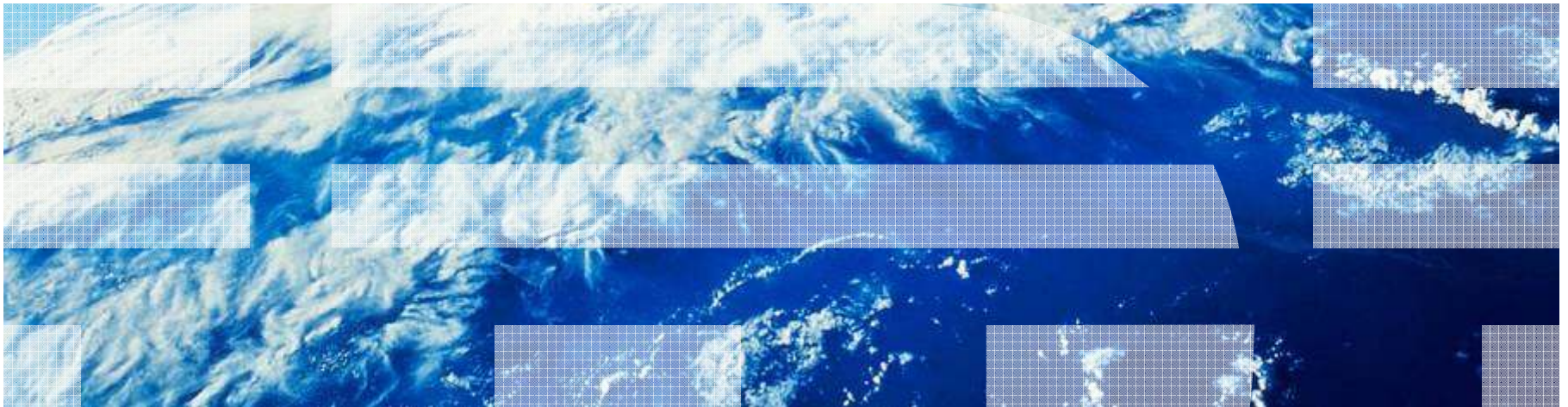
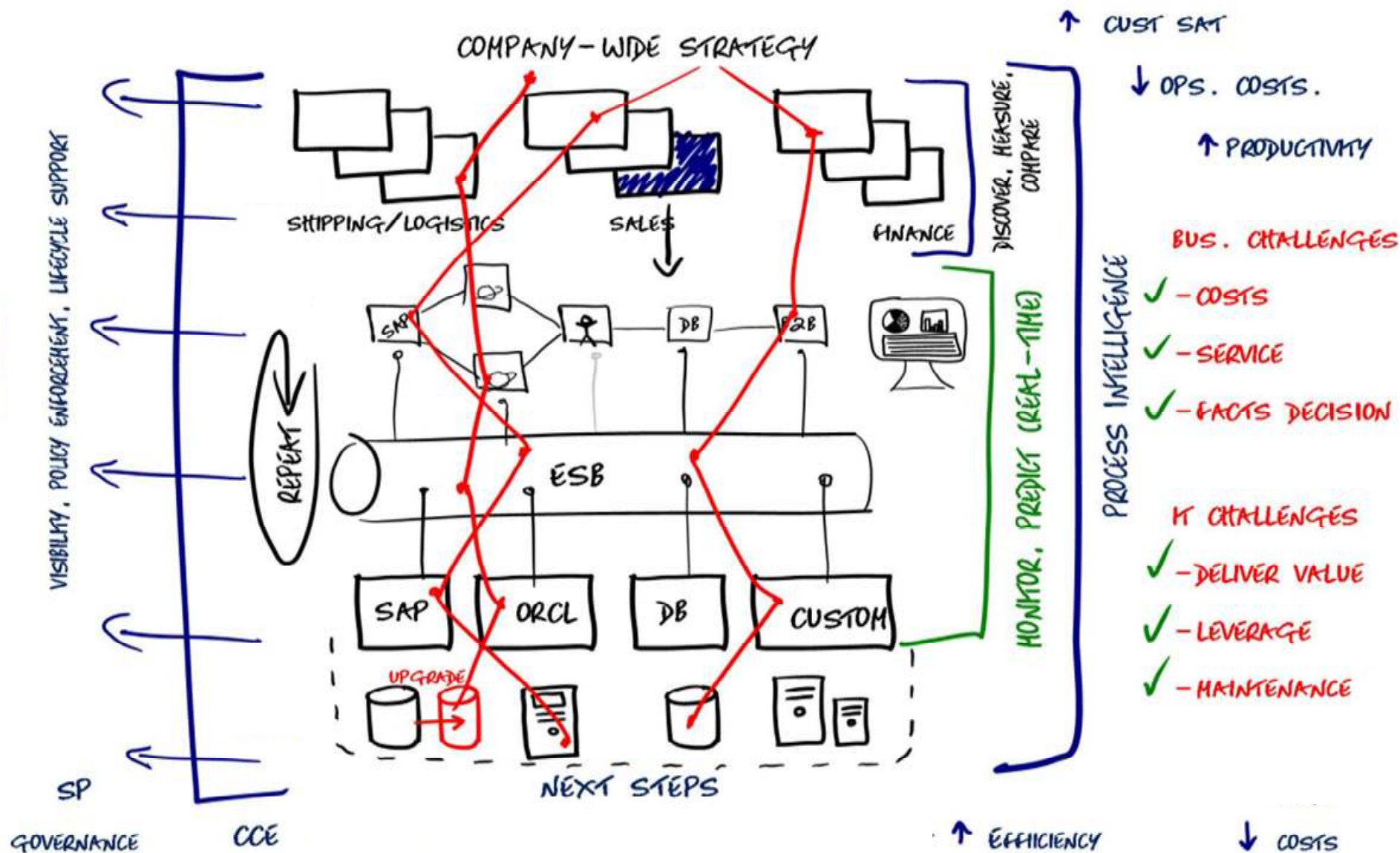


