# General process

1. Each call to Liferay server must use HTTP Basic Authentication (except for countries List).
2. As first step, mobile application has to create an individual "Annual Check Account" on Liferay server, for each user managing equipments. For this call, mobile application has to use a **dedicated system user**, as HTTP Basic Authentication Header.
3. Then, mobile application is be able to update user's data and equipments. For this call, mobile application has have to use the **user's email /password,** as HTTP Basic Authentication Header.

If authentication does not match the entity (user, equipment) to update, this kind of JSON message will be returned:

{

"exception": "com.liferay.portal.security.auth.PrincipalException",

"message": "com.liferay.portal.security.auth.PrincipalException"

}

If authentication fails because of wrong email/password, this kind of JSON message will be returned:

{

"exception": "java.lang.SecurityException",

"message": "Authenticated access required"

}

**Note about environments:**

In Pre-production environment:

* {BASE\_URL} => <http://172.17.17.140:8080/>
* {SYSTEM\_LOGIN} / {SYSTEM\_PASSWORD} => annualcheckserviceadmin/annualcheckserviceadmin

In Production environment:

* {BASE\_URL} => <https://www.deltaplus.eu/>
* {SYSTEM\_LOGIN} / {SYSTEM\_PASSWORD} : TODO

# Webservice to create Annual Check Account

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/deltaplus-deltaweb-annualCheck-portlet.annualcheckuseraccount/create-annual-check-account** |
| **Type** | HTTP POST |
| **Authentication** | Basic with {SYSTEM\_LOGIN} / {SYSTEM\_PASSWORD} |
| **Parameters** | As form-data parameters :  **emailAddress** (String, mandatory)  **firstName** (String, mandatory)  **lastName** (String, mandatory)  **password** (String, mandatory)  **jobTitle** (String)  **company** (String)  **street1** (String)  **zip** (String)  **city** (String)  **country** (String, matching one of countryId from webservice **/country/get-countries**)  **phoneNumber** (String)  **phoneExtension**  (String)  **faxNumber** (String)  **faxExtension** (String)  **companyActivity**  (String)  **companyWorkforce** (String)  **companyTurnover** (String)  **comment** (String)  **contactWish** (String, put "Mail")  **languageCode** (String representing the language ISO code on 2 digits) |
| **Result** | **Long : User id** of the created user. This id is has to be kept on device and to be sent for further update operations. |

Example:

|  |  |
| --- | --- |
| **Parameters** | emailAddress:b.chaffangeon@ordirope.fr  firstName:brice  lastName:chaffangeon  password:abc123  jobTitle:Project Manager  company:Ordirope - Gfi  street1:59 quai Claude Bernard  zip:38200  city:Vienne  country:3  phoneNumber:0472533428  phoneExtension:  faxNumber:  faxExtension:  companyActivity:ERP Editor  companyWorkforce:110  companyTurnover:  comment:  contactWish:Mail  languageCode:fr |
| **Result** | 122002 |

# Webservice to update Annual Check Account

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/deltaplus-deltaweb-annualCheck-portlet.annualcheckuseraccount/update-annual-check-account** |
| **Type** | HTTP POST |
| **Authentication** | Basic with {USER\_EMAIL} / {USER\_PASSWORD} |
| **Parameters** | As form-data parameters :  **Note** : be careful to pass all parameters, even if there are no change. Passing an empty value will erase previous value.  **userId** (long, mandatory, representing the user id to update).  **emailAddress** (String, mandatory)  **firstName** (String, mandatory)  **lastName** (String, mandatory)  **jobTitle** (String)  **company** (String)  **street1** (String)  **zip** (String)  **city** (String)  **country** (String, matching one of countryId from webservice **/country/get-countries**)  **phoneNumber** (String)  **phoneExtension**  (String)  **faxNumber** (String)  **faxExtension** (String)  **companyActivity**  (String)  **companyWorkforce** (String)  **companyTurnover** (String)  **comment** (String)  **contactWish** (String, put "Mail")  **languageCode** (String representing the language ISO code on 2 digits)  **oldPassword** (String, not mandatory)  **newPassword** (String, not mandatory) |
| **Result** | * **OK : JSON updated user's details** * **KO (userId not matching the corresponding userId)** :   {  "exception": "com.liferay.portal.security.auth.PrincipalException",  "message": "com.liferay.portal.security.auth.PrincipalException"  }   * **KO (wrong email/password) :**   {  "exception": "java.lang.SecurityException",  "message": "Authenticated access required"  } |

