <p>Where searching on multiple selling companies, multiple values must appear as separate lines within the sellingCompanies node in the input value entry for this parameter.</p> <p>If a sellingCompanies value is entered to which the user has not been given access, then no results for that search will be returned and an error message will be thrown.</p>

continentCodes	Optional	<p>Accepts 4-character continent codes.</p> <p>Multiple values can be entered, i.e. if requiring search to be continent-specific, more than one continentCodes value can be entered as input if desired; a space represents an OR condition, whilst a comma represents an AND condition.</p> <p>A full set of continent codes can be found in Appendix 2.</p> <p>Note that there is a relationship in original source content between continents and countries. The Search does not enforce country value entries being definitively associated to continent value entries.</p> <p>If entering both continentCodes and countryCodes (both of which are optional, and if entering a Country value you do not have to enter a continentCodes value), and if the search is intended for a specific country/countries only, then for best, specific matches to be returned the user should look to ensure that the continentCodes value is correct in relation to Continent-Countries mappings used in the source content.</p> <p>Not all of the continents / countries listed in the appendices are travelled to, and those that are travelled to vary for each brand selling company.</p>
countryCodes	Optional	<p>Accepts 2-letter ISO 3166 country codes.</p> <p>Multiple values can be entered; a space represents an OR condition, whilst a comma represents an AND condition.</p> <p>A full set of selling country codes can be found in Appendix 3.</p> <p>If entering both continentCodes and countryCodes (both of which are optional, and if entering a countryCodes value you do not have to enter a continentCodes value as countryCodes values take precedence i.e. all matches will be at country level wherever countryCodes values are entered), and if the search is intended for a specific country/countries only, then for best, specific matches to be returned the user should look to ensure that the continentCodes value is correct in relation to Continent-Countries mappings used in the source content.</p> <p>Not all of the Continents / Countries listed in the appendices are travelled to, and those that are travelled to vary for each brand selling company.</p>
durationFrom	Optional	<p>Sets the minimum stay for a tour in number of days. If set without a durationTo parameter this value acts as a Greater Than or Equal To condition. The schema expects a numeric value (integer); if the field is left empty an error is thrown. A null is required but the field has to be removed from the request.</p>
durationTo	Optional	<p>Sets the maximum stay for a tour in number of days. If set without a durationFrom parameter this value acts as a Less Than or Equal To condition. The schema expects a numeric value (integer); if the field is left empty an error is thrown. A null is required but the field has to be removed from the request</p>
months	Optional	<p>Format: <i>[month] [month],...</i></p> <p>e.g.: 5 (returns tours starting in May)</p>

		<p>1 2 3 (returns tours starting in January, February, or March)</p> <p>Multiple values must be separated by a space within a single node.</p> <p>Multiple months do not have to be sequential.</p>
keywordsAndPhrases	Optional	<p>Keyword(s) and Phrase(s) to search.</p> <p>As a general rule, multiple values must appear as separate lines within the keywordsAndPhrases node in the input value entry for this parameter.</p> <p>However,</p> <ul style="list-style-type: none"> - multiple Location names, e.g. <i>Paris London Rome</i>, can be entered as text in a single node without any double quotes* <p>but if there are also further non-location values:</p> <ul style="list-style-type: none"> - if a single word value, then this should be entered in a separate node, e.g. new line with value <i>exciting</i> - and if a multi-word phrase value e.g. <i>"exciting and cosmopolitan cities"</i> then the phrase should be entered in a separate line and text phrases need to be enclosed in double quotes. <p>*Note, for entering city / location names as keywordsAndPhrases entries:</p> <ul style="list-style-type: none"> - If you enter the Country Code value(s) against the Country parameter as well, you will be surer of a location match, e.g. if you enter Country value FR as well, then enter keywordsAndPhrases value Paris, you will get best matches for Paris location in France (as opposed to also getting returned things like, the Paris Ballroom Hotel in some other city in some other country based purely on keywordsAndPhrases match). - If searching multiple location / city names in keywordsAndPhrases, then if you put each location name as a separate individual keywordsAndPhrases, in separate nodes, you will get all matches for tours that contain both of those words, i.e. that contain both Paris and London. - If you enter a phrase but without any expression marks such as <i>Paris London</i> you will get matches that contain Paris or London. A space represents an OR condition. - If you want to Search for tours that contain Paris AND London, put them in separate nodes or separate by a use comma. A comma represents an AND condition. - If you want all location matches then entering Country value(s), then entering each location individually in an individual keywordsAndPhrases node will bring you back everything that includes both of those location words in any order.
preferredRoomType	Optional	<p>Sets the room type to search, one value allowed only.</p> <p>A full set of room types can be found in Appendix 5.</p>

PriceFrom	Optional	Sets the minimum price for a tour in numeric format, decimal places allowed. If set without a priceTo parameter this value acts as a Greater Than or Equal To parameter. The schema expects a numeric value (integer); if the field is left empty an error is thrown. A null is required but the field has to be removed from the request.
priceTo	Optional	Sets the maximum price for a tour in numeric format, decimal places allowed. If set without a priceFrom parameter this value acts as a Less Than or Equal To parameter. The schema expects a numeric value (integer); if the field is left empty an error is thrown. A null is required but the field has to be removed from the request.
firstRecordNumber	Mandatory	Pagination allows the user to retrieve subsets of search results. FirstRecordNumber specifies the first record to be returned in the current batch; NumberOfRecords (see row below) specifies the total number to be returned.
numberOfRecords	Mandatory	Pagination allows the user to retrieve subsets of search results. FirstRecordNumber (see above) specifies the first record to be returned in the current batch; NumberOfRecords specifies the total number of results to be returned.
orderBy	Optional	Specifies the value by which the search results are required to be ordered in the return. A full set of order by codes can be found in Appendix 4.
orderDirection	Optional	Specifies whether results are required to be returned in ascending or descending direction for the OrderBy criterion. Default direction is ascending. Value can be ASC for ascending order or DESC for descending order direction.

5.1.3 Return Values

Return Parameter	Description
totalRecords	Total number of records returned matching the search expression.
numberOfRecords	Number of records returned in the current response.
subsetReturned	Range of record numbers returned in the current response, in the format [first record] - [last record].
searchResults>	
tourCode	Tour Code, the unique identifier of a tour product.
tourName	Descriptive Name of the tour product.
sellingCompanyCode	Identifier of the brand Selling Company, market region(s) in which the tour is available for sale for each brand. A full set of selling companies can be found in Appendix 1.
priceFrom	Lowest price for use on initial search results display. It is the land only tour price per adult inclusive of any taxes based on sharing a twin room. This price is obtained from a cache which is refreshed a minimum of four times daily. If preferred room is specified uses that room type, if null preferred room uses twin room where available, if twin not available uses cheapest available room type.
priceTo	Highest price for use on initial search results display. It is the land only tour price per adult inclusive of any taxes based on sharing a twin room. This price is obtained from a cache which is refreshed a minimum of

	four times daily. If preferred room is specified uses that room type, if null preferred room uses twin room where available, if twin not available uses cheapest available room type.
brochureCode	TTC code for the published brochure in which the tour is marketed.
brochureName	Descriptive name for the published brochure in which the tour is marketed.
marketingFlags	Indicates if marketing flags are present
highlights>Section	
Title	Sightseeing Highlights of the tour – Describes key places of interest / attractions to be enjoyed on the tour.
Text	Sightseeing Highlights of the tour – Describes key places of interest / attractions to be enjoyed on the tour.
assets>Images>	
Image	Images for the tour
continentsVisited>Continent>	
Code	Four-character code defined for geographic continents. A full set of continent codes can be found in Appendix 2.
Name	Textual name of the continent
countriesVisited>Country>	
Code	ISO3166 defined two-character country code. A full set of country codes can be found in Appendix 3.
Name	Textual name of the country
ContinentCode	Four-character continent code associated with the country code
earlyPaymentDiscountAvailable	Indicates if an early payment discount is available for the departure.
definiteDeparturesAvailable	Indicates if a departure will definitely run or not.
duration	Total number of days duration defined for the tour.
accommodations	Lists all accommodation for the tour
startCity	Start city defined for the departure.
airportsStartCity	Start airport city defined for the departure.
endCity	End city defined for the departure.
airportsEndCity	End airport city defined for the departure.
sellableRoomTypes>RoomType>	
Sellable	Indicates whether it is possible to book the tour directly online. A value of true indicates that it can generally be booked via TTC's online booking services. A value of false indicates that a call to a reservations agent is required in order to proceed to book.
Type	Indicates the room type. A full set of room types can be found in Appendix 5.
operatingProductCode	Indicates the unique code for the operating product.
contractingSeason	Indicates the season that the tour is applicable
earliestDepartureStartDate	The first departure start date the tour.
latestDepartureStartDate	The last departure start date the tour.
includedSubProducts>	
includedSubProduct>	
Code	The Code for the Sub Product
Name	The descriptive name for the sub product
Category	The category for the sub product
ServiceType	The service type for the sub product
includedCruiseCabinType	For cruise elements, the cabin type that is included as part of the tour
additionalDefiners	Other miscellaneous

