Service API

Salesforce Event Endpoint

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Purpose

This document details usage of iHASCO's *Service API* as currently implemented. The API endpoint described allows activation of LMS services for new and existing iHASCO client accounts in response to Salesforce contract event payloads.

Requests

URL

QA Environment

POST https://service.qa.ihasco.co.uk/salesforce/event

Production Environment (currently disabled)

POST https://service.ihasco.co.uk/salesforce/event

Header

```
Authorization: Bearer <TBC>
Content-Type: application/json
```

Body

Request body is JSON (see [Request Body](#))

Restrictions

- Access will be limited by IP address
- Rate is limited to 6000 requests / minute

Responses

Success

A successful request will return HTTP 200 (OK), with the following JSON message:

```
["ok"]
```

Validation Errors

Validation errors will return HTTP 422 (Unprocessable Entity), with the following error JSON message:

Model

```
{
    "<PROPERTY_NAME>": [
        "<MESSAGE>"
    ]
}
```

Example

```
{
    "EventType": [
        "validation.required"
    ],
    "PriceModel": [
        "validation.required"
    ]
}
```

Request Body

Root			
Property	**Rules**	**Error Message**	**Notes**
`EventType`	Required	`validation.required`	
	String (Enum: [EventType](#))	`validation.in:`*enum-list*	
`PriceModel`	Required	`validation.required`	
	String (Enum: [PriceModel](#))	`validation.in:`*enum-list*	
`LmsId`	Nullable	-	
	Integer	`validation.integer`	
	Required if `EventType` is `ContractAmended`	`validation.required_if:EventType=ContractAmended`	
	Must be an existing iHASCO client ID	`validation.does-not-exist:`*\<LmsId\>*	
`ContractId`	Required if `EventType` is `ContractActivated|Amended`	`validation.required_if:EventType=ContractActivated|ContractAmended`	
	String	`validation.string`	
	Nullable		
`ContractNumber`	Required if `EventType` is `ContractActivated|Amended`	`validation.required_if:EventType=ContractActivated|ContractAmended`	
	Integer	`validation.integer`	
	Nullable		

OrderId	Required if `EventType` is `OrderActivated`
	
	String
	
	Nullable
		`validation.required_if:EventType=OrderActivated`
		
		`validation.string`	

OrderNumber	Required if `EventType` is `OrderActivated`
	
	Integer
	
	Nullable
		`validation.required_if:EventType=OrderActivated`
		
		`validation.integer`	

StartDate	Required
	
	ISO 8601 calendar date (YYYY-MM-DD)
		`validation.required`
		
		`validation.format:YYYY-MM-DD`
			Contract or order start-date

EndDate	Required
	
	ISO 8601 calendar date (YYYY-MM-DD)
	
	Must be after `StartDate`
		`validation.required`
		
		`validation.format:YYYY-MM-DD`
		
		`validation.after:ContractStartDate`
			Contract or order end-date

SourceOpportunityId	Required
	
	String
		`validation.required`
		
		`validation.string`	

AccountId	Required
	
	String
	
	Must match iHASCO client Salesforce ID if `LmsId` is supplied
		`validation.required`
		
		`validation.string`
		
		`validation.does-not-match-client-record`	

AccountName	Required
	
	String
		`validation.required`
		
		`validation.string`	

PrimaryContact	Required Object ([PrimaryContact](#))	`validation.required`	
SalesRepresentative	Required Object ([SalesRepresentative](#))	`validation.required`	

LineItems	Required
	
	Object Array ([LineItem](#))
		`validation.required`
		
		`validation.array`
			Subscription or order items

CreditPurchases	Optional Object Array ([CreditPurchase](#)) Nullable	– `validation.array`	
AccountSites	Optional Nullable		

PrimaryContact

Property	Rules	Error Message
Id	Required	validation.required
	String	validation.string
FirstName	Required	validation.required
	String	validation.string
LastName	Required	validation.required
	String	validation.string
Email	Required	validation.required
	Email Address String	validation.email-address
Phone	Required	validation.required
	String	validation.string