Example:

|  |  |
| --- | --- |
| **Parameters** | userId:121745  emailAddress:brice.chaffangeon@gmail.com  firstName:brice  lastName:chaffangeon  jobTitle:Project Manager  company:Ordirope  street1:120 rue gambetta  zip:69007  city:Lyon  country:  phoneNumber:0666243554  phoneExtension:  faxNumber:  faxExtension:  companyActivity:  companyWorkforce:  companyTurnover:  comment:  contactWish:Mail  languageCode:fr  oldPassword:abc123  newPassword:test456 |
| **Result** | {  "addressStreet1": "14 allée des chevreuils",  "city": "Chasse",  "comment": "",  "company": "Ordirope",  "companyactivity": "",  "companyturnover": "",  "companyworkforce": "",  "contactwish": "Mail",  "countryId": 78,  "createDate": 1462970439105,  "emailAddress": "brice.chaffangeon@gmail.com",  "faxExtension": "",  "faxNumber": "",  "firstName": "brice",  "jobTitle": "Project Manager",  "languageId": "fr\_FR",  "lastName": "chaffangeon",  "modifiedDate": 1462977410481,  "phoneExtension": "",  "phoneNumber": "0666243554",  "userId": 121745,  "zip": "38670"  } |

# Webservice to get an Annual Check Account

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/deltaplus-deltaweb-annualCheck-portlet.annualcheckuseraccount/get-annual-check-account** |
| **Type** | HTTP POST |
| **Authentication** | Basic with {USER\_EMAIL} / {USER\_PASSWORD} |
| **Parameters** | As form-data parameters :  **userId** (long, mandatory, representing the user id to update). |
| **Result** | * **OK : JSON updated user's details** * **KO (userId not matching the corresponding userId)** :   {  "exception": "com.liferay.portal.security.auth.PrincipalException",  "message": "com.liferay.portal.security.auth.PrincipalException"  }   * **KO (wrong email/password) :**   {  "exception": "java.lang.SecurityException",  "message": "Authenticated access required"  } |

Example:

|  |  |
| --- | --- |
| **Parameters** | userId:121745 |
| **Result** | {  "addressStreet1": "14 allée des chevreuils",  "city": "Chasse",  "comment": "",  "company": "Ordirope",  "companyactivity": "",  "companyturnover": "",  "companyworkforce": "",  "contactwish": "Mail",  "countryId": 78,  "createDate": 1462970439105,  "emailAddress": "brice.chaffangeon@gmail.com",  "faxExtension": "",  "faxNumber": "",  "firstName": "brice",  "jobTitle": "Project Manager",  "languageId": "fr\_FR",  "lastName": "chaffangeon",  "modifiedDate": 1462977410481,  "phoneExtension": "",  "phoneNumber": "0666243554",  "userId": 121745,  "zip": "38670"  } |

# Webservice to get all countries List

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/country/get-countries** |
| Type | HTTP GET |
| Authentication | Not needed |
| Parameters | None |
| Result | JSON Array of countries.  Important fields are :   * **nameCurrentValue** : name of the country * **countryId** : id of the country, to pass in creation and update web services |

**Example**:

|  |  |
| --- | --- |
| Parameters |  |
| Result | [  {  "a2": "CN",  "a3": "CHN",  "active": true,  "countryId": 2,  "idd": "086",  "name": "china",  "nameCurrentValue": "China",  "number": "156",  "zipRequired": true  },  {  "a2": "FR",  "a3": "FRA",  "active": true,  "countryId": 3,  "idd": "033",  "name": "france",  "nameCurrentValue": "France",  "number": "250",  "zipRequired": true  }  ] |