5.1.4 Sample Return (Truncated)

```

<!--BTV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"-->
<SOAP-ENV:Header>
<!--BTV:Body>
<v:SearchTourResponse xmlns:cw="http://www.ttc.com/ch2/api/enapi/v3" xmlns:sm="http://www.ttc.com/ch2/api/enapi/v3/TourDepartures/2013/2/3-4" xmlns:sl="http://www.ttc.com/ch2/api/enapi/v3/TourInfo/2014/1/1-9"
<v:MessageContext>
<v:status>SUCCESS</v:status>
<v:errorMessageContext>
<v:successful>true</v:successful>
<v:totalRecords>2</v:totalRecords>
<v:numberOfRecords></v:numberOfRecords>
<v:subarResultStatus></v:subarResultStatus>
<v:searchResults>
<v:tourCode>LASB09</v:tourCode>
<v:tourName>LA Explorer (2 nights) (End in Los Angeles)</v:tourName>
<v:sellingCompanyCode>CRSTV0</v:sellingCompanyCode>
<v:priceFrom>288.0</v:priceFrom>
<v:priceTo>288.0</v:priceTo>
<v:brochureCode>CRH3031</v:brochureCode>
<v:brochureName>CRA temp: Canada Brochure (2013/15)</v:brochureName>
<v:highlights>
<v:TextItem xmlns:naf="http://www.ttc.com/ch2/api/enapi/v3/TourInfo/2014/1/1-9">
<v>Title>Los Angeles</v>Title>
<v:Text>
<v:ul>
<v:li>LA party hot spots</v:li>
<v:li>LA Live Entertainment Complex</v:li>
<v:li>Big-on-hog-off LA city sightseeing tour featuring Downtown LA, Hollywood temp: Santa Monica</v:li>
<v:li>Racy access to Universal Studios, Hollywood temp: amazing shopping</v:li>
</v:ul>
</v:Text>
</v:TextItem>
</v:highlights>
</v:MessageContext>
<v:assets>
<v:Image xmlns:sm="http://www.ttc.com/ch2/api/enapi/v3/TourInfo/2014/1/1-9">
<v:Image Caption>LA Explorer (2 nights) Height=100 Name=primary_image Type=photo Uri="http://dl1gflg1uugi.cloudfront.net/brochure-assets/usa-canada/2014-2015/la-explorer-2-nights-tour-203x146.jpg" Width="219">
<v:Image Caption>LA Explorer (2 nights) Height=146 Name=primary_image Type=photo Uri="http://dl1gflg1uugi.cloudfront.net/brochure-assets/usa-canada/2014-2015/la-explorer-2-nights-tour-332x281.jpg" Width="600">
<v:Image Caption>LA Explorer (2 nights) Height=121 Name=primary_image Type=photo Uri="http://dl1gflg1uugi.cloudfront.net/brochure-assets/usa-canada/2014-2015/la-explorer-2-nights-tour-113x121.jpg" Width="103">
<v:Image Caption>LA Explorer (2 nights) Height=100 Name=temp_map Type=map Uri="http://dl1gflg1uugi.cloudfront.net/brochure-assets/usa-canada/2014-2015/la-explorer-2-nights-map-100x100.gif" Width="100">
<v:Image Caption>LA Explorer (2 nights) Height=600 Name=temp_map Type=map Uri="http://dl1gflg1uugi.cloudfront.net/brochure-assets/usa-canada/2014-2015/la-explorer-2-nights-map-703x510.gif" Width="600">
</v:Image>
</v:assets>
<v:continentsListed>
<v:Continent xmlns:sm="http://www.ttc.com/ch2/api/enapi/v3/TourInfo/2014/1/1-9">
<v:Code>H00</v:Code>
<v>Name>North America</v>Name>
</v:Continent>
</v:continentsListed>

```

5.2 GetTourDetailsFull

5.2.1 Schema Layout

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3">
  <soapenv:Header/>
  <soapenv:Body>
    <v3:GetTourDetailsFullRequest>
      <v3:securityKey?></v3:securityKey>
      <v3:sellingCompany?></v3:sellingCompany>
      <v3:tourCode?></v3:tourCode>
    </v3:GetTourDetailsFullRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.2.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
sellingCompany	Mandatory	<p>The selling company code value entered here must be one specifically indicated in the SearchTours return for the tourCode in question.</p> <p>It shall be for sellingCompany which is included in those selling companies to which the user of the content api service has been granted access for the entered securityKey account.</p> <p>Single value entry only.</p>
tourCode	Mandatory	<p>Value identifying the individual tour product for which more details are required to be returned.</p> <p>Obtained from SearchTours return tourCode value for the chosen individual tour.</p>

5.2.3 Return Values

Return Parameter	Description
TourDepartures>	
OnlineBookable	<p>The BookableOnline flag indicates whether it is possible to book tour departures directly online.</p> <p>A value of true indicates that it can be booked online via TTC's booking services.</p> <p>A value of false indicates that a call to a reservations agent is always required in order to proceed to book. Even if the value is false, indicating a call is required to book, the product can still be displayed in the website even where the site generally supports online booking, just that customer must call a contact centre if they wish to proceed further with booking of the tour</p>
TourCode	Tour Code, the unique identifier of a tour product.
OperatingProductCode	Indicates the unique code for the operating product.
SellingCompanies>SellingCompany>	
Code	Identifier of the brand Selling Company, market region(s) in which the tour is available for sale for each brand. A full set of selling companies can be found in Appendix 1.
CurrencyCode	Indicates the currency of the Selling Company/Region
InventoryBrochureCode	Indicates the unique code for the tour as where inventory is available
Departures>Departure>	
DepartureCode	Indicates the unique departure code for the tour.
AvailabilityStatus	Indicates if this departure is available to book.
StartDateTime	Indicates the start date and time of the departure.
EndDateTime	Indicates the end date and time of the departure.
DateRangeIncludesTravelTime	Indicates if the start and end dates include travel time before and after the tour
DefiniteDeparture	Indicates if the departure will definitely run or not.
Notes	Any notes e.g. payment guidance
Passengers>Passenger>	
Type	Type of passenger e.g. adult
AgeFrom	Minimum required age of passenger
AgeTo	Maximum age limit of passenger
Rooms>Room>OccupancyRule>	
MaximumAdults	The maximum number of adults allowed per room
MaximumPassengers	The total number of passengers allowed per room
MinimumAdults	The minimum number of adults allowed per room
MinimumPassengers	The total minimum number of passengers allowed per room
MinimumPayingAdults	The minimum number of paying adults allowed per room
Rooms>Room>Price>Adult>	
Base	The cost of the room for an adult net of surcharges
Combined	The cost of the room for an adult including all surcharges, taxes etc.
Rooms>Room>Price>Child>	
Base	The cost of the room for a child net of surcharges
Combined	The cost of the room for a child including all surcharges, taxes etc.
Rooms>Room>	
Type	The room type. A full set of room types can be found in