Rational Integration Tester (a.k.a. Green Hat) introduction

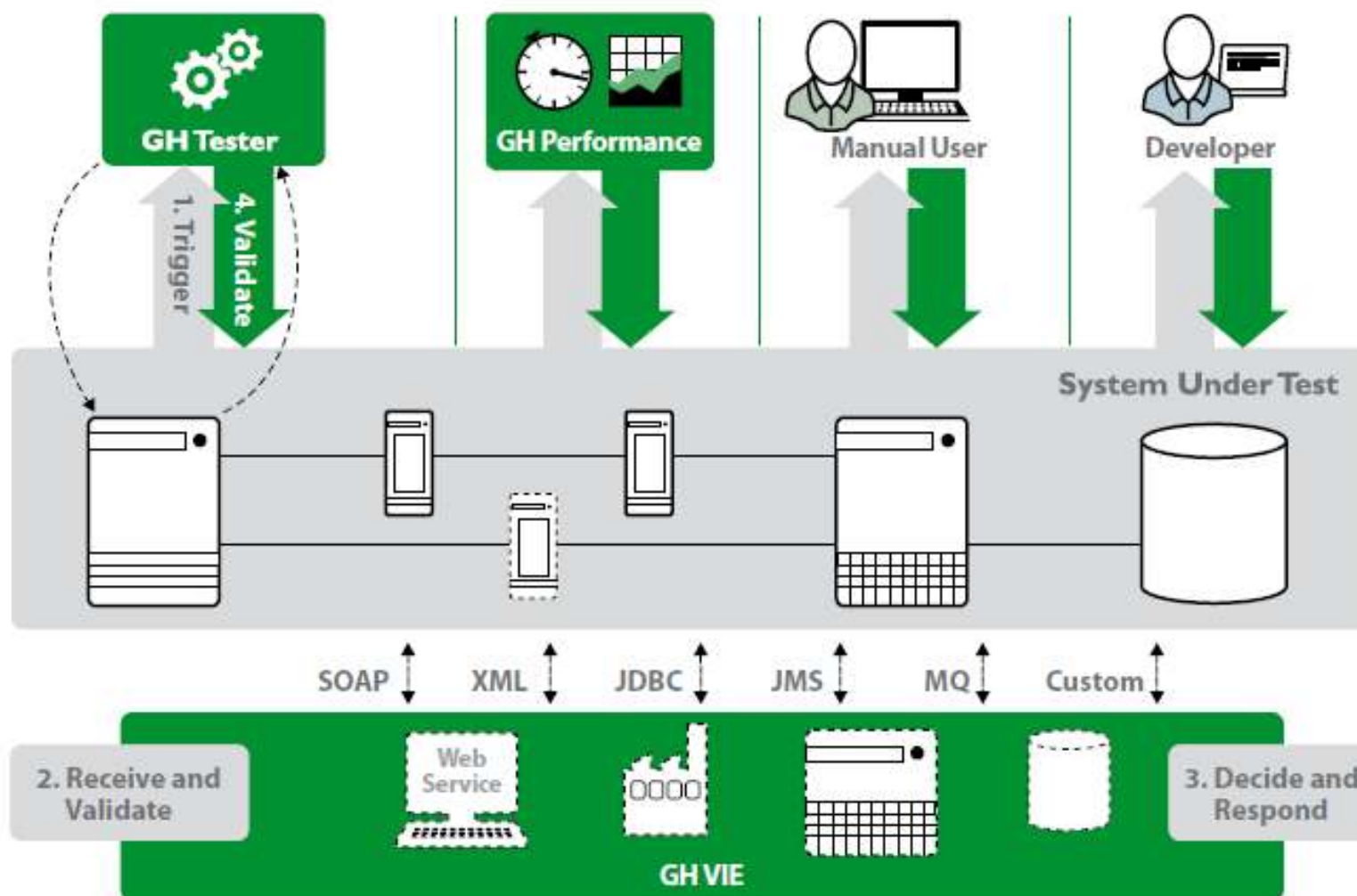
Jan Svoboda (IBM Rational Technical Presales)



