



Microsoft supporting UNeDocs through Microsoft® Office InfoPath™

***Smart client for on-line and off-line
processing of XML forms***

Zdenek Jiricek

Public Sector Manager, Microsoft Eastern Europe

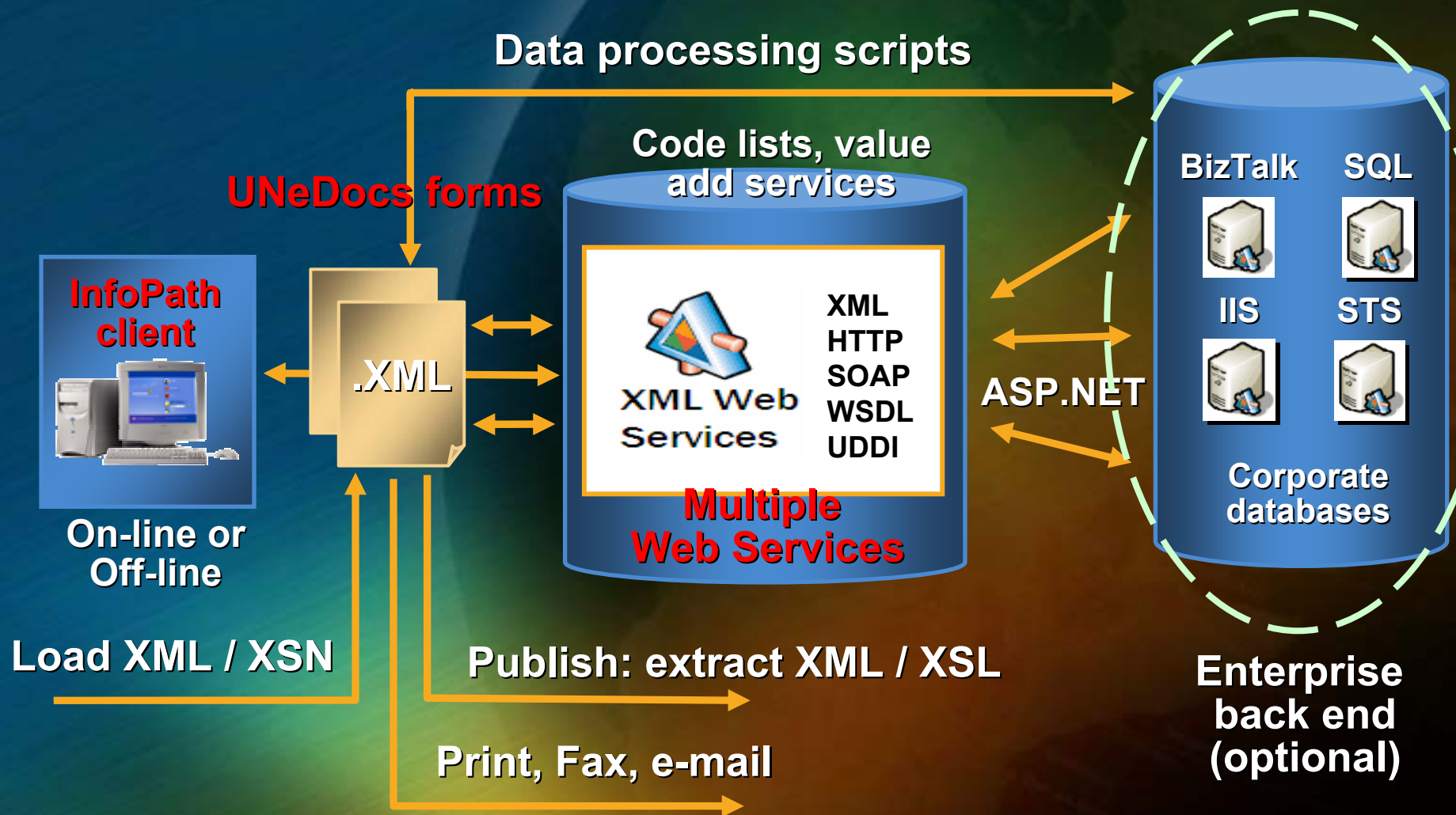
Trading Challenges Today

- ◆ **Data entry into various client apps multiple times**
 - ❖ Different client for different applications
 - ❖ Unnecessary re-typing and data entry errors
- ◆ **Custom forms hard to use, inflexible, costly to maintain**
 - ❖ Lacking rich editing experience
 - ❖ Static forms limit ability to provide required information
 - ❖ Difficult to modify existing forms and adjust processes
 - ❖ Custom coding required for validation
- ◆ **Hard to reuse data across business processes**
 - ❖ Requires significant development work