# Webservice to create Equipment

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/deltaplus-deltaweb-annualCheck-portlet.equipment/create-equipment** |
| **Type** | HTTP POST |
| **Authentication** | Basic with {USER\_EMAIL} / {USER\_PASSWORD} |
| **Parameters** | As form-data parameters :  **reference** (String, mandatory)  **brand** (String, mandatory)  **designation** A (String, mandatory)  **description** (String)  **lotNumber** (String)  **userName** (String, mandatory)  **retailerName** (String, mandatory)  **retailerParticulars** (String, mandatory, representing the retailer's address)  **observation** (String, comments)  **manufacturingMonth** (int, mandatory, representing the manufacturing month)  **manufacturingDay** (int, mandatory, representing the manufacturing day)  **manufacturingYear** (int, mandatory, representing the manufacturing year)  **firstUsageMonth** (int, mandatory, representing the first usage month)  **firstUsageDay** (int, mandatory, representing the first usage day)  **firstUsageYear** (int, mandatory, representing the first usage year year)  **lastcontrolDateMonth** (int, mandatory, representing the last control month)  **lastcontrolDateDay** (int, mandatory, representing the last control day)  **lastcontrolDateYear** (int, mandatory, representing the last control year) |
| **Result** | * **OK : JSON of the created equipment's details** * **KO (wrong email/password) :**   {  "exception": "java.lang.SecurityException",  "message": "Authenticated access required"  } |

Example:

|  |  |
| --- | --- |
| **Parameters** | reference:Reference A  brand:Brand B NEW!!!  description:Description 1  designation:Designation A  lotNumber:ABC123  userName:bch444  retailerName:brico marché  retailerParticulars:chasse  observation:commentaires  manufacturingMonth:9  manufacturingDay:23  manufacturingYear:1984  firstUsageMonth:9  firstUsageDay:23  firstUsageYear:2002  lastcontrolDateMonth:9  lastcontrolDateDay:23  lastcontrolDateYear:2008 |
| **Result** | {  "brand": "Brand B NEW!!!",  "createDate": 1463493004514,  "description": "Description 1",  "designation": "Designation A",  **"equipmentId": 401,**  "firstcommissioningdate": 1035331200000,  "lastNotificationDate": null,  "lastcontroldate": 1224720000000,  "lotnumber": "ABC123",  "manufacturingdate": 467337600000,  "modifiedDate": 1463494464079,  "nextcontroldate": 1477180800000,  "observation": "commentaires",  "reference": "Reference A",  "retailername": "brico marché",  "retailerparticulars": "chasse",  "userId": 121745,  "username": "bch444"  } |

# Webservice to update Equipment

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/deltaplus-deltaweb-annualCheck-portlet.equipment/update-equipment** |
| **Type** | HTTP POST |
| **Authentication** | Basic with {USER\_EMAIL} / {USER\_PASSWORD} |
| **Parameters** | As form-data parameters :  **Note**: be careful to pass all parameters, even if there are no change. Passing an empty value will erase previous value.  **equipmentId** (int, mandatory, representing the id of equipment to update)  **reference** (String, mandatory)  **brand** (String, mandatory)  **designation** A (String, mandatory)  **description** (String)  **lotNumber** (String)  **userName** (String, mandatory)  **retailerName** (String, mandatory)  **retailerParticulars** (String, mandatory, representing the retailer's address)  **observation** (String, comments)  **manufacturingMonth** (int, mandatory, representing the manufacturing month)  **manufacturingDay** (int, mandatory, representing the manufacturing day)  **manufacturingYear** (int, mandatory, representing the manufacturing year)  **firstUsageMonth** (int, mandatory, representing the first usage month)  **firstUsageDay** (int, mandatory, representing the first usage day)  **firstUsageYear** (int, mandatory, representing the first usage year year)  **lastcontrolDateMonth** (int, mandatory, representing the last control month)  **lastcontrolDateDay** (int, mandatory, representing the last control day)  **lastcontrolDateYear** (int, mandatory, representing the last control year)  **delete** (Boolean, mandatory, true to delete the equipment, false otherwise) |
| **Result** | * **OK : JSON of the updated equipment's details** * **KO (no existing equipmentId for user) :**   {  "exception": "com.liferay.portal.kernel.exception.PortalException",  "message": "No equipment with id 301 for userId 121745"  }   * **KO (wrong email/password) :**   {  "exception": "java.lang.SecurityException",  "message": "Authenticated access required"  } |