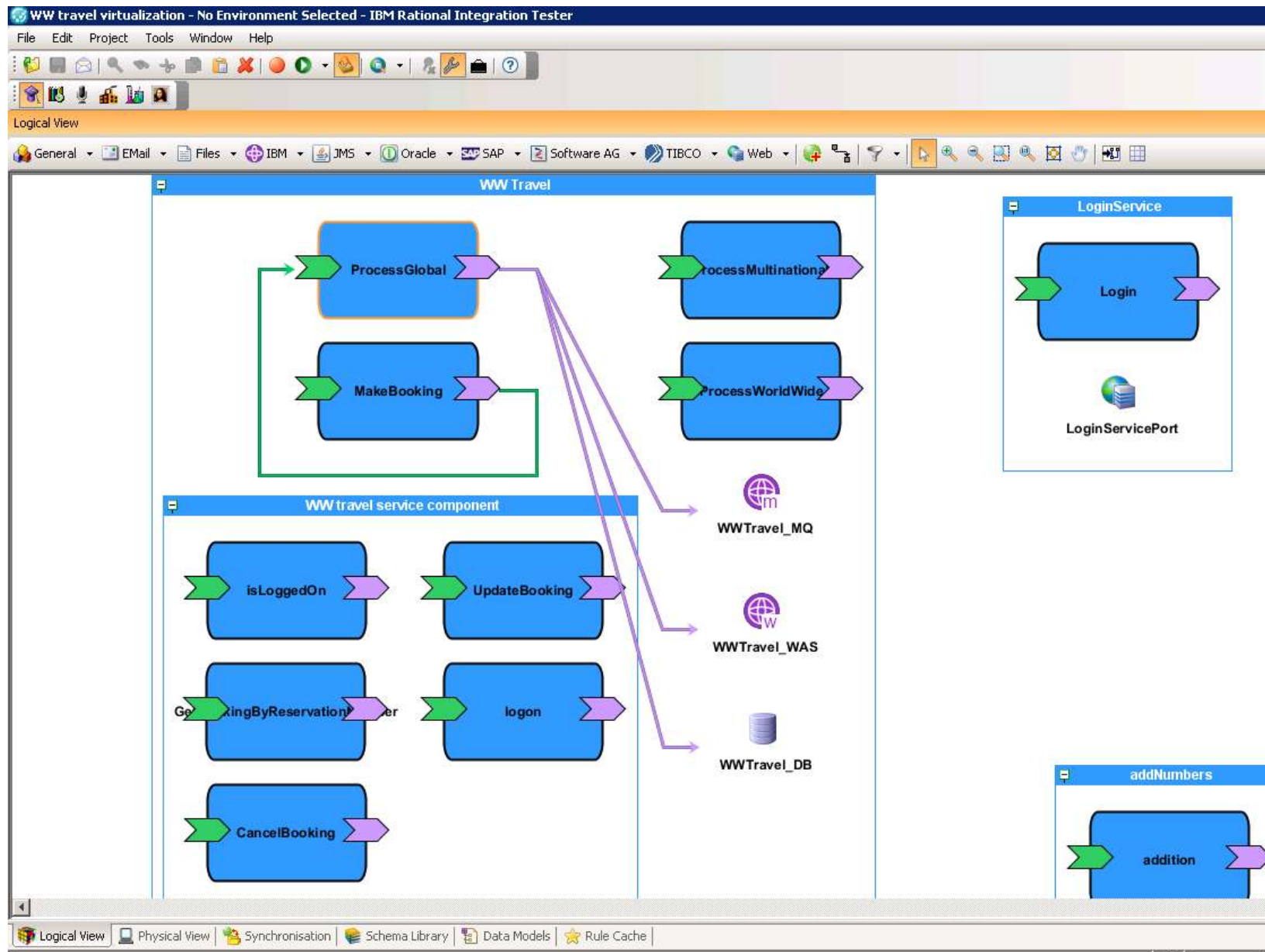
Vypadá vaše prostředí podobně?



