

# Automating SAP Transactions with URL on Liquid UI Android & IOS

## Purpose

To automate Steps in the transaction using URL to minimize user interaction and increase the cost and time savings.

## User Interface

Liquid UI for Android & IOS.

## Automation via URL

Liquid UI for Android will parse the URL and perform require function depending on tcode, fields value and action definition. All the required information is included in the URL and pass to the SAP. The app requires sap login credentials.

## **Example:**

Open link below in a web browser on your Android/IOS device which has Liquid UI installed.

```
<a href='sapr3://r3/target?gui=/H/SAPAPPSEVER/S/3600/G/SPACE&client=800&user=username &password=userpassword&language=EN&command=VA03;VBAK-VBELN=ordernumber;enter';>Display Sales Order</a>
```

You will be navigated to specified SAP transaction with values assigned to fields and actions carried out as specified in the URL.

Note: On IOS you will see a pop up click on "open" on this popup to launch Liquid UI app.

## **Web URL Parameters**

Liquid UI follows its own connection parameter in its URL as below.

sapr3:// : Tell browser to open link through LUI app

//r3/target?gui : Specify the target server you want to connect

/H/Servername : Application server configuration

/M/Servername : Message server configuration

/S/3224 : Saproxy Port configuration

Client : specifies Liquid UI Client number such as 800

User : needs to provide user name beside this parameter

Password : needs to provide password beside this parameter

Language : specify the language such as EN

Command : it can be transaction or system command

## **Example URLs:**

### **Message Server:**

```
<a href='sapr3://r3/target?gui=/M/SAPMSGSERVER/S/3600/G/SPACE&client=800&user=luiuser&password=luipassword&language=EN&command=VA03;enter'>Connect to SAP Message Server</a>
```

### **Application Server**

```
<a href='sapr3://r3/target?gui=/H/SAPAPPSERVER/S/3200&client=800&user=luiuser&password=luipassword&language=EN&command=VA03;enter'>Connect to SAP Application Server</a>
```

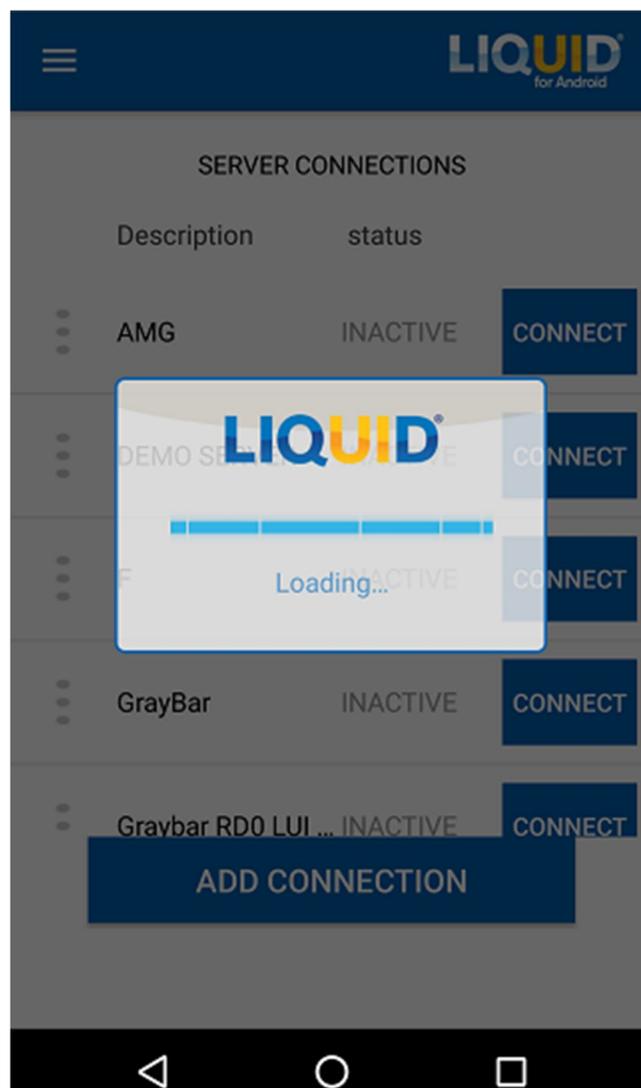
Note: Liquid UI app will only get connected to SAP if the connection parameters in URL matches with the connection configured on Liquid UI app.