Example:

|  |  |
| --- | --- |
| **Parameters** | equipmentId:401  reference:Reference A  brand:Brand B NEW!!!  description:Description 1  designation:Designation A  lotNumber:ABC123  userName:bch444  retailerName:brico marché  retailerParticulars:chasse  observation:commentaires  manufacturingMonth:9  manufacturingDay:23  manufacturingYear:1984  firstUsageMonth:9  firstUsageDay:23  firstUsageYear:2002  lastcontrolDateMonth:9  lastcontrolDateDay:23  lastcontrolDateYear:2008  delete:false |
| **Result** | {  "brand": "Brand B NEW!!!",  "createDate": 1463493004514,  "description": "Description 1",  "designation": "Designation A",  **"equipmentId": 401,**  "firstcommissioningdate": 1035331200000,  "lastNotificationDate": null,  "lastcontroldate": 1224720000000,  "lotnumber": "ABC123",  "manufacturingdate": 467337600000,  "modifiedDate": 1463494464079,  "nextcontroldate": 1477180800000,  "observation": "commentaires",  "reference": "Reference A",  "retailername": "brico marché",  "retailerparticulars": "chasse",  "userId": 121745,  "username": "bch444"  } |

# Webservice to get Equipment

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/deltaplus-deltaweb-annualCheck-portlet.equipment/get-equipment-by-id** |
| **Type** | HTTP POST |
| **Authentication** | Basic with {USER\_EMAIL} / {USER\_PASSWORD} |
| **Parameters** | As form-data parameters :  **equipmentId** (int, mandatory, representing the id of equipment to update) |
| **Result** | * **OK : JSON of the equipment's details** * **KO (no existing equipmentId for user) :**   {  "exception": "com.liferay.portal.kernel.exception.PortalException",  "message": "No equipment with id 301 for userId 121745"  }   * **KO (wrong email/password) :**   {  "exception": "java.lang.SecurityException",  "message": "Authenticated access required"  } |

Example:

|  |  |
| --- | --- |
| **Parameters** | equipmentId:401 |
| **Result** | {  "brand": "Brand B NEW!!!",  "createDate": 1463493004514,  "description": "Description 1",  "designation": "Designation A",  **"equipmentId": 401,**  "firstcommissioningdate": 1035331200000,  "lastNotificationDate": null,  "lastcontroldate": 1224720000000,  "lotnumber": "ABC123",  "manufacturingdate": 467337600000,  "modifiedDate": 1463494464079,  "nextcontroldate": 1477180800000,  "observation": "commentaires",  "reference": "Reference A",  "retailername": "brico marché",  "retailerparticulars": "chasse",  "userId": 121745,  "username": "bch444"  } |

# Webservice to get all Equipments

|  |  |
| --- | --- |
| **URL** | **{BASE\_URL}/api/jsonws/deltaplus-deltaweb-annualCheck-portlet.equipment/** **get-equipments** |
| **Type** | HTTP POST |
| **Authentication** | Basic with {USER\_EMAIL} / {USER\_PASSWORD} |
| **Parameters** | As form-data parameters :  **start** (int, mandatory, the start offset for result list)  **end** (int, mandatory, the end position for result list) |
| **Result** | * **OK : JSON Array of the equipment's list (with full details for each)** * **KO (wrong email/password) :**   {  "exception": "java.lang.SecurityException",  "message": "Authenticated access required"  } |

Example:

|  |  |
| --- | --- |
| **Parameters** | start:0  end:1 |
| **Result** | [  {  "brand": "DELTAPLUS",  "createDate": 1463146869000,  "description": "gants",  "designation": "Gants VE802",  "equipmentId": 201,  "firstcommissioningdate": 1463097600000,  "lastNotificationDate": null,  "lastcontroldate": 1463097600000,  "lotnumber": "005",  "manufacturingdate": 1463097600000,  "modifiedDate": 1463146869000,  "nextcontroldate": 1494633600000,  "observation": "",  "reference": "test equipement 1",  "retailername": "titi",  "retailerparticulars": "tata",  "userId": 121745,  "username": "toto"  }  ] |