SalesRepresentative

Property	Rules	Error Message
FirstName	Required	`validation.required`
	String	`validation.string`
LastName	Required	`validation.required`
	String	`validation.string`
Email	Required	`validation.required`
	Email Address String	`validation.email-address`

LineItem

Property	Rules	Error Message
Id	Required	`validation.required`
	String	`validation.string`
Name	Required	`validation.required`
	String	`validation.string`
ContractId	Required if [Root](#).EventType is `ContractActivated|Amended`	`validation.required_if:EventType=ContractActivated|ContractAmended`
	Must match [Root](#).ContractId	`validation.match:ContractId`
	Nullable	
ContractNumber	Required if [Root](#).EventType is `ContractActivated|Amended`	`validation.required_if:EventType=ContractActivated|ContractAmended`
	Must match [Root](#).ContractNumber	`validation.match:ContractNumber`
	Nullable	
OrderId	Required if [Root](#).EventType is `OrderActivated`	`validation.required_if:EventType=OrderActivated`
	Must match [Root](#).OrderId	`validation.match:OrderId`
	Nullable	
OrderNumber	Required if [Root](#).EventType is `OrderActivated`	`validation.required_if:EventType=OrderActivated`
	Must match [Root](#).OrderNumber	`validation.match:OrderNumber`

	Nullable	
StartDate	Required	`validation.required`
	ISO 8601 calendar date (YYYY-MM-DD)	`validation.format:YYYY-MM-DD`
EndDate	Required	`validation.required`
	ISO 8601 calendar date (YYYY-MM-DD)	`validation.format:YYYY-MM-DD`
	Must be after `LineItem.StartDate`	`validation.after:LineItem.StartDate`
ProductName	Required	`validation.required`
	Must match 'integer + whitespace + string' if `ParentProductCode` is IHRPM	`validation.must-begin-with-integer`
ProductCode	Required	`validation.required`
	String	`validation.string`
	Single [CourseAccess](#) code line item is permitted	`validation.course-access-code:multiple`
ParentProductCode	Required	`validation.required`
	String	`validation.string`
ServiceStartDate	Required	`validation.required`
	ISO 8601 calendar date (YYYY-MM-DD)	`validation.format:YYYY-MM-DD`
ServiceEndDate	Required	`validation.required`
	ISO 8601 calendar date (YYYY-MM-DD)	`validation.format:YYYY-MM-DD`
	Must be after `LineItem.ServiceStartDate`	`validation.after:LineItem.ServiceStartDate`
UserLimit	Required if `LineItem.ProductCode` is IHUBP and [Root](#).`PriceModel` is UserBased	`validation.required`

	Integer	`validation.integer`
	Minimum: 1	`validation.min:1`
	Nullable	
Quantity	Required if `LineItem.ProductCode` is `AccessKEYACA` and <u>Root</u>`.PriceModel` is `OpenLicense`	`validation.required`
	Integer	`validation.integer`
	Minimum: 1	`validation.min:1`
	Nullable	

CreditPurchase

Property	Rules	Error Message
LineItemId	Required	`validation.required`
	Must be present in <u>Root</u>.<u>LineItems</u>.*.Id	`validation.match:LineItems.*.Id`
PurchaseDate	Required	`validation.required`
	ISO 8601 calendar date (YYYY-MM-DD)	`validation.format:YYYY-MM-DD`
Quantity	Required	`validation.required`
	Integer	`validation.integer`
	Minimum: 1	`validation.min:1`