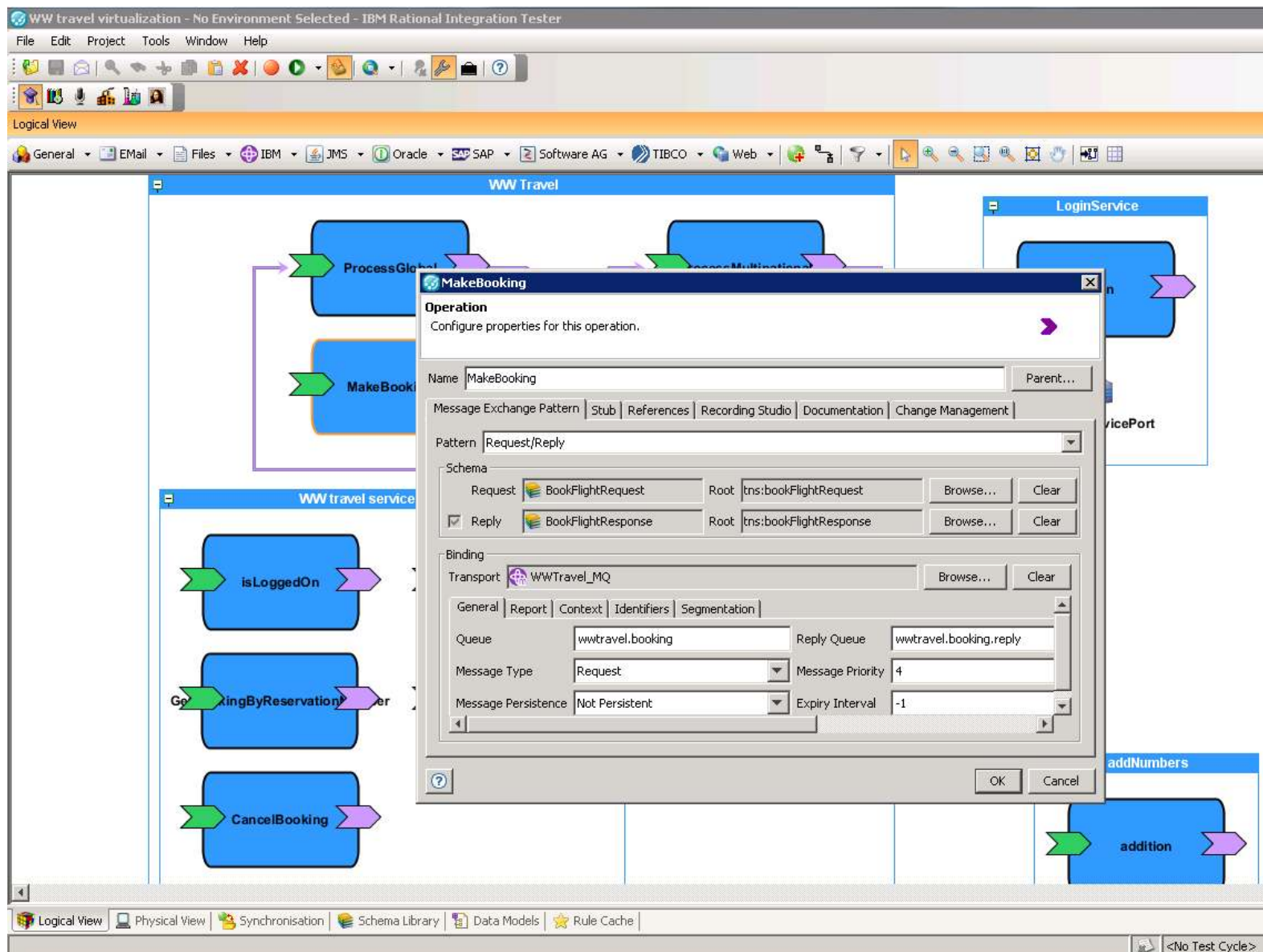
Green Hat – přehled komponent



Namodelujte vaše aplikaci...



...propojte model se servery...



...nahrajte jednotlivé zprávy...



WW travel virtualization - local - IBM Rational Integration Tester

File Edit Project Tools Window Help

Event Monitors

Events View

Showing 21 of 21 events

#	Type	Time Stamp	Source	Description
1	MakeBooking	15:34:15.380	MakeBooking	wwtravel.booking (wwtravel.booking.reply)
2	WWTravel_MQ	15:34:15.380	WWTravel_MQ	wwtravel.booking (wwtravel.booking.reply)
3	WWTravel_MQ	15:34:18.550	WWTravel_MQ	wwtravel.payment.global (wwtravel.payment.global.reply)
4	ProcessGlobal	15:34:18.610	ProcessGlobal	wwtravel.payment.global (wwtravel.payment.global.reply)
5	WWTravel_MQ	15:34:20.760	WWTravel_MQ	wwtravel.payment.global (wwtravel.payment.global.reply)
6	ProcessGlobal	15:34:20.760	ProcessGlobal	wwtravel.payment.global (wwtravel.payment.global.reply)
7	MakeBooking	15:34:21.010	MakeBooking	wwtravel.booking (wwtravel.booking.reply)