Opportunity for 3rd parties

- ◆ **Opportunity for ISV – solution providers**
 - ❖ **Electronic Customs Declaration, Single Window Concept**
 - ❖ **Enterprise trading applications (Acord, RosettaNet, HIPAA, HL7)**
- ◆ **Opportunity for value-add web services, eg:**
 - ❖ **Complex validation**
 - ❖ **Digital signature (eg. UPU Electronic PostMark)**
 - ❖ **Document Conversion to other standards**
 - ❖ **Check compliance with customs regulations**
 - ❖ **Electronic Duty payment**
 - ❖ **Customs submission / registration**

InfoPath as a Smart Client for UNeDocs and Web Services



Preview6 - Microsoft InfoPath

File Edit View Insert Format Tools Table Help Type a question for help

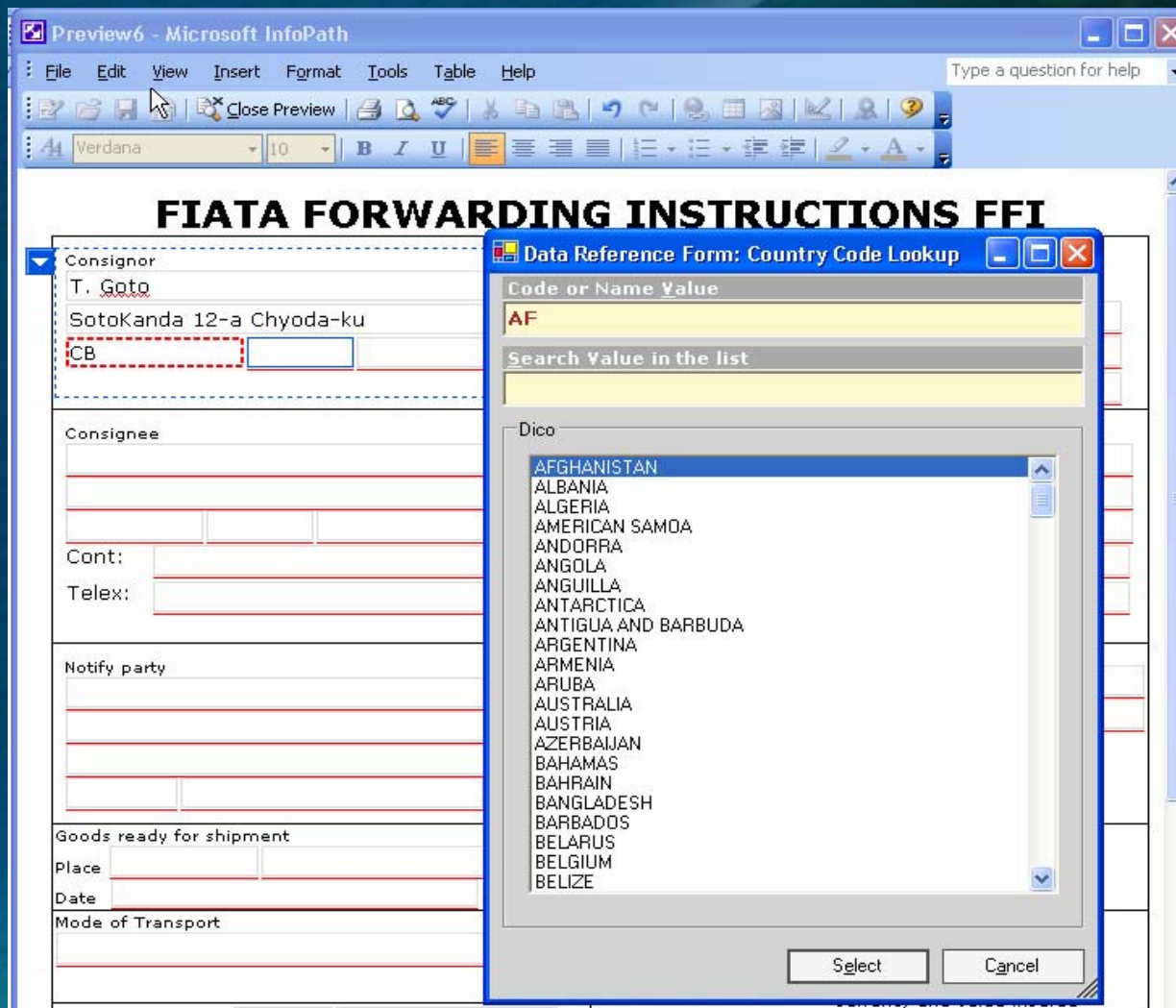
Close Preview

Verdana 10 B I U

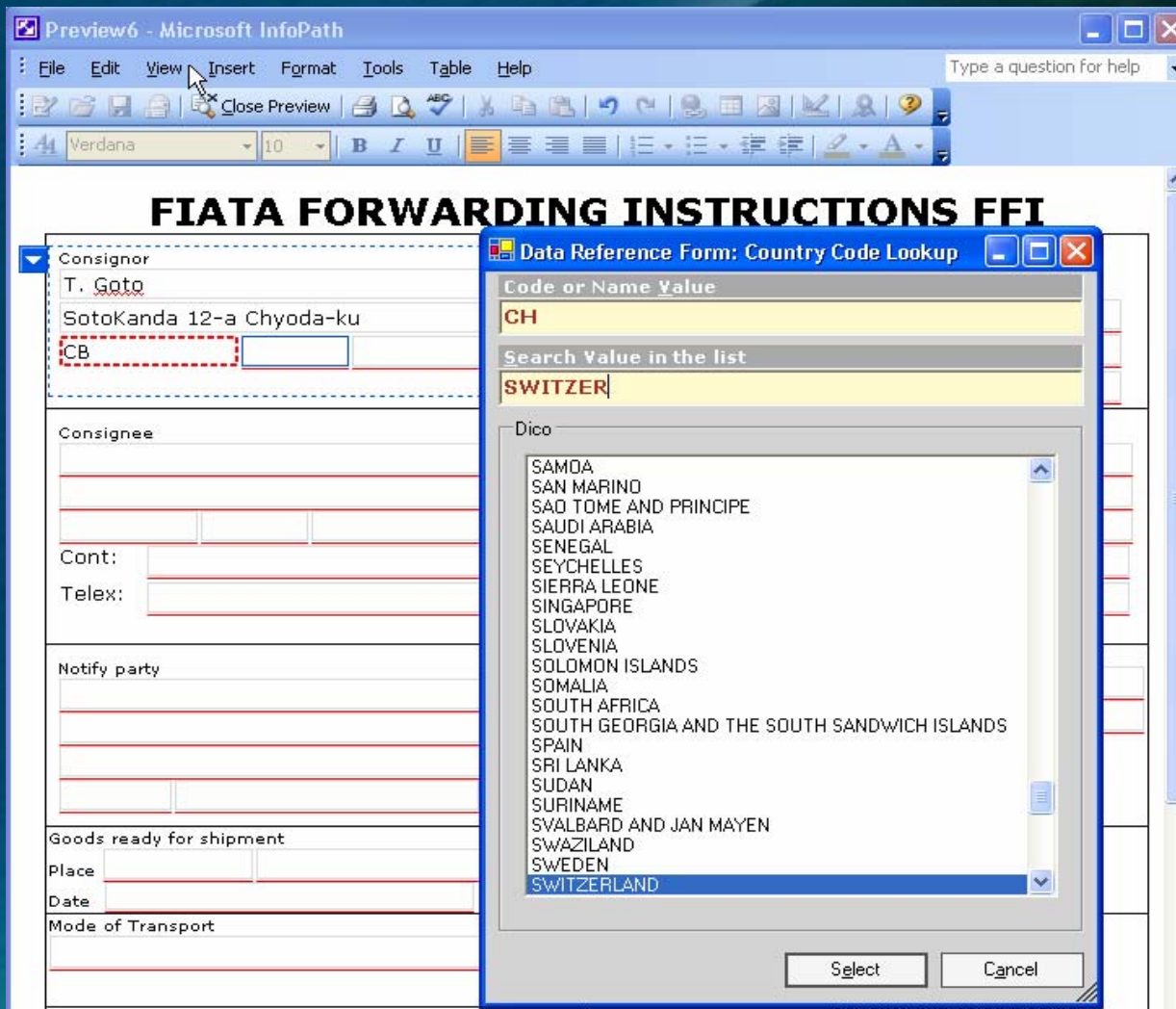
FIATA FORWARDING INSTRUCTIONS FFI

Consignor <input type="text" value="T. Goto"/> <input type="text" value="SotoKanda 12-a Chyoda-ku"/> <input type="text" value="CH"/>		(approved by Fiata) Consignor's references No. <input type="text"/> Cont: <input type="text"/> Phone: <input type="text"/>	
