

# Interface Design Description - reject-contract

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## 1 Interface Design Description Overview

The reject-contract service is used to allow systems to reject a proposed contract to buy some piece of data. This rejection mostly happens because the amount of currency offered in the contract was not enough. The system which rejects the contract will contact the contract system directly through the interface described in section 2. The reject-contract service is used by system which are subscribed to the event type REQUEST\_RECEIVED to reject contracts. Reject-contract uses HTTP/SECURE/JSON.

Table 1 Pointers to SD documents.

Service description	Path
reject-contract	Service_Description_SD__reject_contract.pdf

Tabell 1: Showing the contract systems provided services.

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Carl Borngrund	Proposed
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## 2 Interfaces

### 2.1 Request structure

The service of reject-contract is a REST API endpoint which is accessed by a POST request. The structure of the JSON object can be seen below:

```
1 {  
2   "random-hash": String  
3 }
```

The random-hash is the identifying hash of the contract offer which allows the contract system to relay the offer rejection to the system which made the offer to begin with.

### 2.2 Response structure

The offer-contract service will response with a HTTP response of:

- 200 OK if the offer was rejected
- 400 Bad request if the request structure is incomplete/incorrect
- 401 Unauthorized if the standard arrowhead authorization protocol is not followed