Enumerations

EventType

```
ContractActivated
ContractAmended
OrderActivated
```

PriceModel

```
OpenLicense
RestrictedLicense
UserBased
```

CourseAccess

```
AccessKEY1
AccessKEY5
AccessKEY10
AccessKEY20
AccessKEYALL
```

Example Payloads

User-based Pricing: Activate Service for New Client

```json
{
  "EventType": "ContractActivated",
  "PriceModel": "UserBased",
  "ContractId": "8003H000000MYXIQA4",
  "ContractNumber": "00081214",
  "StartDate": "2022-01-06",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "64ebdf80-6ef7-11ec-8f3c-93de42d531e7",
  "AccountName": "Mraz LLC",
  "LmsId": null,
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Garry",
    "LastName": "Littel",
    "Email": "nannie.vonrueden@yahoo.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H011000J4ABUA0",
      "Name": "SUB-0042401",
      "ContractId": "8003H000000MYXIQA4",
      "ContractNumber": "00081214",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "User based Pricing1",
      "ProductCode": "IHUBP",
      "ParentProductCode": "IHUBP",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23",
      "UserLimit": "63983"
    },
    {
      "Id": "a4V3H011000J4ABUA1",
      "Name": "SUB-0042403",
      "ContractId": "8003H000000MYXIQA4",
      "ContractNumber": "00081214",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "BeSpoke Product",
      "ProductCode": "IHBS",
      "ParentProductCode": "IHUBP",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
```

```
      }
    ]
}
```

User-based Pricing: Activate Service for Existing Client

```json
{
  "EventType": "ContractActivated",
  "PriceModel": "UserBased",
  "ContractId": "8003H000000MYXIQA4",
  "ContractNumber": "00081214",
  "StartDate": "2022-01-06",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "aabb12345678",
  "AccountName": "Cummings, Predovic and Shanahan",
  "LmsId": "965",
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Enrique",
    "LastName": "Hintz",
    "Email": "ike_okon@gmail.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H011000J4ABUA0",
      "Name": "SUB-0042401",
      "ContractId": "8003H000000MYXIQA4",
      "ContractNumber": "00081214",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "User based Pricing1",
      "ProductCode": "IHUBP",
      "ParentProductCode": "IHUBP",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23",
      "UserLimit": "7532"
    },
    {
      "Id": "a4V3H011000J4ABUA1",
      "Name": "SUB-0042403",
      "ContractId": "8003H000000MYXIQA4",
      "ContractNumber": "00081214",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "BeSpoke Product",
      "ProductCode": "IHBS",
      "ParentProductCode": "IHUBP",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    }
  ]
}
```

User-based Pricing: Amend Service

```json
{
  "EventType": "ContractAmended",
  "PriceModel": "UserBased",
  "ContractId": "8003H000000MYXIQA4",
  "ContractNumber": "00081214",
  "StartDate": "2022-02-15",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "aabb12345678",
  "AccountName": "O'Conner - Zieme",
  "LmsId": "965",
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Julia",
    "LastName": "Waters",
    "Email": "dortha88@hotmail.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H011000J4ABUA0",
      "Name": "SUB-0042401",
      "ContractId": "8003H000000MYXIQA4",
      "ContractNumber": "00081214",
      "StartDate": "2022-02-15",
      "EndDate": "2030-09-23",
      "ProductName": "User based Pricing1",
      "ProductCode": "IHUBP",
      "ParentProductCode": "IHUBP",
      "ServiceStartDate": "2022-02-15",
      "ServiceEndDate": "2030-09-23",
      "UserLimit": "68333"
    },
    {
      "Id": "a4V3H011000J4ABUA1",
      "Name": "SUB-0042403",
      "ContractId": "8003H000000MYXIQA4",
      "ContractNumber": "00081214",
      "StartDate": "2022-02-15",
      "EndDate": "2030-09-23",
      "ProductName": "BeSpoke Product",
      "ProductCode": "IHBS",
      "ParentProductCode": "IHUBP",
      "ServiceStartDate": "2022-02-15",
      "ServiceEndDate": "2030-09-23"
    }
  ]
}
```

Open-license: Activate Service for New Client

```json
{
  "EventType": "ContractActivated",
  "PriceModel": "OpenLicense",
  "ContractId": "8003H000000MYEIQA4",
  "ContractNumber": "00081212",
  "StartDate": "2022-01-06",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "c348be10-6ef5-11ec-8f3c-93de42d531e7",
  "AccountName": "Koelpin Group",
  "LmsId": null,
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Marquis",
    "LastName": "Swaniawski",
    "Email": "maia_franecki@gmail.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H000000J4ABUA0",
      "Name": "SUB-0042471",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "Credit based Pricing",
      "ProductCode": "IHCBP",
      "ParentProductCode": "IHCBP",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA1",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "Access ten courses",
      "ProductCode": "Access10",
      "ParentProductCode": "IHCBP",
```

```
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA2",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "Additional course access",
      "ProductCode": "AccessKEYACA",
      "Quantity": 5,
      "ParentProductCode": "IHCBP",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    }
  ],
  "CreditPurchases": [
    {
      "LineItemId": "a4V3H000000J4ABUA0",
      "PurchaseDate": "2022-01-06",
      "Quantity": "3690"
    }
  ]
}
```