Consignee <input type="text"/> <input type="text"/> <input type="text"/> Cont: <input type="text"/> Telex: <input type="text"/>		Freight Forwarder <input type="text"/> <input type="text"/> <input type="text"/> Cont: <input type="text"/> Email: <input type="text"/>	

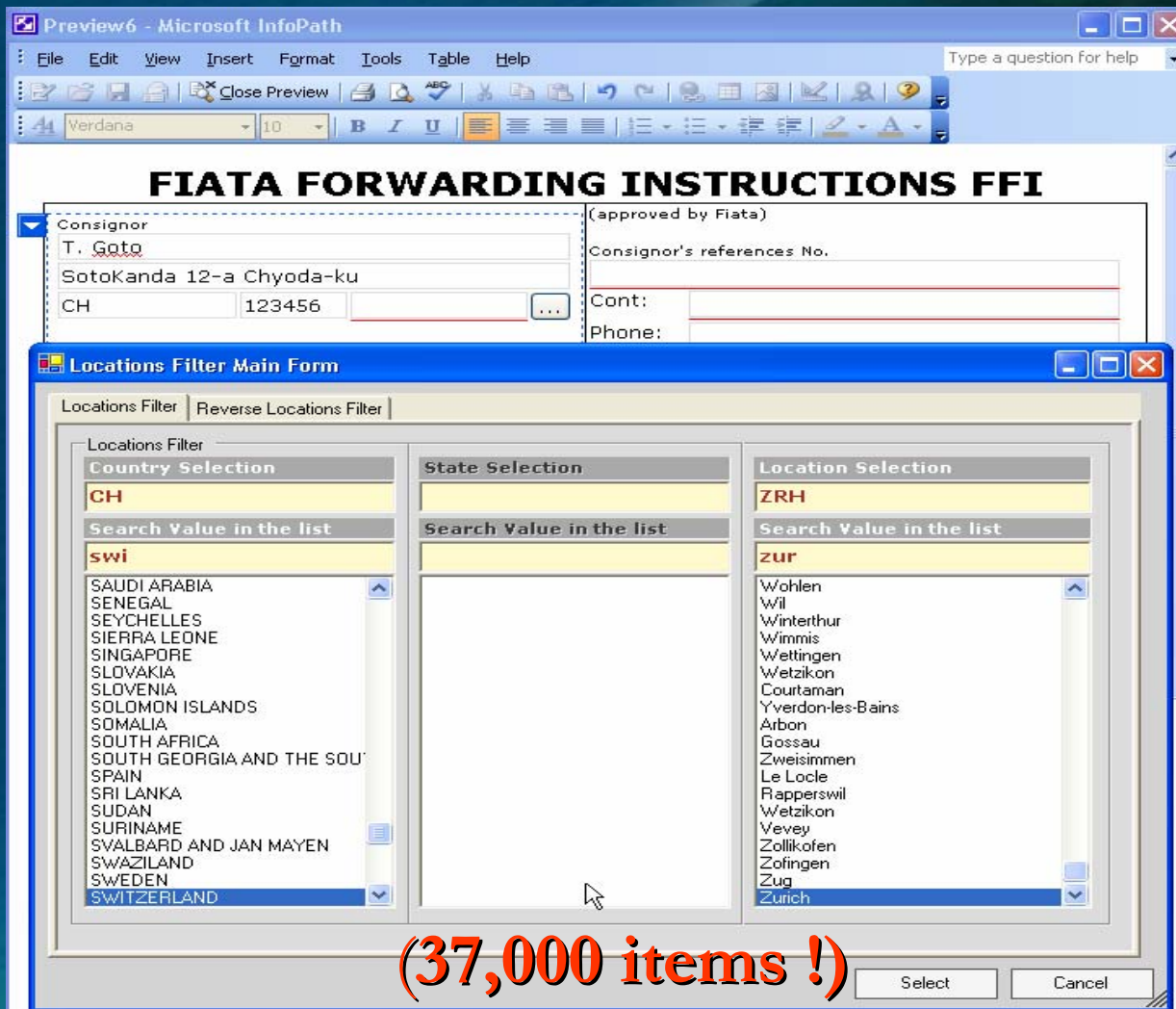
- ◆ Opening FIATA FFI sheet, filling in...
- ◆ A validation occurs in real time against a web service
 - ❖ Normal data entry if the code is correct