	Appendix 5.
CombinedIncludedCharges>Port Tax>Price>	
Adult	The adult price of any port taxes
Child	The child price of any port taxes
PricesIndicative	There may be some departures for which actual contracts are not in place, therefore the costs for these departures are based on estimates. The prices for these departures are marked as 'indicative' in the brochure price panel, and may be subject to change.
IsEligibleForFrequentTravellerDiscount	Indicates if a frequent traveller discount is available
CanSearchForFlights	Indicates if Air can be requested as part of the process
TourRules>AssociatedProducts>	
AccommodationProducts>	
AccommodationProduct>	
Type	The type of accommodation
Code	The unique product code for the accommodation product
Name	The name of the accommodation product
Address>	
Line1	The address of the accommodation
City	The address of the accommodation
Region	The address of the accommodation
Postcode	The address of the accommodation
Country	The address of the accommodation
Rooms>Room	
Type	The room type. A full set of room types can be found in Appendix 5.
Price>	
Adult	The price of the room for an adult
Child	The price of the room for a child
MiscellaneousProducts>	
MiscellaneousProduct>	
Code	Miscellaneous product code
Category	Category name of the miscellaneous product.
Name	Descriptive name of the miscellaneous product.
Price>	
Adult	The adult price of the miscellaneous product
Child	The child price of the miscellaneous product
TourInfo>	
BrandCode	2 character code which identifies the TTC Brand operating the tour: A full set of brand codes can be found in Appendix 6.
CMSId	The unique identifier of the source of brand web content
Duration	Number of days duration of the tour
TourCode	Tour Code, the unique identifier of a tour product.
TourName	Descriptive Name of the tour product.
CataloguedTour>	
Code	This is the generally four/five character code for each tour that is printed in the published brochures as the tour Ref / Code value, above the dates and prices panel for each tour in the printed brochure.
Name	Descriptive Name of the catalogued tour product.
SellingCompanies>SellingCompany>Brochure>	
Code	TTC code for the published brochure(s) in which the tour is marketed.
Name	Descriptive name for the published brochure(s) in which the tour is marketed.
TourCategories>TourCategory>	
Name	The Name for the tour category
CategoryValue	The descriptive name for the tour category

MarketingFlags>	
MarketingPriority	Indicator for the Marketing Preferences
MostPopular	True/False indicator
KeywordsPhrases>	
Text	Text line(s) with keywords and phrases to aid search capabilities
TourVariationDefiners>OperatingProduct>	
Code	The unique code for the specific tour variation
ContractingSeason	Indicates the season that the tour is applicable
Category	The category code for the specific tour variation
Classification	The classification code for the specific tour variation
StandardName	The descriptive name for the specific tour variation
IncludedSubProducts>IncludedSubProduct>	
Code	The Code for the Sub Product
Name	The descriptive name for the sub product
Category	The category for the sub product
ServiceType	The service type for the sub product
RoomTypes>RoomType>	
Sellable	Indicates whether it is possible to book the tour directly online. A value of true indicates that it can generally be booked via TTC's online booking services. A value of false indicates that a call to a reservations agent is required in order to proceed to book.
Type	Indicates the room type. A full set of room types can be found in Appendix 5.
StartCity>	
Name	Start city defined for the departure.
EndCity>	
Name	End city defined for the departure.
Airports>Airport>	
IATACode	The country code for the airport
Name	The airport name
City	The city in which the airport is located
Region	The region in which the airport is located
Country	The country in which the airport is located
DefaultForCity	The default airport for the city where the tour starts
IsTourPackage	Indicates if the operating product is a tour package
IncludedCruiseCabinType	Indicates what type of cabin is included in the tour (if applicable)
AdditionalDefiners>Section>	
Title	Spare field for future use
Text	Spare field for future use
ContinentsVisited>Continent>	
Code	Four-character code defined for geographic continents. A full set of continent codes can be found in Appendix 2.
Name	Textual name of the continent
CountriesVisited>Country>	
Code	ISO3166 defined two-character country code. A full set of country codes can be found in Appendix 3.
Name	Textual name of the country
ContinentCode	Four-character continent code associated with the country code
LocationsVisited>Location>	
CounrtyCode	The country code for the location(s) visited on the tour. A full set of country codes can be found in Appendix 3.
Name	Textual name of the country
Description	A description of the location(s) being visited
Assets>Images>	
Image Caption	Images for the tour

Height Name Type Url Width	<p>Type value currently map or photo.</p> <p>Name value for map type Image = route_map.</p> <p>This may be provided in several different Width Height size variations. Width / Height (pxl) values are provided for each Image in the return.</p> <p>Name values for photo type Image as may be available for the brand:</p> <p>primary_image = main photographic image for marketing of the tour.</p> <p>This same image may be provided in several different Width Height size variations.</p> <p>Width / Height (pxl) values are provided for each Image in the return.</p> <p>Secondary_image = a second, different photograph which may be available for marketing of the tour. This same second image may be provided in several different Width Height size variations.</p>
Videos>	
VideoAspectRatio Caption Name Type Url	Videos for the tour
Itinerary>ItinerarySegment>	
Duration	Duration of the particular segment of the tour.
StartDay	The start day number of the tour.
Title	The title for the segment.
Text	A textual description for the segment.
Accommodation	e.g. Name of Hotel included
LocationsVisited>	
LocationCountryCode	Country Code of Location
Name	Name of city
Meals>Meal	
Type	Meal type e.g. Breakfast
Number	Number of meals included
OptionalExtras>Extra>	
Code	Optional Experiences – Reference Code
Price>	
PassengerType	Optional Experiences – Type of passenger
CurrencyCode	Optional Experiences – Currency code of price
AmountFrom	Optional Experiences – Amount range lower value
AmountTo	Optional Experiences – Amount range higher value
Notes>Section>	
Title	Optional Experiences – Title
Text	Optional Experiences – Description
WhatsIncluded>Highlights>Section>	
Title	A title for any particular highlights for the segment.
Text	A textual description for any particular highlights for the segment
AirportTransfers>	
Section>	

Title	A title for the airport transfer
Text	A textual description detailing airport transfer information
AdditionalInfo>	
Section>	
Title	A title for the additional information
Text	A textual description detailing additional information