8	WWTravel_MQ	15:34:21.010	WWTravel_MQ	wwtravel.booking (wwtravel.booking.reply)
9	WWTravel_DB	15:35:07.291	WWTravel_DB	SELECT distinct FLIGHT_NUMBER FROM RESERVATION ORDER BY
10	WWTravel_DB	15:35:10.697	WWTravel_DB	SELECT GENDER, FIRST_NAME, MIDDLE_NAME, LAST_NAME, RES
11	WWTravel_DB	15:35:18.525	WWTravel_DB	SELECT CARDHOLDER_NAME, CARD_TYPE, CARD_NUMBER, CAR
12	WWTravel_MQ	15:35:23.990	WWTravel_MQ	wwtravel.checkin (wwtravel.checkin.reply)
13	WWTravel_DB	15:35:24.072	WWTravel_DB	SELECT distinct FLIGHT_NUMBER FROM RESERVATION ORDER BY
14	WWTravel_MQ	15:35:24.180	WWTravel_MQ	wwtravel.checkin (wwtravel.checkin.reply)
15	WWTravel_DB	15:35:24.338	WWTravel_DB	UPDATE RESERVATION SET API_COMMENT = 'OK : bla' WHERE RE
16	WWTravel_DB	15:35:26.088	WWTravel_DB	SELECT GENDER, FIRST_NAME, MIDDLE_NAME, LAST_NAME, RES
17	WWTravel_DB	15:35:30.135	WWTravel_DB	SELECT CARDHOLDER_NAME, CARD_TYPE, CARD_NUMBER, CAR
18	WWTravel_MQ	15:35:33.600	WWTravel_MQ	wwtravel.checkin (wwtravel.checkin.reply)

Filter...