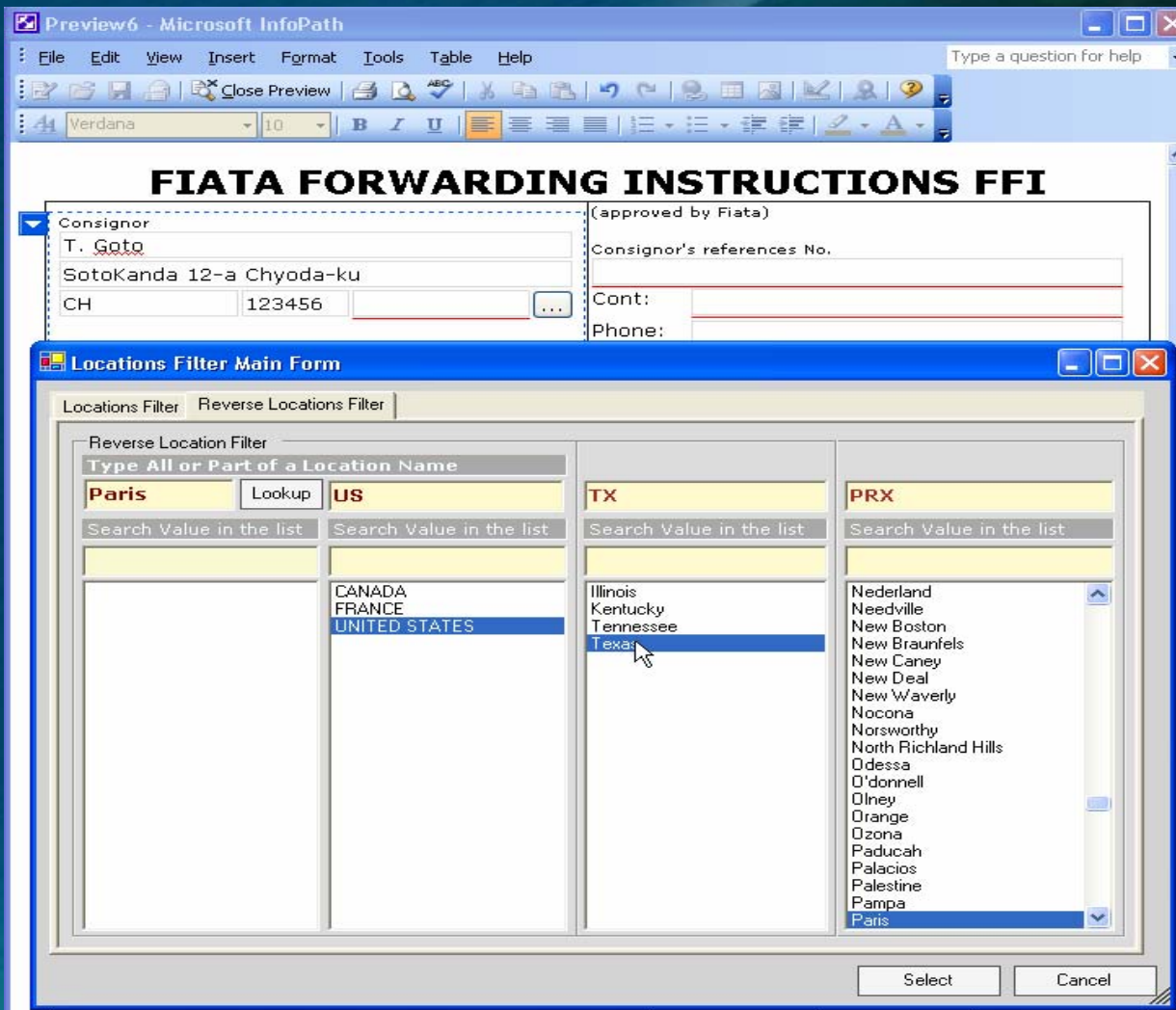
- ◆ If code not correct: field's border is colored in Red
- ◆ A dictionary form opens to help the user to „pick from the list“