5.2.4 Sample Return (Truncated)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <SOAP-ENV:Body>
      <v3:GetTourDetailsFullResponse xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3" xmlns:td="http://www.ttc.com/ch2/api/ccapi/v3/TourDepartures/2013/09/2.5.4" xmlns:ti="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
        <v3:successfull>true</v3:successfull>
        <td:TourDepartures OnlineBookable="true" TourCode="TRCID1509">
          <ns:OperatingProductCode xmlns:ns="http://www.ttc.com/ch2/api/ccapi/v3/TourDepartures/2013/09/2.5.4">CAFWCID09</ns:OperatingProductCode>
          <ns:SellingCompany xmlns:ns="http://www.ttc.com/ch2/api/ccapi/v3/TourDepartures/2013/09/2.5.4">
            <ns:SellingCompany Code="CHUKLS" CurrencyCode="GBP" InventoryBrochureCode="CHSPK151">
              <ns:Departure>
                <ns:Departure>
                  <ns:DepartureCode>21H14</ns:DepartureCode>
                  <ns:AvailabilityStatus>Available</ns:AvailabilityStatus>
                  <ns:StartDateTime>2014-08-21T00:00:00+01:00</ns:StartDateTime>
                  <ns:EndDateTime>2014-08-27T00:00:00+01:00</ns:EndDateTime>
                  <ns:DateRangeIncludesTravelTime>false</ns:DateRangeIncludesTravelTime>
                  <ns:DefiniteDeparture>true</ns:DefiniteDeparture>
                  <ns:Notes>To proceed with payment you will need to have a 3D Secure password. If you have not registered with your credit card or bank provider for this password and you are unable to process your payment online please contact t
                </ns:Departure>
              </ns:Departures>
            </ns:SellingCompany>
          </ns:OperatingProductCode>
          <ns:Passenger>
            <ns:Type>Adult</ns:Type>
            <ns:AgeFrom>18</ns:AgeFrom>
            <ns:AgeTo>35</ns:AgeTo>
          </ns:Passenger>
          <ns:Room>
            <ns:Room>
              <ns:OccupancyRule>
                <ns:MaximumAdults>1</ns:MaximumAdults>
                <ns:MaximumPassengers>1</ns:MaximumPassengers>
                <ns:MinimumAdults>1</ns:MinimumAdults>
                <ns:MinimumPassengers>1</ns:MinimumPassengers>
                <ns:MinimumPayingAdults>1</ns:MinimumPayingAdults>
              </ns:OccupancyRule>
              <ns:Price>
                <ns:Adult>
                  <ns:Base>1120.00</ns:Base>
                  <ns:Combined>1120.00</ns:Combined>
                </ns:Adult>
                <ns:Child>
                  <ns:Base>995.00</ns:Base>
                  <ns:Combined>995.00</ns:Combined>
                </ns:Child>
              </ns:Price>
            </ns:Room>
          </ns:Passenger>
          <ns:Type>Single</ns:Type>
        </td:TourDepartures>
      </v3:GetTourDetailsFullResponse>
    </SOAP-ENV:Body>
  </SOAP-ENV:Header>
</SOAP-ENV:Envelope>
```

5.3 SearchToursAggregated

5.3.1 Schema Layout

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3">
  <soapenv:Header/>
  <soapenv:Body>
    <v3:SearchToursAggregatedRequest>
      <v3:securityKey>?</v3:securityKey>
      <!-- 1 or more repetitions: -->
      <v3:sellingCompanies>?</v3:sellingCompanies>
      <!-- Optional: -->
      <v3:continentCodes>?</v3:continentCodes>
      <!-- Optional: -->
      <v3:countryCodes>?</v3:countryCodes>
      <!-- Optional: -->
      <v3:durationFrom>?</v3:durationFrom>
      <!-- Optional: -->
      <v3:durationTo>?</v3:durationTo>
      <!-- Optional: -->
      <v3:months>?</v3:months>
      <!-- Zero or more repetitions: -->
      <v3:keywordsAndPhrases>?</v3:keywordsAndPhrases>
      <!-- Optional: -->
      <v3:preferredRoomType>?</v3:preferredRoomType>
      <!-- Optional: -->
      <v3:priceFrom>?</v3:priceFrom>
      <!-- Optional: -->
      <v3:priceTo>?</v3:priceTo>
      <v3:firstRecordNumber>?</v3:firstRecordNumber>
      <v3:numberOfRecords>?</v3:numberOfRecords>
      <!-- Optional: -->
      <v3:orderBy>?</v3:orderBy>
      <!-- Optional: -->
      <v3:orderDirection>?</v3:orderDirection>
    </v3:SearchToursAggregatedRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.3.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
sellingCompanies	Mandatory	<p>Search by selling company code.</p> <p>As part of user account/access set up, each user will be given access to use these API services for obtaining data for a specific sub-set of selling companies.</p> <p>A full set of selling companies can be found in Appendix 1.</p> <p>Where searching on multiple selling companies, multiple values must appear as separate lines within the sellingCompanies node in the input value entry for this parameter.</p> <p>If a sellingCompanies value is entered to which the user has not been given access, then no results for that search will be returned and an error message will be thrown.</p>
continentCodes	Optional	<p>Accepts 4-character continent codes.</p> <p>Multiple values can be entered, i.e. if requiring search to be continent-specific, more than one continentCodes value can be entered as input if desired; a space represents an OR condition, whilst a comma represents an AND condition.</p> <p>A full set of continent codes can be found in Appendix 2.</p> <p>Note that there is a relationship in original source content between continents and countries. The Search does not enforce country value entries being definitively associated to continent value entries.</p> <p>If entering both continentCodes and countryCodes (both of which are optional, and if entering a Country value you do not have to enter a continentCodes value), and if the search is intended for a specific country/countries only, then for best, specific matches to be returned the user should look to ensure that the continentCodes value is correct in relation to Continent-Countries mappings used in the source content.</p> <p>Not all of the continents / countries listed in the appendices are travelled to, and those that are travelled to vary for each brand selling company.</p>
countryCodes	Optional	<p>Accepts 4-character continent codes.</p> <p>Multiple values can be entered, i.e. if requiring search to be continent-specific, more than one continentCodes value can be entered as input if desired; a space represents an OR condition, whilst a comma represents an AND condition.</p> <p>A full set of continent codes can be found in Appendix 2.</p> <p>Note that there is a relationship in original source content between continents and countries. The Search does not enforce country value entries being definitively associated to continent value entries.</p>

		<p>If entering both continentCodes and countryCodes (both of which are optional, and if entering a Country value you do not have to enter a continentCodes value), and if the search is intended for a specific country/countries only, then for best, specific matches to be returned the user should look to ensure that the continentCodes value is correct in relation to Continent-Countries mappings used in the source content.</p> <p>Not all of the continents / countries listed in the appendices are travelled to, and those that are travelled to vary for each brand selling company.</p>
durationFrom	Optional	Sets the minimum stay for a tour in number of days. If set without a durationTo parameter this value acts as a GE parameter.
durationTo	Optional	Sets the maximum stay for a tour in number of days. If set without a durationFrom parameter this value acts as a LE parameter.
months	Optional	<p>Format: <i>[month] [month],...</i></p> <p>e.g.: 5 (returns tours starting in May)</p> <p> 1 2 3 (returns tours starting in January, February, or March)</p> <p>Multiple values must be separated by a space within a single node.</p> <p>Multiple months do not have to be sequential.</p>
keywordsAndPhrases	Optional	<p>Keyword(s) and Phrase(s) to search.</p> <p>As a general rule, multiple values must appear as separate lines within the keywordsAndPhrases node in the input value entry for this parameter.</p> <p>However,</p> <ul style="list-style-type: none"> - multiple Location names, e.g. <i>Paris London Rome</i>, can be entered as text in a single node without any double quotes* <p>but if there are also further non-location values:</p> <ul style="list-style-type: none"> - if a single word value, then this should be entered in a separate node, e.g. new line with value <i>exciting</i> - and if a multi-word phrase value e.g. <i>"exciting and cosmopolitan cities"</i> then the phrase should be entered in a separate line and text phrases need to be enclosed in double quotes. <p>*Note, for entering city / location names as keywordsAndPhrases entries:</p> <ul style="list-style-type: none"> - If you enter the Country Code value(s) against the Country parameter as well, you will be surer of a location match, e.g. if you enter Country value FR as well, then enter keywordsAndPhrases value Paris, you will get best matches for Paris location in France (as opposed to also getting returned things like, the Paris Ballroom Hotel in some other city in some

		<p>other country based purely on keywordsAndPhrases match).</p> <ul style="list-style-type: none"> - If searching multiple location / city names in keywordsAndPhrases, then if you put each location name as a separate individual keywordsAndPhrases, in separate nodes, you will get all matches for tours that contain both of those words, i.e. that contain both Paris and London. - If you enter a phrase but without any expression marks such as <i>Paris London</i> you will get matches that contain Paris or London. A space represents an OR condition. - If you want to Search for tours that contain Paris AND London, put them in separate nodes or separate by a use comma. A comma represents an AND condition. - If you want all location matches then entering Country value(s), then entering each location individually in an individual keywordsAndPhrases node will bring you back everything that includes both of those location words in any order.