## URL

<a href='sapr3://r3/target?gui=/H/SAPAPPSERVER/S/3224&client=800&user=luiuser&password=luipassword&language=EN&command=VA03;VBAK-VBELN=5235;enter';>Display Sales Order</a>

## Android

After clicking on link you see can app launching as below



You will be navigated to "VA03" second screen with details of order number "5235"

LIQUID Display Stan... Orders ENTER

Standard Order 5235 Net va  
Sold-to party 1175 Elektromarkt Bamby /  
Ship-to party 1175 Elektromarkt Bamby /  
PO Number Dg-19971022-2z PO dat

Sales Item detail Item o

Req. deliv.date D 01/01/2010 Deliver  
 Complete div. Total V  
Delivery block [dropdown] Volum  
Billing block [dropdown] Pricing  
Payment card [dropdown] Exp.da  
Payment terms ZB01 14 Days 3%, 30/2%, 45 Incote  
Order reason  
Sales area 1000 / 12 / 00 Germany Frank

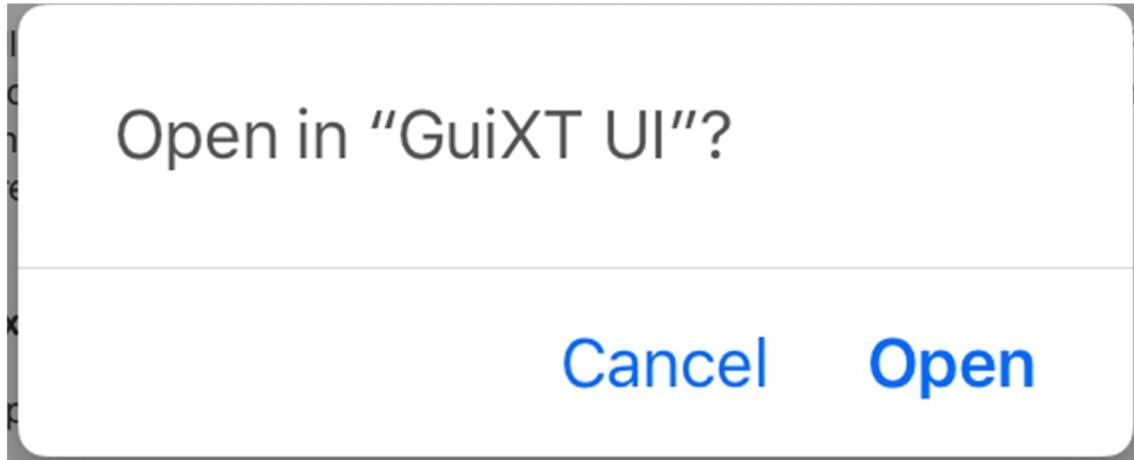
All items

ITEM	MATERIAL	ORDER QUANTITY	S
10	L-80F	1	CAR
20	L-60F	253	CAR
30	L-60F	4	CAR

S Consider the subsequent documents

IOS

After clicking on link a pop up appears click on "Open" to launch application as below



You will be navigated to "VA03" second screen with details of order number "5235"

Back  Enter

Orders

### Display Standard Order 5235: Overview

Standard Order	5235	Net value
Sold-to party	1175	Elektromarkt Bamby / Adlerstra
Ship-to party	1175	Elektromarkt Bamby / Adlerstra
PO Number	Dg-19971022-2z	PO date

Sales | Item detail | Item overview | Ordering party | Proc

Req. deliv.date	D	01.01.2010	Deliver.Plant
<input type="checkbox"/> Complete div.			Total Weight
Delivery block	03 Bottleneck mater...		Volume
Billing block	43 new price as of...		Pricing date
Payment card			Exp.date
Payment terms	zB01 14 Days 3%, 30/2%,...		Incoterms
Order reason	104 Material ruined		
Sales area	1000 / 12 / 00		Germany Frankfurt, Sold

All items

Item	Material	Order Quantity
10	L-80F	1
20	L-60F	253

Navigation icons

LiquidUI

TRX juneau