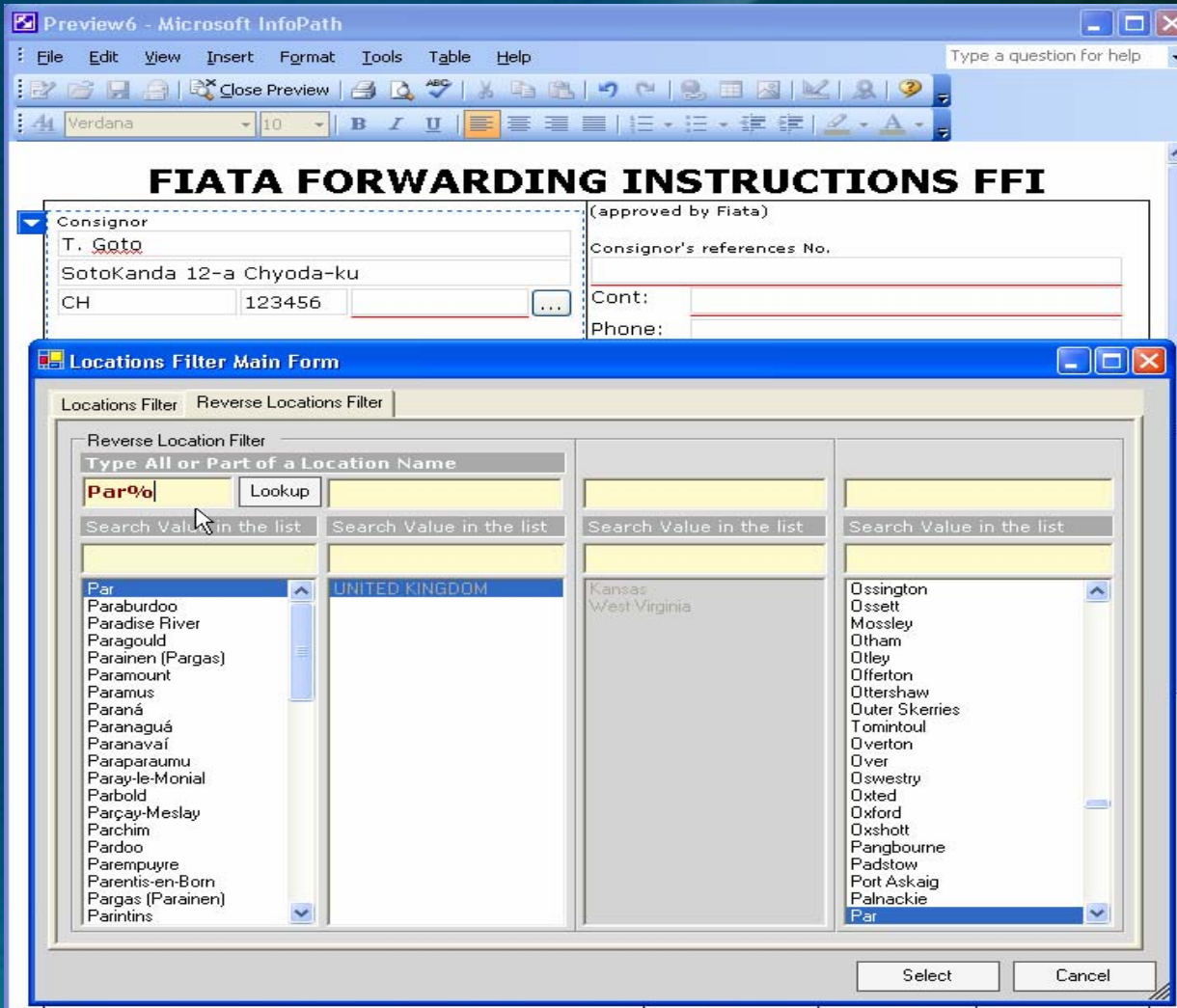
- ◆ Type in the first letter / jump to wanted code
- ◆ Continue typing – select the Country name