preferredRoomType	Optional	<p>Sets the room type to search, one value allowed only.</p> <p>A full set of room types can be found in Appendix 5</p>
priceFrom	Optional	<p>Sets the minimum price for a tour in numeric format, decimal places allowed. If set without a priceTo parameter this value acts as a Greater Than or Equal To parameter. The schema expects a numeric value (integer); if the field is left empty an error is thrown. A null is required but the field has to be removed from the request.</p>
priceTo	Optional	<p>Sets the maximum price for a tour in numeric format, decimal places allowed. If set without a priceFrom parameter this value acts as a Less Than or Equal To parameter. The schema expects a numeric value (integer); if the field is left empty an error is thrown. A null is required but the field has to be removed from the request.</p>
firstRecordNumber	Mandatory	<p>Pagination allows the user to retrieve subsets of search results. FirstRecordNumber specifies the first record to be returned in the current batch; NumberOfRecords (see row below) specifies the total number to be returned.</p>
numberOfRecords	Mandatory	<p>Pagination allows the user to retrieve subsets of search results. FirstRecordNumber (see above) specifies the first record to be returned in the current batch; NumberOfRecords specifies the total number of results to be returned.</p>
orderBy	Optional	<p>Specifies the value by which the search results are required to be ordered in the return.</p> <p>A full set of order by codes can be found in Appendix 4.</p>
orderDirection	Optional	<p>Specifies whether results are required to be returned in ascending or descending direction for the OrderBy criterion. Default direction is ascending. Value can be ASC for ascending order or DESC for descending order direction.</p>

5.3.3 Return Values

Return Parameter	Description
totalRecords	Total number of records returned matching the search expression.
numberOfRecords	Number of records returned in the current response.
subsetReturned	Range of record numbers returned in the current response, in the format [first record] - [last record].
searchAggregatedResults>	
cataloguedTourCode	The unique code for the catalogued tour
cataloguedTourName	The descriptive name for the catalogued tour
searchAggregatedSubResults>	
tourCode	Tour Code, the unique identifier of a tour product.
tourName	Descriptive Name of the tour product.
sellingCompanyCode	Identifier of the brand Selling Company, market region(s) in which the tour is available for sale for each brand. A full set of selling companies can be found in Appendix 1.
priceFrom	Lowest price for use on initial search results display. It is the land only tour price per adult inclusive of any taxes based on sharing a twin room. This price is obtained from a cache which is refreshed a minimum of four times daily. If preferred room is specified uses that room type, if null preferred room uses twin room where available, if twin not available uses cheapest available room type.
priceTo	Highest price for use on initial search results display. It is the land only tour price per adult inclusive of any taxes based on sharing a twin room. This price is obtained from a cache which is refreshed a minimum of four times daily. If preferred room is specified uses that room type, if null preferred room uses twin room where available, if twin not available uses cheapest available room type.
brochureCode	TTC code for the published brochure in which the tour is marketed.
brochureName	Descriptive name for the published brochure in which the tour is marketed.
marketingFlags	Indicates if marketing flags are present
Highlights>Section	
Title	Sightseeing Highlights of the tour – Describes key places of interest / attractions to be enjoyed on the tour.
Text	Sightseeing Highlights of the tour – Describes key places of interest / attractions to be enjoyed on the tour.
assets	Images for the tour
continentsVisited>Continent>	
Code	Four-character code defined for geographic continents. A full set of continent codes can be found in Appendix 2.
Name	Textual name of the continent
countriesVisited>Country>	
Code	ISO3166 defined two-character country code. A full set of country codes can be found in Appendix 3.
Name	Textual name of the country
ContinentCode	Four-character continent code associated with the country code
earlyPaymentDiscountAvailable	Indicates if an early payment discount is available for the departure.
definiteDeparturesAvailable	Indicates if a departure will definitely run or not.
duration	Total number of days duration defined for the tour.
accommodations	Lists all accommodation for the tour
startCity	Start city defined for the departure.
airportsStartCity	Start airport city defined for the departure.
endCity	End city defined for the departure.
airportsEndCity	End airport city defined for the departure.
sellableRoomTypes>RoomType>	
Sellable	Indicates whether it is possible to book the tour directly online. A value of true indicates that it can generally be booked via TTC's online booking services. A value of false indicates that a call to a reservations

	agent is required in order to proceed to book.
Type	Indicates the room type. A full set of room types can be found in Appendix 5.
operatingProductCode	Indicates the unique code for the operating product.
contractingSeason	Indicates the season that the tour is applicable
earliestDepartureStartDate	The first departure start date the tour.
latestDepartureStartDate	The last departure start date the tour.
includedSubProducts>	
includedSubProduct>	
Code	The Code for the Sub Product
Name	The descriptive name for the sub product
Category	The category for the sub product
ServiceType	The service type for the sub product
includedCruiseCabinType	For cruise elements, the cabin type that is included as part of the tour
additionalDefiners	Other miscellaneous

5.3.4 Sample Return (Truncated)

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <v3:SearchTourAggregatedResponse xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3" xmlns:td="http://www.ttc.com/ch2/api/ccapi/v3/TourDepartures/2018/09/2.5.4" xmlns:ti="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
      <v3:status>SUCCESS</v3:status>
      </v3:messageContext>
      <v3:successful>true</v3:successful>
      <v3:totalRecords>198</v3:totalRecords>
      <v3:numberOfRecords>1</v3:numberOfRecords>
      <v3:subsetReturned>1</v3:subsetReturned>
      <v3:searchAggregatedResults>
        <v3:cataloguedTourCode>6028</v3:cataloguedTourCode>
        <v3:cataloguedTourName>Take Name:6028</v3:cataloguedTourName>
        <v3:searchAggregatedSubResults>
          <v3:tourCode>602812609</v3:tourCode>
          <v3:tourName>Sagean Classic (incl. 4 days cruising) (Standard inside cabin without porthole, Ends in Athens)</v3:tourName>
          <v3:sellingCompanyCode>CHUKLS</v3:sellingCompanyCode>
          <v3:priceFrom>785.0</v3:priceFrom>
          <v3:priceTo>795.0</v3:priceTo>
          <v3:brochureCode>CHUKLS19</v3:brochureCode>
          <v3:brochureName>Europe Brochure (2014/2015)</v3:brochureName>
          <v3:highlights>
            <ns6:Section xmlns:ns6="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
              <ns6:Title>Mykonos</ns6:Title>
              <ns6:Text>
                <ns6:ul>
                  <ns6:li>Visit Mykonos town samp: see the traditional Cycladic-style houses</ns6:li>
                </ns6:ul>
              </ns6:Text>
            </ns6:Section>
            <ns6:Section xmlns:ns6="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
              <ns6:Title>Kusadasi</ns6:Title>
              <ns6:Text>
                <ns6:ul>
                  <ns6:li>Visit Kusadasi's local bazaar</ns6:li>
                </ns6:ul>
              </ns6:Text>
            </ns6:Section>
            <ns6:Section xmlns:ns6="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
              <ns6:Title>Patmos</ns6:Title>
              <ns6:Text>
                <ns6:ul>
                  <ns6:li>See the Monastery of St. John on Patmos</ns6:li>
                </ns6:ul>
              </ns6:Text>
            </ns6:Section>
            <ns6:Section xmlns:ns6="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
              <ns6:Title>Patmos</ns6:Title>
              <ns6:Text>
                <ns6:ul>
                  <ns6:li>See the Monastery of St. John on Patmos</ns6:li>
                </ns6:ul>
              </ns6:Text>
            </ns6:Section>
          </v3:searchAggregatedSubResults>
        </v3:cataloguedTourCode>
      </v3:searchAggregatedResults>
    </v3:SearchTourAggregatedResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

5.4 GetTourCategories

5.4.1 Schema Layout

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3">
  <soapenv:Header/>
  <soapenv:Body>
    <v3:GetTourCategoriesRequest>
      <v3:securityKey>?</v3:securityKey>
      <v3:sellingCompany>?</v3:sellingCompany>
    </v3:GetTourCategoriesRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.4.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
sellingCompany	Mandatory	<p>Search by selling company code.</p> <p>As part of user account/access set up, each user will be given access to use these API services for obtaining data for a specific sub-set of selling companies.</p> <p>A full set of selling companies can be found in Appendix 1.</p> <p>Single value entry only.</p> <p>If a sellingCompany value is entered to which the user has not been given access, then no results for that search will be returned and an error message will be thrown.</p>

5.4.3 Return Values

Return Parameter	Description
tourCategories>	
tourCategory	A breakdown of the types of elements within a tour e.g. Accommodation Type, Location Type, Tour Styles etc.
categoryValue	A subset of values within each tour category e.g. Budget, Premium etc.

5.4.4 Sample Return

