

# ADI - Errors

- Error Types
  - Error type 1: Authorization
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  - Error type 3: Service Objects Fatal

Anything that happens during a run of DOTS Address Detective International that causes it to be unable to finish its normal processing is an error. If an error occurs, one of the following error types will be returned.

## Error Types

Type	TypeCode	Billable	Standard Across All Gen2 Web Services
Authorization	1	No	Yes
User Input	2	No	No
Service Objects Fatal	3	No	Yes

## Error type 1: Authorization

These are standard to all Generation 2 DOTS Web Services.

DescCode	Desc
0	Unknown authorization error.
1	Please provide a valid license key for this web service.
2	The daily allowable number of transactions for this license key has been exceeded.
3	The monthly allowable number of transactions for this license key has been exceeded.
4	The total allowable number of transactions for this license key has been exceeded.
5	There are not enough transactions available. Check your daily /monthly transaction limits.
6	This license key has not yet been activated.
7	This license key has expired.
8	Your license key does not work on this service

## Error type 2: User Input

User Input errors are caused when a user inputs an invalid value or fails to provide a certain input field altogether. If a developer creates a request and mistypes a parameter name, it will probably cause a User Input Error.

DescCode	Desc
1	You must input a license key in the LicenseKey field.
2	You must submit at least one input value in addition to your license key.

### **Error type 3: Service Objects Fatal**

The Desc will always be the same and the DescCode has no meaning. This is standard to all Generation 2 DOTS Web Services. This is a rare error that signals either a bug in the DOTS Address Detective service, or a Network/Connectivity issue.

DescCode	Desc
1	Unhandled error. Please contact Service Objects.