Open-license: Activate Service for Existing Client

```
{
  "EventType": "ContractActivated",
  "PriceModel": "OpenLicense",
  "ContractId": "8003H000000MYEIQA4",
  "ContractNumber": "00081212",
  "ContractStartDate": "2022-01-06",
  "ContractEndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "xxyy123456",
  "AccountName": "Weimann, Hills and Glover",
  "LmsId": "935",
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Lester",
    "LastName": "Rogahn",
    "Email": "aleen.connelly@hotmail.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H000000J4ABUA0",
      "Name": "SUB-0042471",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "Credit based Pricing",
      "ProductCode": "IHCBP",
      "ParentProductCode": "IHCBP",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA1",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "All Course Access Key",
      "ProductCode": "AccessKEYALL",
      "ParentProductCode": "IHCBP",
```

```
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    }
  ],
  "CreditPurchases": [
    {
      "LineItemId": "a4V3H000000J4ABUA0",
      "PurchaseDate": "2022-01-06",
      "Quantity": "42679"
    }
  ]
}
```

Open-license: Amend Service

```
{
  "EventType": "ContractAmended",
  "PriceModel": "OpenLicense",
  "ContractId": "8003H000000MYEIQA4",
  "ContractNumber": "00081222",
  "StartDate": "2022-02-15",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "xxyy123456",
  "AccountName": "Hauck, Murray and Konopelski",
  "LmsId": "935",
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Maeve",
    "LastName": "Grant",
    "Email": "magali.feest21@yahoo.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H000000J4ABUA0",
      "Name": "SUB-0042471",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081222",
      "StartDate": "2022-02-15",
      "EndDate": "2030-09-23",
      "ProductName": "Open License",
      "ProductCode": "IHCBP",
      "ParentProductCode": "IHCBP",
      "ServiceStartDate": "2022-02-15",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA0",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081222",
      "StartDate": "2022-02-15",
      "EndDate": "2030-09-23",
      "ProductName": "All Course Subscription",
      "ProductCode": "AccessKEYALL",
      "ParentProductCode": "IHCBP",
      "ServiceStartDate": "2022-02-15",
      "ServiceEndDate": "2030-09-23"
    }
  ],
  "CreditPurchases": [
    {
      "LineItemId": "a4V3H000000J4ABUA0",
```

```
        "PurchaseDate": "2022-02-15",
        "Quantity": "89"
    }
  ]
}
```

Restricted-license: Activate Service for New Client

```json
{
  "EventType": "ContractActivated",
  "PriceModel": "RestrictedLicense",
  "ContractId": "8003H000000MYEIQA4",
  "ContractNumber": "00081212",
  "StartDate": "2022-01-06",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "cdc37900-6ef7-11ec-8f3c-93de42d531e7",
  "AccountName": "Maggio - Lueilwitz",
  "LmsId": null,
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Skye",
    "LastName": "Schmeler",
    "Email": "aiden.hamill42@gmail.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H000000J4ABUA0",
      "Name": "SUB-0042471",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "40016 At minus cupiditate laudantium.",
      "ProductCode": "IH-RPM-98",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA0",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "92036 Alias ducimus qui ab velit adipisci illum minima.",
      "ProductCode": "IH-RPM-100",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA1",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
```

```json
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "123 Laudantium aspernatur velit consectetur dicta.",
      "ProductCode": "IH-RPM-100",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    }
  ],
  "CreditPurchases": [
    {
      "LineItemId": "a4V3H000000J4ABUA0",
      "PurchaseDate": "2022-01-06",
      "Quantity": "69856"
    },
    {
      "LineItemId": "a4V3H000000J4ACUA1",
      "PurchaseDate": "2022-01-06",
      "Quantity": "20120"
    }
  ]
}
```