```
<?xml version='1.0' encoding='UTF-8'>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <v3:GetTourCategoriesResponse xmlns:v3="http://www.stc.com/ch2/api/ccapi/v3" xmlns:td="http://www.stc.com/ch2/api/ccapi/v3/TourDepartures/2013/09/2.6.4" xmlns:ti="http://www.stc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
      <v3:messageContext>
        <v3:status>SUCCESS</v3:status>
      </v3:messageContext>
      <v3:successful>true</v3:successful>
      <v3:tourCategories>
        <v3:tourCategory>
          <v3:categoryValue>At Leisure</v3:categoryValue>
          <v3:categoryValue>Central and Eastern Europe Regionals</v3:categoryValue>
          <v3:categoryValue>Central and Eastern Europe Train Trips</v3:categoryValue>
          <v3:categoryValue>Christmas Spectacular</v3:categoryValue>
          <v3:categoryValue>City Breaks</v3:categoryValue>
          <v3:categoryValue>Discoveries</v3:categoryValue>
          <v3:categoryValue>Discovery</v3:categoryValue>
          <v3:categoryValue>Eastern Mediterranean</v3:categoryValue>
          <v3:categoryValue>European Discoveries</v3:categoryValue>
          <v3:categoryValue>European Discoveries Train Trips</v3:categoryValue>
          <v3:categoryValue>Family Experiences</v3:categoryValue>
          <v3:categoryValue>Great Britain and Ireland Regionals</v3:categoryValue>
          <v3:categoryValue>Italy and Combinations Regionals</v3:categoryValue>
          <v3:categoryValue>Italy and Combinations Train Trips</v3:categoryValue>
          <v3:categoryValue>Regional</v3:categoryValue>
          <v3:categoryValue>Spain Portugal Morocco and France Regionals</v3:categoryValue>
          <v3:categoryValue>Special Interest</v3:categoryValue>
        </v3:tourCategory>
      </v3:tourCategories>
    </v3:GetTourCategoriesResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```


