Bing Traffic API

* HTTP(S)
* Get traffic incidents:
  + <http://dev.virtualearth.net/REST/v1/Traffic/Incidents/mapArea/includeLocationCodes?severity=severity1,severity2,severityn&type=type1,type2,typen&key=BingMapsKey>
* Traffic API deals with traffic incidents and traffic flow only, not directional or route data
* When the service is returned, it’s returned as a Common Response wrapper which contains many incident reports
* Wrapper XML Nodes
  + StatusCode
    - Type: integer
    - HTTP status code
  + StatusDescription
    - Type: string
  + AuthenticationResultCode
    - Type: returns one of the following
      * ValidCredentials
      * InvalidCredentials
      * CredentialsExpired
      * NotAuthorized
      * NoCredentials
      * None
    - Offers additional information about the success of the authentication
  + TraceId
    - Type: string
    - Unique id for the request
  + Copyright
    - Type: string
  + BrandLogoUri
    - Type: string
    - URL that references a brand image to support contractual branding requirements
  + ResourceSets
    - Type: collection
    - Collection of ResourceSet objects
    - ResourceSet objects are containers of Resources
    - See ResourceSet below
  + errorDetails
    - Type: string[]
    - Collection of error details
* ResourceSet XML Nodes
  + EstimatedTotal
    - Type: long
    - Estimate of the total number of resources in the ResourceSet
  + Resources
    - Type: collection
    - One or more Resources that are returned dependent on the request
* Incident XML Nodes
  + Point (required)
    - Type : point
    - Lat and Long of the incident
  + CongestionInfo
    - Type : string
    - Ex: “generally slow” or “sluggish”
  + Description
    - Type: string
  + detourInfo
    - Type: string
    - Description of a detour
  + StartTimeUTC (required)
    - Type: UTC Time
    - Time the incident occurred
    - 2011-06-29T23:44:56.593Z
  + EndTimeUTC (required)
    - Time the incident will end
  + IncidentId (required)
    - Type: long
    - Unique id
  + LaneInfo
    - Type: string
    - Description specific to lanes, such as closures
  + lastModified (required)
    - Type: DateTime
    - Time the incident info was last updated
  + RoadClosed (required)
    - Type: Boolean
    - True is a closure
  + Severity (required)
    - Type: integer
    - Level of importance:
      * 1: LowImpact
      * 2: Minor
      * 3: Moderate
      * 4: Serious
  + ToPoint
    - Type: point
    - Coordinates of the end of a traffic incident such as the end of a construction zone
  + LocationCodes
    - Type: string collection
    - Provided when you set the includeLocationCodes param to true
    - Associate an incident with pre-defined road segments
    - Subscription typically required to be able to interpret codes for a geographical area or country.
  + Type (required)
    - Type: integer
    - Specifies the type of incident:
      * 1: Accident
      * 2: Congestion
      * 3: DisabledVehicle
      * 4: MassTransit
      * 5: Miscellaneous
      * 6: OtherNews
      * 7: PlannedEvent
      * 8: RoadHazard
      * 9: Construction
      * 10: Alert
      * 11: Weather
  + Verified (required)
    - Type: Boolean
    - True indicates that the incident has been visually verified or otherwise officially confirmed by a source such as the local police