- Remove filter
- Demote
- Demote Permanently
- Rename...
- Clear All Events
- Clear Selected Events
- Save Test
- Save Parameterized Test
- Save Stub
- Save Parameterized Stub
- Save Data Model Stub
- Save Deterministic Stub
- Save Triggers
- Save Requirements

Event Monitor Properties

Body

Header

Body Message

Value

MQ Message (Message)

text (String) {XML}

tns:bookFlightRequest (Element)

xmlns:tns (Attribute)

tns:flightNumber (Element)

(Text)

tns:weekNumber (Element)

(Text)

tns:price (Element)

(Text)

tns:passengerFirstName (Element)

(Text)

tns:passengerMiddleName (Element)

(Text)

tns:passengerLastName (Element)

(Text)

Process Children

<tns:bookFlightRequest><tns:flightNumber>WW297</tns:flightNumber><tns:weekNumber>49</tns:weekNumber><tns:price>10</tns:price><tns:passengerFirstName>Jan</tns:passengerFirstName><tns:passengerMiddleName>X</tns:passengerMiddleName><tns:passengerLastName>Process Children</tns:passengerLastName></tns:bookFlightRequest>

Process Children

http://reservations.wwtravel.com/schemas/BookFlightRequest

Process Children

WW297

Process Children

49

Process Children

10

Process Children

Jan

Process Children

X

Process Children

Process Children

<No Test Cycle> Anonymous

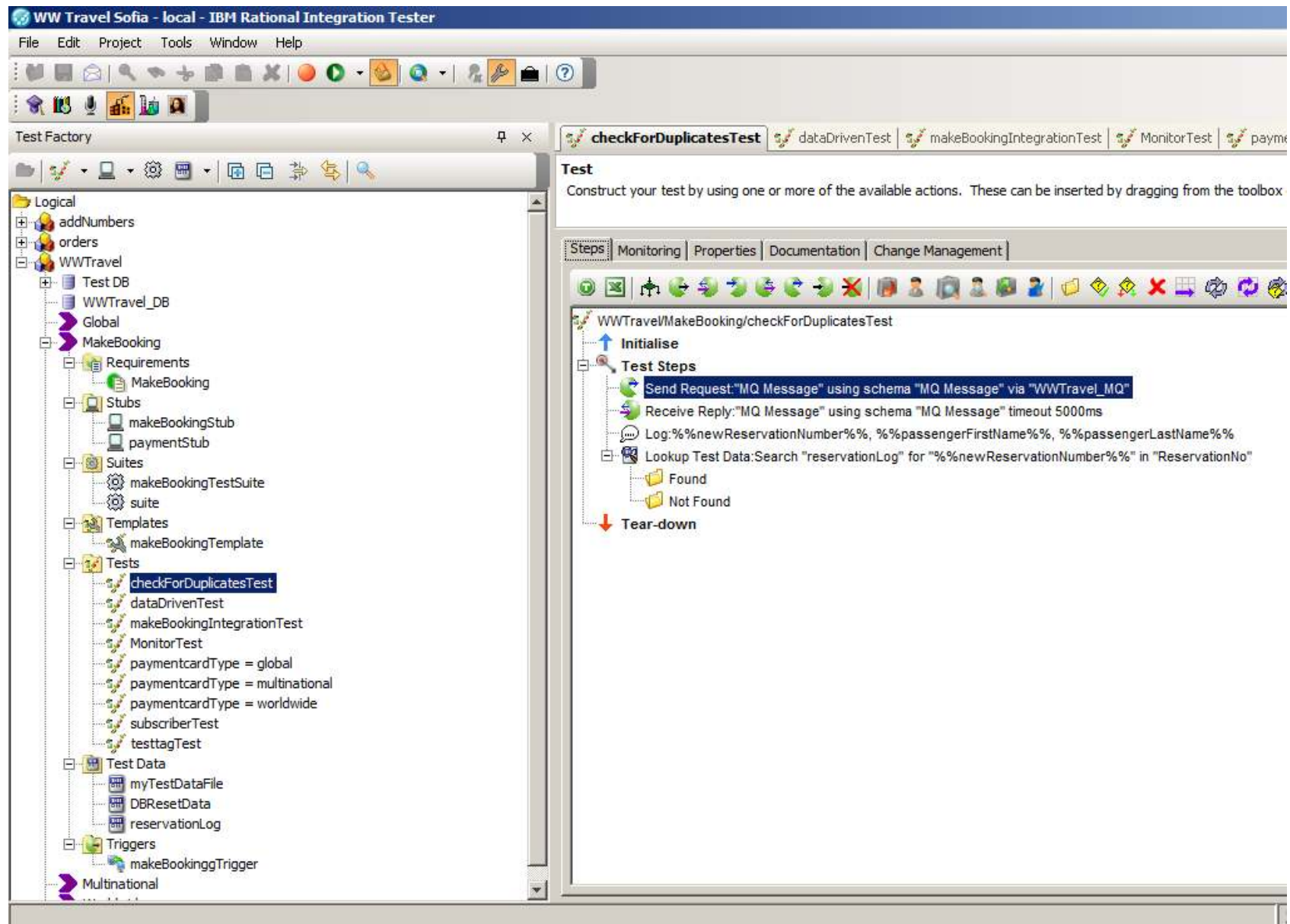
A k čemu je to dobré?