- ◆ Location field: example of Filtering from the list (37,000 items)
- ◆ Drop down list created and filled with data from Web Services
 - ❖ Multiple choices to retrieve the correct Location Code



- ◆ A reverse filter mode: user types all or part of the Location name
- ◆ This will fill the Country/State/Location



- ◆ A Search with a % (Joker) will search all the City Starting or containing the type Location Name

Preview6 - Microsoft InfoPath

File Edit View Insert Format Tools Table Help

Type a question for help

FIATA FORWARDING INSTRUCTIONS FFI

Consignor <input type="text" value="T. Goto"/> <input type="text" value="SotoKanda 12-a Chyoda-ku"/> <input type="text" value="CH"/> <input type="text" value="123456"/> <input type="text" value="PAR"/>		(approved by Fiata) Consignor's references No. <input type="text"/> Cont: <input type="text"/> Phone: <input type="text"/>	
Consignee <input type="text"/> <input type="text"/> <input type="text"/> Cont: <input type="text"/> Telex: <input type="text"/>		Freight Forwarder <input type="text"/> <input type="text"/> <input type="text"/> Cont: <input type="text"/> Email: <input type="text"/>	
Notify party <input type="text"/> <input type="text"/> <input type="text"/>		Country of origin <input type="text"/>	Documentary credit <input type="text"/> <input type="text"/>

- ◆ **Every Country, Currency, Unit of Measurement in the form will be validated the same way**

InfoPath benefits for UNeDocs

- ◆ **Gather information more efficiently & accurately**
 - ❖ Validation: via scripting or web services
 - ❖ Conditional formatting capabilities
 - ❖ Easy to implement digital signing (eg. UPU web service)
- ◆ **Manage information more flexibly**
 - ❖ On-line, Off-line & e-mail support
 - ❖ Visual creating / modification of forms
 - ❖ Dynamic forms – locking, creating optional fields
- ◆ **Take advantage of existing IT investments & knowledge**
 - ❖ Web based solution deployment, supports any XML schema
 - ❖ Familiar Microsoft Office user experience
- ◆ **Share information across business processes**
 - ❖ Connects to XML Web services
 - ❖ Can connect to multiple biz processes via MS BizTalk Server

The image features a stylized globe of the Earth as a background. The globe is tilted, showing the continents of North and South America. The colors are muted, with greens and yellows for the landmasses and blues for the oceans. The Microsoft logo, consisting of the word "Microsoft" in a white, bold, sans-serif font with a registered trademark symbol, is centered over the globe. The logo has a slight 3D effect with a drop shadow.

Microsoft®