5.5 GetContinentsAndCountriesVisited

5.5.1 Schema Layout

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3">
  <soapenv:Header/>
  <soapenv:Body>
    <v3:GetContinentsAndCountriesVisitedRequest>
      <v3:securityKey?></v3:securityKey>
      <!--Optional:-->
      <v3:continent?></v3:continent>
      <!--1 or more repetitions:-->
      <v3:sellingCompanies?></v3:sellingCompanies>
    </v3:GetContinentsAndCountriesVisitedRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.5.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
continent	Optional	Accepts 4-character continent codes. Multiple values can be entered, i.e. if requiring search to be continent-specific, more than one continentCodes value can be entered as input if desired; a space represents an OR condition, whilst a comma represents an AND condition. A full set of continent codes can be found in Appendix 2.
sellingCompanies	Mandatory	Search by selling company code. As part of user account/access set up, each user will be given access to use these API services for obtaining data for a specific sub-set of selling companies. A full set of selling companies can be found in Appendix 1. Where searching on multiple selling companies, multiple values must appear as separate lines within the sellingCompanies node in the input value entry for this parameter. If a sellingCompanies value is entered to which the user has not been given access, then no results for that search will be returned and an error message will be thrown.

5.5.3 Return Values

Return Parameter	Description
continentsAndCountries>	
continent	Four-character code defined for geographic continents. A full set of continent codes can be found in Appendix 2.
countries	ISO3166 defined two-character country code. A full set of country codes can be found in Appendix 3.

5.5.4 Sample Return (Truncated)

```
<?xml version='1.0' encoding='UTF-8'>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <v3:GetContinentsAndCountriesV3Response xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3" xmlns:td="http://www.ttc.com/ch2/api/ccapi/v3/TourDepartures/2013/05/2.5.4" xmlns:ti="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
      <v3:statusCode>
        <v3:statusCode>SUCCESS</v3:statusCode>
      </v3:statusCode>
      <v3:successfulResponse/>
      <v3:continentAndCountries>
        <v3:continent>ASIA</v3:continent>
        <v3:countries>CN</v3:countries>
        <v3:countries>HK</v3:countries>
        <v3:countries>TW</v3:countries>
        <v3:countries>TH</v3:countries>
        <v3:countries>VN</v3:countries>
      </v3:continentAndCountries>
      <v3:continentAndCountries>
        <v3:continent>AUSTR</v3:continent>
        <v3:countries>AU</v3:countries>
        <v3:countries>NZ</v3:countries>
      </v3:continentAndCountries>
      <v3:continentAndCountries>
        <v3:continent>EURO</v3:continent>
        <v3:countries>AL</v3:countries>
        <v3:countries>AT</v3:countries>
        <v3:countries>BE</v3:countries>
        <v3:countries>BG</v3:countries>
        <v3:countries>BY</v3:countries>
        <v3:countries>CH</v3:countries>
        <v3:countries>CZ</v3:countries>
        <v3:countries>DE</v3:countries>
        <v3:countries>DK</v3:countries>
        <v3:countries>EG</v3:countries>
        <v3:countries>ES</v3:countries>
        <v3:countries>FI</v3:countries>
        <v3:countries>FR</v3:countries>
        <v3:countries>GB</v3:countries>
        <v3:countries>GR</v3:countries>
        <v3:countries>HR</v3:countries>
        <v3:countries>HU</v3:countries>
        <v3:countries>IE</v3:countries>
        <v3:countries>IT</v3:countries>
        <v3:countries>LI</v3:countries>
        <v3:countries>MC</v3:countries>
        <v3:countries>MK</v3:countries>
        <v3:countries>NL</v3:countries>
        <v3:countries>NO</v3:countries>
      </v3:continentAndCountries>
    </v3:GetContinentsAndCountriesV3Response>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

5.6 GetBrochure

5.6.1 Schema Layout

```
<?xml version='1.0' encoding='UTF-8'>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3">
  <soapenv:Header/>
  <soapenv:Body>
    <v3:GetBrochureRequest>
      <v3:securityKey?></v3:securityKey>
      <v3:title?></v3:title>
      <v3:brandCode?></v3:brandCode>
      <v3:sellingCompanyCode?></v3:sellingCompanyCode>
      <v3:agentText?></v3:agentText>
      <v3:agentImage?></v3:agentImage>
      <!--1 or more repetitions-->
      <v3:tour?></v3:tour>
    </v3:GetBrochureRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.6.2 Input Parameters

Input Parameter	Optional/ Mandatory	Description
securityKey	Mandatory	This value is your unique access code (token) and will be provided to you as part of your set up
title	Optional	This is free form text that the consumer will enter on the web site
brandCode	Mandatory	This is the code pertaining to the TTC brand. A full set of TTC Brand Codes can be found in Appendix 6.
sellingCompanyCode	Mandatory	As part of user account/access set up, each user will be given access to use these API services for obtaining data for a specific

		<p>sub-set of selling companies.</p> <p>A full set of selling companies can be found in Appendix 1.</p> <p>Single value entry only.</p> <p>If a sellingCompany value is entered to which the user has not been given access, then no results for that search will be returned.</p>
agentText	Optional	This is free form text that the consumer will enter on the web site
agentImage	Optional	This is the URL location of an image (typically a Travel Agent's logo).
tour	Mandatory	<p>Value identifying the individual tour product(s) for which more details are required to be returned.</p> <p>Where searching on multiple tour codes, multiple values must appear as separate lines within the tour node in the input value entry for this parameter.</p>

5.6.3 Return Values

Return Parameter	Description
fileData	The GUID that specifies the location of the brochure file for the purposes of rendering the requested parameters.

