ITN International
Badge Data Service API User Guide

v.1.0.3 January 2016

Outline

Below are the items are REQUIRED to submit a request to the badge data service

1. *Authentication Key.*
   A unique authentication key is given to each organization requiring access to the service. It is used to verify the entity accessing the service.

2. *Activation Code*
   Each event requires an activation code to access the data for THAT event.

3. *Device Identifier*
   A value of your choosing to identify which physical device requested the data. For example, Sales Area 1, Demo area 3 etc.

4. *Badge Data*
   The data required here is the 'payload' data of the BCARD NDEF record 'bcard.net:bcard' converted to a base64 string.
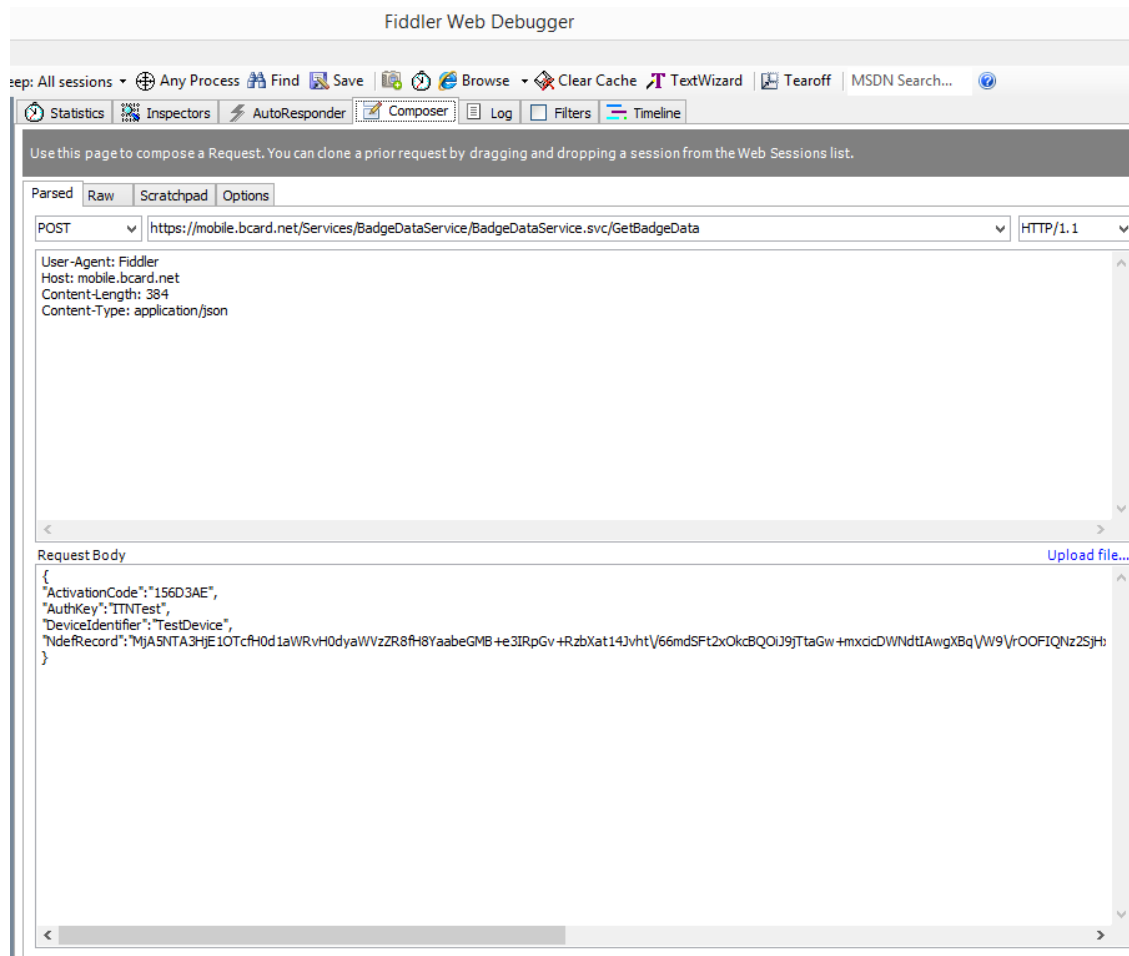
Service Submission

The badge data service URL is:
https://mobile.bcard.net/Services/BadgeDataService/BadgeDataService.svc/GetBadgeData

A JSON request must be posted to this url using an http POST method.

The request would post the following to the url above:

```
{

        "ActivationCode":"156D3AE",

        "AuthKey":"ITNTest",

        "DeviceIdentifier":"TestDevice",

        "NdefRecord":"MjA5NTA3HjE1OTcfH0d1aWRvH0dyaWVzZR8fH8YaabeGMB+e3IRpGv+RzbXat
14Jvht\/66mdSFt2xOkcBQOiJ9jTtaGw+mxcicDWNdtIAwgXBq\/W9\/rOOFIQNz2SjHxioUhjyNFvrgb9lstf
4DhTxcNw8E8Cv2D2FPQMIvxxOGv\/tEYN5UUiIPmWtDHFCi+PxTcrqUq9hTyxkzyI07FPEy8KiM5z2HQdu
n+MTW+7MpNPveHl66HAlt1QJwXM3EuF4qA+Tt7z1Jmm6k7n"

}
```

To test posting, use fiddler or something similar, as below:

After a successful post, the server will respond with the following:

```
{
        "BadgeData":
        {
                "AccountID":"",
                "Address1":"",
                "Address2":"",
                "Address3":"",
                "Aux1":"",
                "Aux2":"",
                "Aux3":"",
                "Aux4":"",
                "Aux5":"",
                "City":"",
                "Company":"",
                "Country":"",
                "Division":"",
                "Email":"",
                "EventID":"",
                "Fax":"",
                "Firstname":"",
```

```
            "Lastname":"",
            "Middlename":"",
            "Phone1":"",
            "Phone2":"",
            "PrivCodes":"",
            "PubCodes":"",
            "Salutation":"",
            "State":"",
            "StoredUID":"",
            "Suffix":"",
            "TelCountryCode":"",
            "Title":"",
            "URL":"",
            "Zip":""
        },
        "ErrorMessage":"The current date is outside the allowable range for this badge.",
        "Success":false
}
```

Service Error Messages

Message	Description
Badge Request is empty.	Badge request value is required
NDEF Record is not in the expected format.	Full NDEF record must be supplied converted to a base 64 string
No data supplied	Badge Request, Activation code and Authentication key missing
Activation Code does not match the details of this badge.	Activation codes are event specific and must be for the same event as the badge.
The current date is outside the allowable range for this badge.	Allowable range is 7 months prior to the event to 7 days after event close.
Activation code is not for this type of service. Please purchase a Data Service activation code instead.	Activation code must be for ITN Badge Data Service. Activation codes for other ITN services will not function.
Activation code is invalid.	Valid Activation Code is required
Authentication key is invalid.	Valid Authentication key is required
Device Identifier is empty.	Device Identifier value is required