Restricted-license: Activate Service for Existing Client

```json
{
  "EventType": "ContractActivated",
  "PriceModel": "RestrictedLicense",
  "ContractId": "8003H000000MYEIQA4",
  "ContractNumber": "00081212",
  "StartDate": "2022-01-06",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "yyzz123456",
  "AccountName": "Ledner, Gleichner and Hermiston",
  "LmsId": "7189",
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Asha",
    "LastName": "Bins",
    "Email": "lucienne_kuvalis78@yahoo.com",
    "Phone": "151-818-9505"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H000000J4ABUA0",
      "Name": "SUB-0042471",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "3878 Quia perspiciatis nostrum.",
      "ProductCode": "IH-RPM-98",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA0",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "12857 Dicta sed minus eveniet sint sit repellat.",
      "ProductCode": "IH-RPM-100",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA1",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
```

```json
      "ContractNumber": "00081212",
      "StartDate": "2022-01-06",
      "EndDate": "2030-09-23",
      "ProductName": "123 Eum voluptatem fugiat.",
      "ProductCode": "IH-RPM-100",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-01-06",
      "ServiceEndDate": "2030-09-23"
    }
  ],
  "CreditPurchases": [
    {
      "LineItemId": "a4V3H000000J4ABUA0",
      "PurchaseDate": "2022-01-06",
      "Quantity": "71926"
    },
    {
      "LineItemId": "a4V3H000000J4ACUA1",
      "PurchaseDate": "2022-01-06",
      "Quantity": "87724"
    }
  ]
}
```

Restricted-license: Amend Service

```json
{
  "EventType": "ContractAmended",
  "PriceModel": "RestrictedLicense",
  "ContractId": "8003H000000MYEIQA4",
  "ContractNumber": "00081212",
  "StartDate": "2022-02-15",
  "EndDate": "2030-09-23",
  "SourceOpportunityId": "0063H000006c5ZTQAY",
  "AccountId": "yyzz123456",
  "AccountName": "Herman - Stoltenberg",
  "LmsId": "7215",
  "PrimaryContact": {
    "Id": "0033H00000DfF4xQAF",
    "FirstName": "Bettie",
    "LastName": "Simonis",
    "Email": "nicholas.graham16@gmail.com",
    "Phone": "+76 113-598-516"
  },
  "SalesRepresentative": {
    "FirstName": "Testing",
    "LastName": "Sales",
    "Email": "testing-sales@example.com",
    "Phone": "+151-818-9505"
  },
  "LineItems": [
    {
      "Id": "a4V3H000000J4ABUA0",
      "Name": "SUB-0042471",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-02-15",
      "EndDate": "2030-09-23",
      "ProductName": "400 Sunt possimus voluptatem.",
      "ProductCode": "IH-RPM-400",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-02-15",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA0",
      "Name": "SUB-0042472",
      "ContractId": "8003H000000MYEIQA4",
      "ContractNumber": "00081212",
      "StartDate": "2022-02-15",
      "EndDate": "2030-09-23",
      "ProductName": "100 Modi et iste mollitia deleniti praesentium aut corrupti
expedita.",
      "ProductCode": "IH-RPM-100",
      "ParentProductCode": "IHRPM",
      "ServiceStartDate": "2022-02-15",
      "ServiceEndDate": "2030-09-23"
    },
    {
      "Id": "a4V3H000000J4ACUA1",
      "Name": "SUB-0042472",
```

```
        "ContractId": "8003H000000MYEIQA4",
        "ContractNumber": "00081212",
        "StartDate": "2022-02-15",
        "EndDate": "2030-09-23",
        "ProductName": "104 Sed dolores quam qui.",
        "ProductCode": "IH-RPM-104",
        "ParentProductCode": "IHRPM",
        "ServiceStartDate": "2022-02-15",
        "ServiceEndDate": "2030-09-23"
    }
  ],
  "CreditPurchases": [
    {
      "LineItemId": "a4V3H000000J4ABUA0",
      "PurchaseDate": "2022-02-15",
      "Quantity": "72827"
    },
    {
      "LineItemId": "a4V3H000000J4ACUA1",
      "PurchaseDate": "2022-02-15",
      "Quantity": "34425"
    }
  ]
}
```