5.6.4 Sample Return

```

<?xml version='1.0' encoding='UTF-8'>
<SOAP-ENV:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <v3:GetBrochureResponse xmlns:v3="http://www.ttc.com/ch2/api/ccapi/v3" xmlns:td="http://www.ttc.com/ch2/api/ccapi/v3/TourDepartures/2013/09/2.5.4" xmlns:ti="http://www.ttc.com/ch2/api/ccapi/v3/TourInfo/2014/01/3.0">
      <v3:messageContext>
        <v3:status>SUCCESS</v3:status>
      </v3:messageContext>
      <v3:successful>true</v3:successful>
      <v3:fileData>
        <xop:Include href="cid:0a360c3d-026e-467a-ae2a-ff2c7d919a5540www.ttc.com" xmlns:xop="http://www.w3.org/2004/08/xop/include"/>
      </v3:fileData>
    </v3:GetBrochureResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

6 RESTful Service Requests

A RESTful Service is used to allow consumers to access the File Collect System in order to download the entire Content Hub for the purposes of using the data to publish on your own web site as you see fit.

The Security Key (token) is provided to the agreed consuming partner for their sole use, for partnership purposes defined and agreed with The Travel Corporation. If a partner is operating across multiple selling regions / selling currencies, they shall be provided with a separate account and securityKey for each specific selling region and should ensure that they enter the correct value for the region for which returns are required, e.g. US account specific securityKey for obtaining returns for a USAS selling company in USD; Canadian account specific securityKey for obtaining returns for a CANS selling company in CAD.

6.1 File Collect

Version1 URL – Browser Version

[https://content.travcorp.com/outgoing_archives/?&token=\[your_token\]&format=ui-plain](https://content.travcorp.com/outgoing_archives/?&token=[your_token]&format=ui-plain)

Version1 URL – XML Version**

[https://content.travcorp.com/outgoing_archives/?&token=\[your_token\]&format=xml](https://content.travcorp.com/outgoing_archives/?&token=[your_token]&format=xml)

Version3 URL – Browser Version

[https://content.travcorp.com/outgoing_archives/V3/?&token=\[your_token\]&format=ui-plain](https://content.travcorp.com/outgoing_archives/V3/?&token=[your_token]&format=ui-plain)

Version3 URL – XML Version**

[https://content.travcorp.com/outgoing_archives/V3/?&token=\[your_token\]&format=xml](https://content.travcorp.com/outgoing_archives/V3/?&token=[your_token]&format=xml)

**Note XML views are provided in order for developers to integrate these into their own systems should this be a requirement

File collect - Version 1
User:ccapi-usr-allfx
Brand:CH

No.	Company Code	Operation
1	CHUKLS	download
2	CHJBGS	download
3	CHCANS	download
4	CHEUOS	download
5	CHSYDS	download
6	CHUSAS	download
7	CHAKLS	download
8	CHSINS	download

Brand:BV

No.	Company Code	Operation
1	BVUSAS	download

Brand:IV

No.	Company Code	Operation
1	IVEUOS	download
2	IVCANS	download
3	IVUKLS	download
4	IVAKLS	download
5	IVUSAS	download
6	IVSYDS	download
7	IVSINS	download
8	IVGSAS	download
9	IVJBGS	download

Brand:TT

No.	Company Code	Operation
1	TTEUOS	download
2	TTAKLS	download
3	TTCANS	download
4	TTSINS	download
5	TTSYDS	download
6	TTGSAS	download
7	TTUSAS	download

BVUSAS_14126...zip

Help

Content is grouped by Selling Company

Click on a download link for the required Selling Company, and then click on the downloaded file to open

Link to User Guide

Zip file contains a folder for Tour Departures and a folder for Tour Info, and within each of those folders contain the XML Schemas for each Tour Code.

Additionally you can construct a URL that will point directly to a specific tour and download it automatically, e.g.:

v1 zip files for Selling Company CHAKLS:

[https://content.travcorp.com/outgoing_archives/CHAKLS.zip?&token=\[your token\]](https://content.travcorp.com/outgoing_archives/CHAKLS.zip?&token=[your token])

v3 zip files for Selling Company CHAKLS:

[https://content.travcorp.com/outgoing_archives/V3/CHAKLS.zip?&token=\[your token\]](https://content.travcorp.com/outgoing_archives/V3/CHAKLS.zip?&token=[your token])

7 Frequently Asked Questions

1. Q: I get an authentication error when using REST functions but my credentials are correct. Why is that?

A: Please check your URL; it should have a token credential at the end. Additionally it might be that your user is disabled or you are not assigned to the specific function, version (v1/v3) or Selling Company. Please contact the Application Support Team.

2. Q: I executed a SearchTours request a few times in a row getting different results (each time more tours were returned). How is this possible?

A: A process called *indexing* is already taking place. It lasts for a short period of time after the upload of Tour Info or a Tour Departure import to get the current state of data.

3. Q: Are SOAP request parameters values case sensitive?

A: Some of them are (e.g. SellingCompany, BrandCode, SecurityKey, CountryCode) and some of them are not (e.g. ContinentCode, KeywordsAndPhrases).

4. Q: How often is the data refreshed?

A: The data is refreshed a minimum of four times daily. Actual 'real-time' pricing/availability data is only available via our separate booking services called during the booking process, not in content provision.

5. Q: Can I use both the API and File Collect mechanisms?

A: A partner can use both mechanisms if they desire for their specific purposes, though most go with one option or the other.

6. Q: If using File Collect, how often should I download files for updated information?

A: Partners using the File Collect method should choose a frequency that works best for them, be this daily, more than once daily or with less frequency according to what they display and how up to date that data should be for their purposes. Tour Info for a specific tour product remains relatively static outside of new tours launching but does get updated and enhanced by content producers even outside of new brochure season launch periods. Tour Departure data and especially Availability Status for departures clearly changes with much more frequency over time, hence we provide two files for each product such that a partner could update departure details more frequently than the descriptive product info if they so desired. The output files available for collection are always all current tours as at the last cache update in our repository.

Appendix 1 – Selling Companies

Code	Description
BVUSAS	Brendan Vacations United States
CHAKLS	Contiki Holidays New Zealand
CHCANS	Contiki Holidays Canada
CHEUOS	Contiki Holidays Europe
CHJBGS	Contiki Holidays South Africa
CHSINS	Contiki Holidays Singapore
CHSYDS	Contiki Holidays Australia
CHUKLS	Contiki Holidays UK
CHUSAS	Contiki Holidays United States
IVAKLS	Insight Vacations New Zealand
IVCANS	Insight Vacations Canada
IVEUOS	Insight Vacations Europe
IVGSAS	Insight Vacations EMEA
IVJBGS	Insight Vacations South Africa
IVSINS	Insight Vacations Singapore
IVSYDS	Insight Vacations Australia
IVUKLS	Insight Vacations UK
IVUSAS	Insight Vacations United States
TTAKLS	Trafalgar Tours New Zealand
TTCANS	Trafalgar Tours Canada
TTEUOS	Trafalgar Tours Europe
TTGSAS	Trafalgar Tours EMEA
TTJBGS	Trafalgar Tours South Africa
TTOTHS	Trafalgar Tours Rest of the World
TTSYDS	Trafalgar Tours Australia
TTUKLS	Trafalgar Tours UK
TTUSAS	Trafalgar Tours United States

Appendix 2 – Continent Codes

Code	Description
AFRI	Africa
ANTA	Antarctica
ASIA	Asia
AUST	South Pacific
CAME	Central America
EURO	Europe
NAME	North America
SAME	South America

Appendix 3 – Country Codes

Code	Description	Associated Continent Code
AD	Andorra	EURO
AE	United Arab Emirates	AFRI
AF	Afghanistan	ASIA
AG	Antigua And Barbuda	CAME
AI	Anguilla	CAME
AL	Albania	EURO
AM	Armenia	EURO
AN	Netherlands Antilles	CAME
AO	Angola	AFRI
AQ	Antarctica	ANTA
AR	Argentina	SAME
AS	American Samoa	AUST
AT	Austria	EURO
AU	Australia	AUST
AW	Aruba	CAME
AX	Åland Islands	EURO
AZ	Azerbaijan	EURO
BA	Bosnia and Herzegovina	EURO
BB	Barbados	CAME
BD	Bangladesh	ASIA
BE	Belgium	EURO
BF	Burkina Faso	AFRI
BG	Bulgaria	EURO
BH	Bahrain	AFRI
BI	Burundi	AFRI
BJ	Benin	AFRI
BM	Bermuda	CAME
BN	Brunei	AFRI
BO	Bolivia	SAME
BR	Brazil	SAME
BS	Bahamas	CAME
BT	Bhutan	ASIA
BV	Bouvet Island	ANTA
BW	Botswana	AFRI
BY	Belarus	EURO
BZ	Belize	CAME
CA	Canada	NAME
CC	Cocos (Keeling) Islands	ASIA
CD	Congo, the Democratic Republic of the	AFRI
CF	Central African Republic	AFRI
CG	Congo	AFRI
CH	Switzerland	EURO

CI	Cote D'Ivoire	AFRI
CK	Cook Islands	AUST
CL	Chile	SAME
CM	Cameroon	AFRI
CN	China	ASIA
CO	Colombia	SAME
CR	Costa Rica	SAME
CU	Cuba	CAME
CV	Cape Verde	AFRI
CX	Christmas Island	AUST
CY	Cyprus	EURO
CZ	Czech Republic	EURO
DE	Germany	EURO
DJ	Djibouti	AFRI
DK	Denmark	EURO
DM	Dominica	CAME
DO	Dominican Republic	CAME
DZ	Algeria	AFRI
EC	Ecuador	SAME
EE	Estonia	EURO
EG	Egypt	AFRI
EH	Western Sahara	AFRI
ER	Eritrea	AFRI
ES	Spain	EURO
ET	Ethiopia	AFRI
FI	Finland	EURO
FJ	Fiji	AUST
FK	Falkland Islands (Malvinas)	SAME
FM	Micronesia, Federated States of	AUST
FO	Faroe Islands	EURO
FR	France	EURO
GA	Gabon	AFRI
GB	United Kingdom	EURO
GD	Grenada	CAME
GE	Georgia	EURO
GF	French Guiana	CAME
GG	Guernsey	EURO
GH	Ghana	AFRI
GI	Gibraltar	EURO
GL	Greenland	EURO
GM	Gambia	AFRI
GN	Guinea	AFRI
GP	Guadeloupe	CAME
GQ	Equatorial Guinea	AFRI
GR	Greece	EURO
GS	South Georgia and the South Sandwich	ANTA

	Islands	
GT	Guatemala	CAME
GU	Guam	AUST
GW	Guinea-Bissau	AFRI
GY	Guyana	SAME
HK	Hong Kong	ASIA
HM	Heard Island	ANTA
HN	Honduras	CAME
HR	Croatia	EURO
HT	Haiti	CAME
HU	Hungary	EURO
ID	Indonesia	ASIA
IE	Ireland	EURO
IL	Israel	EURO
IM	Isle of Man	EURO
IN	India	ASIA
IO	British Indian Ocean Territory	ASIA
IQ	Iraq	ASIA
IR	Iran, Islamic Republic of	ASIA
IS	Iceland	EURO
IT	Italy	EURO
JE	Jersey	EURO
JM	Jamaica	CAME
JO	Jordan	AFRI
JP	Japan	ASIA
KE	Kenya	AFRI
KG	Kyrgyzstan	EURO
KH	Cambodia	ASIA
KI	Kiribati	AUST
KM	Comoros	AFRI
KN	Saint Kitts and Nevis	CAME
KP	Korea, Democratic People's Republic of (commonly known as North Korea)	ASIA
KR	Korea, Republic of (commonly known as South Korea)	ASIA
KW	Kuwait	AFRI
KY	Cayman Islands	CAME
KZ	Kazakhstan	ASIA
LA	Laos	ASIA
LB	Lebanon	AFRI
LC	Saint Lucia	CAME
LI	Liechtenstein	EURO
LK	Sri Lanka	ASIA
LR	Liberia	AFRI
LS	Lesotho	AFRI
LT	Lithuania	EURO

LU	Luxembourg	EURO
LV	Latvia	EURO
LY	Libyan Arab Jamahiriya	AFRI
MA	Morocco	AFRI
MC	Monaco	EURO
MD	Moldova, Republic of	ASIA
ME	Montenegro	EURO
MG	Madagascar	AFRI
MH	Marshall Islands	AUST
MK	Macedonia, The Former Yugoslav Republic of	EURO
ML	Mali	AFRI
MM	Myanmar (Burma)	ASIA
MN	Mongolia	ASIA
MO	Macao	ASIA
MP	Northern Mariana Islands	AUST
MQ	Martinique	CAME
MR	Mauritania	AFRI
MS	Montserrat	EURO
MT	Malta	EURO
MU	Mauritius	AFRI
MV	Maldives	ASIA
MW	Malawi	AFRI
MX	Mexico	NAME
MY	Malaysia	ASIA
MZ	Mozambique	AFRI
NA	Namibia	AFRI
NC	New Caledonia	AUST
NE	Niger	AFRI
NF	Norfolk Island	AUST
NG	Nigeria	AFRI
NI	Nicaragua	CAME
NL	Netherlands	EURO
NO	Norway	EURO
NP	Nepal	ASIA
NR	Nauru	AUST
NU	Niue	AUST
NZ	New Zealand	AUST
OM	Oman	AFRI
PA	Panama	CAME
PE	Peru	SAME
PF	French Polynesia	SAME
PG	Papua New Guinea	ASIA
PH	Philippines	ASIA
PK	Pakistan	ASIA
PL	Poland	EURO
PM	Saint Pierre and Miquelon	CAME

PN	Pitcairn	AUST
PR	Puerto Rico	NAME
PS	Palestinian Territory (Occupied)	ASIA
PT	Portugal	EURO
PW	Palau	AUST
PY	Paraguay	SAME
QA	Qatar	ASIA
RE	Reunion	AFRI
RO	Romania	EURO
RS	Serbia	EURO
RU	Russia	EURO
RW	Rwanda	AFRI
SA	Saudi Arabia	AFRI
SB	Solomon Islands	AUST
SC	Seychelles	AFRI
SD	Sudan	AFRI
SE	Sweden	EURO
SG	Singapore	ASIA
SH	Saint Helena	CAME
SI	Slovenia	EURO
SJ	Svalbard and Jan Mayen	EURO
SK	Slovakia	EURO
SL	Sierra Leone	AFRI
SM	San Marino	EURO
SN	Senegal	AFRI
SO	Somalia	AFRI
SR	Suriname	SAME
ST	Sao Tome and Principe	AFRI
SV	El Salvador	CAME
SY	Syrian Arab Republic	AFRI
SZ	Swaziland	AFRI
TC	Turks And Caicos Islands	CAME
TD	Chad	AFRI
TF	French Southern Territories	ANTA
TG	Togo	AFRI
TH	Thailand	ASIA
TJ	Tajikistan	EURO
TK	Tokelau	AUST
TL	Timor-Leste	ASIA
TM	Turkmenistan	EURO
TN	Tunisia	AFRI
TO	Tonga	AUST
TR	Turkey	EURO
TT	Trinidad And Tobago	CAME
TV	Tuvalu	AUST
TW	Taiwan, Province of China	ASIA

TZ	Tanzania, United Republic of	AFRI
UA	Ukraine	EURO
UG	Uganda	AFRI
UM	United States Minor Outlying Islands	AUST
US	United States	NAME
UY	Uruguay	SAME
UZ	Uzbekistan	EURO
VA	Holy See (Vatican City State)	EURO
VC	Saint Vincent and the Grenadines	CAME
VE	Venezuela	SAME
VG	Virgin Islands, British	CAME
VI	Virgin Islands, U.S.	CAME
VN	Vietnam	ASIA
VU	Vanuatu	AUST
WF	Wallis And Futuna	CAME
WS	Samoa	AUST
YE	Yemen	AFRI
YT	Mayotte	AFRI
ZA	South Africa	AFRI
ZM	Zambia	AFRI
ZW	Zimbabwe	AFRI

Appendix 4 – Order By Codes

Code	Description
1	Price
2	Tour Name
3	Duration

Appendix 5 – Preferred Room Types

Code	Description
SINGLE	Single Occupancy
TWIN	Twin Room
TWINSHARE	Twin Share Room
TRIPLE	Triple Room
TRIPLESHARE	Triple Share Room
QUAD	Quad Room
QUADSHARE	Quad Share Room

Appendix 6 – Brand Codes

Code	Description
AT	AAT Kings
BV	Brendon Vacations
CH	Contiki Holidays
IV	Insight Vacations
TT	Trafalgar Tours