Funkční testování

Virtualizace

Zátěžové testování

Vytvořte funkční testy a stuby.



A k čemu je to dobré?

Funkční testování

Virtualizace

Zátěžové testování

Nahrajte stuby na server.



Firefox

local - Rational Test Control Panel x Booking made

localhost:7819/RTCP/#Vie:Booking System|local

WW Travel flight boo... WW Travel Administr... Rational Test Control ... WSIS Console Hotel Finder WSDL

Rational. Test Control Panel Home | Scheduling | Agents | Results | VIE | Administration About | Logout IBM.

Home > VIE > Booking System > local Stop All Stubs Show Agents

Name	Satisfied by	Handled	Since reset	Status
WW Travel				
WWTravel_DB	Live system			
MakeBooking				
SimpleBookingStub 2.0		4	4	Ready
ProcessGlobal	Live system			
ProcessMultinational	Live system			
ProcessWorldWide	Live system			
addNumbers				
addition	Live system			
WW travel service component				
CancelBooking	Live system			
	Live system			

Stop stub

Change response time...

Reset metrics

Press ESC to close menu

170.224.194.149 (8.0.0.2)

Windows Server 2008 R2, CPUs: 2, Free Mem: 1398M

SimpleBookingStub 2.0

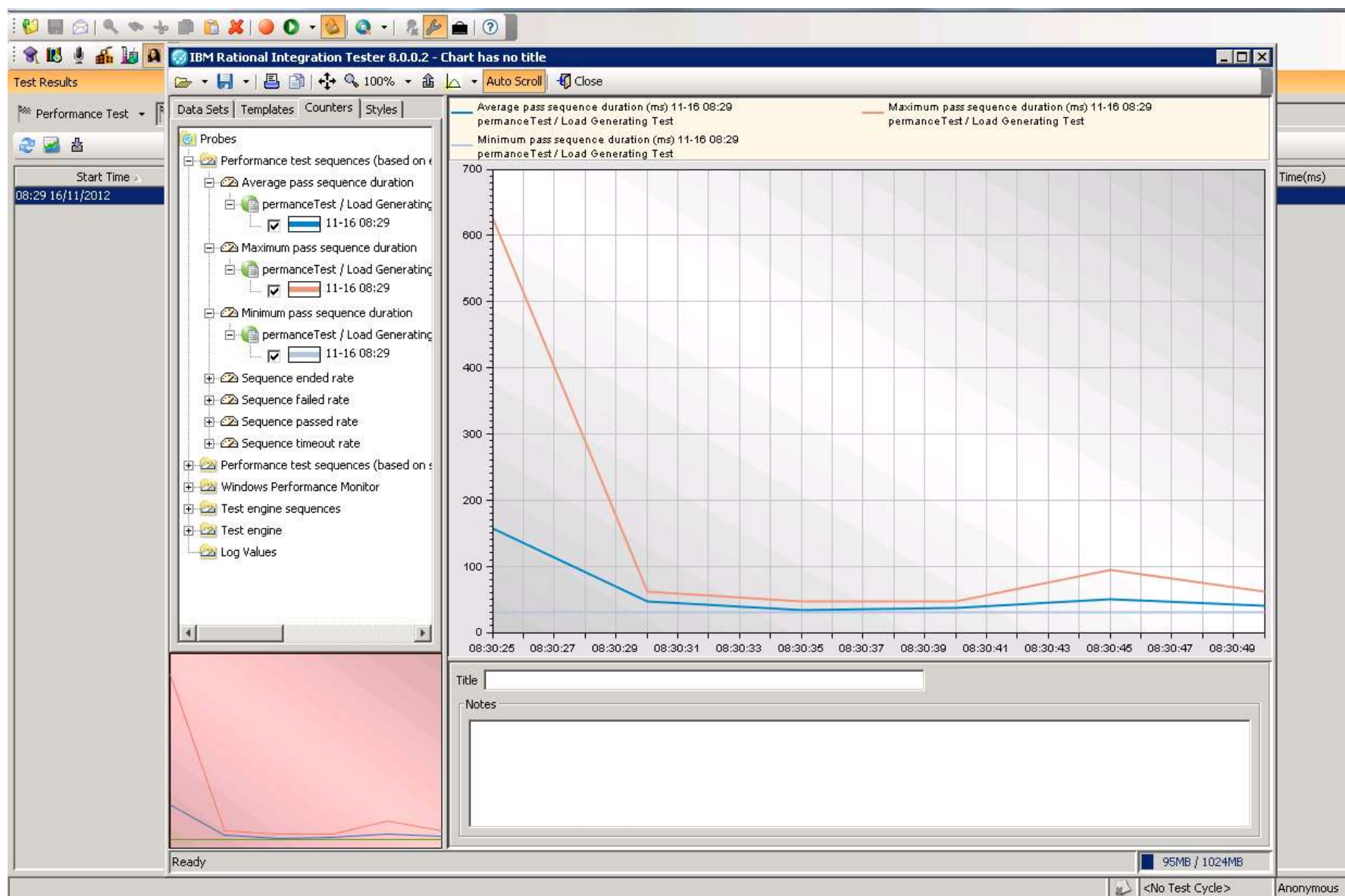
A k čemu je to dobré?

Funkční testování

Virtualizace

Zátěžové testování

Změřte výkonnost integračního serveru.



Podporované technologie

Messaging Protocols

- ActiveMQ
- Email (SMTP, IMAP)
- Files
- FTP/S
- HTTP/S
- JMS (JBOSS et al)
- IBM WebSphere MQ
- JBoss MQ
- SAP IDoc, BAPI, RFC & XI/PI
- Software AG's IB & IS
- Solace
- Sonic MQ
- TCP
- TIBCO Rendezvous, Smart Sockets & EMS
- Custom

SOA, ESB, Others

- CentraSite
- Oracle Fusion
- SCA Domain
- Software AG IS, BPMS
- Sonic ESB
- TIBCO ActiveMatrix
- UDDI
- Web Services
- WebSphere RR
- WSDL
- BPM
- Databases
- Log Files

Message Formats

- .Net Objects
- Bytes
- COBOL Copybook
- ebXML
- EDI
- Fixed Width
- HL7
- IATA
- Java Objects
- MIME
- OAG
- SOAP
- Software AG Broker Docs
- SWIFT
- TIBCO ActiveEnterprise
- XML (DTD, XSD, WSDL)
- Custom

Green Hat zákazníci

Financial Services	
Telecommunications	
Retail	
Transportation	
Energy	
Healthcare	
Government	
Other	

