

Splunking SAP – Provide Instant Business Value By Unlocking SAP Data For IT, OT And Security Use Cases Across Your Enterprise

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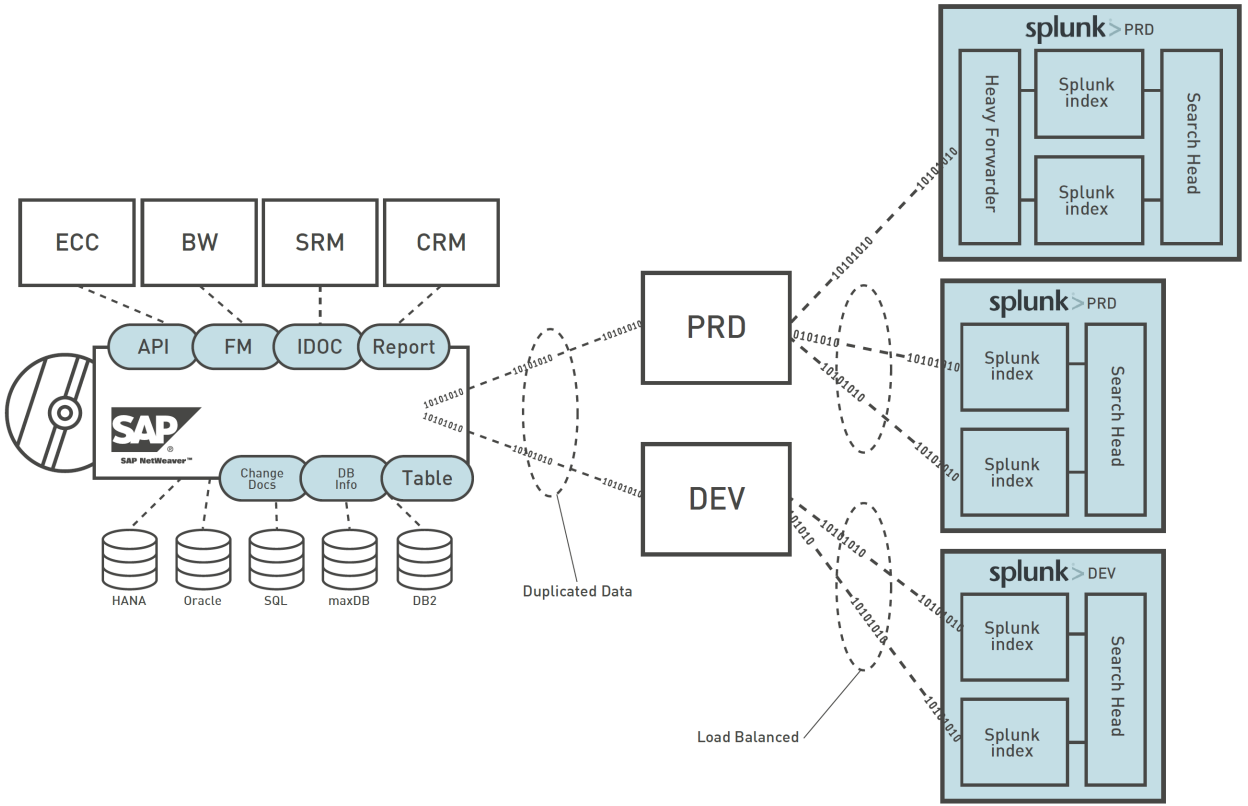
Agenda

- BNW Who We Are And What We Do
- Powerconnect4 For Splunk Architecture
- Data Sets, The SAP API & Available Data Streams
- SAP Infrastructure Data
- Security Analysis
- Business Data

BNW & SAP Who We Are And What We Do

- 20 Years working with SAP
- We understand SAP!
- SAP technology projects all over the world
- SAP ERP application enjoys 87% market share of Forbes Global 2000
- SAP NetWeaver sits underneath majority of SAP applications
- Need visibility of the data inside SAP?
- Hard to do from the outside! SAP stores all of its data inside the SAP database.
- PowerConnect runs inside SAP so it has access to all the data inside SAP
- * <http://go.sap.com/documents/2016/07/0a4e1b8c-7e7c-0010-82c7-eda71af511fa.html>

PowerConnect Splunk Application Architecture



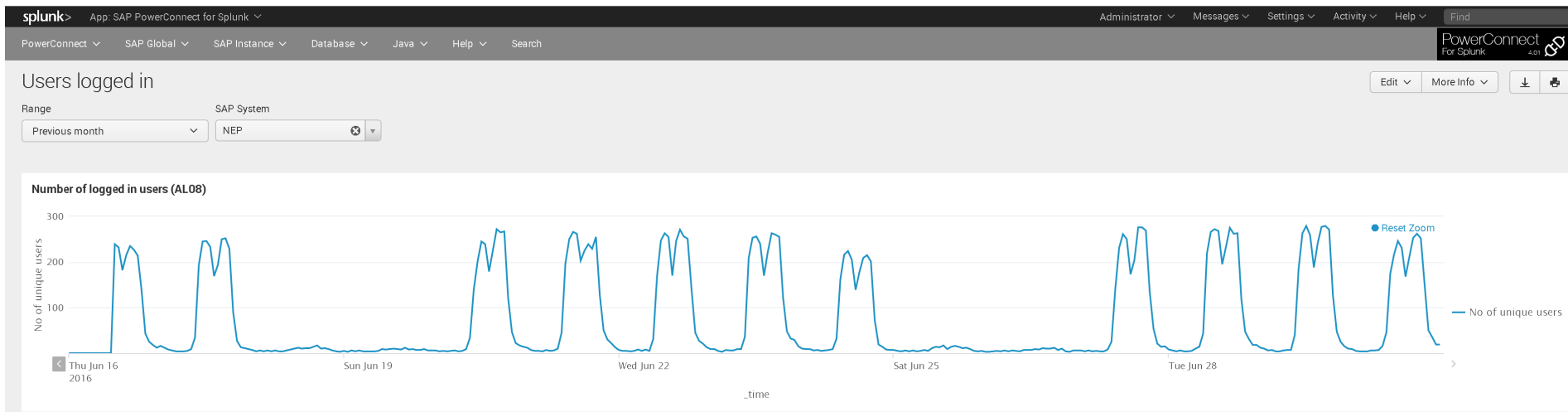
PowerConnect ABAP Application Architecture

- Very little SAP data is accessible from the outside
- Once inside we have access to the entire SAP API, all tables, functions & information.
- Written in ABAP PowerConnect runs inside SAP and connects directly to the Splunk indexers (restAPI or HTTP EC) and injects events load balanced across all configured indexers
- Tested against all supported SAP NetWeaver versions from 7.01 -> 7.5
- Tested against all supported versions of Splunk 6.0 – 6.4
- Installs in less 1 day

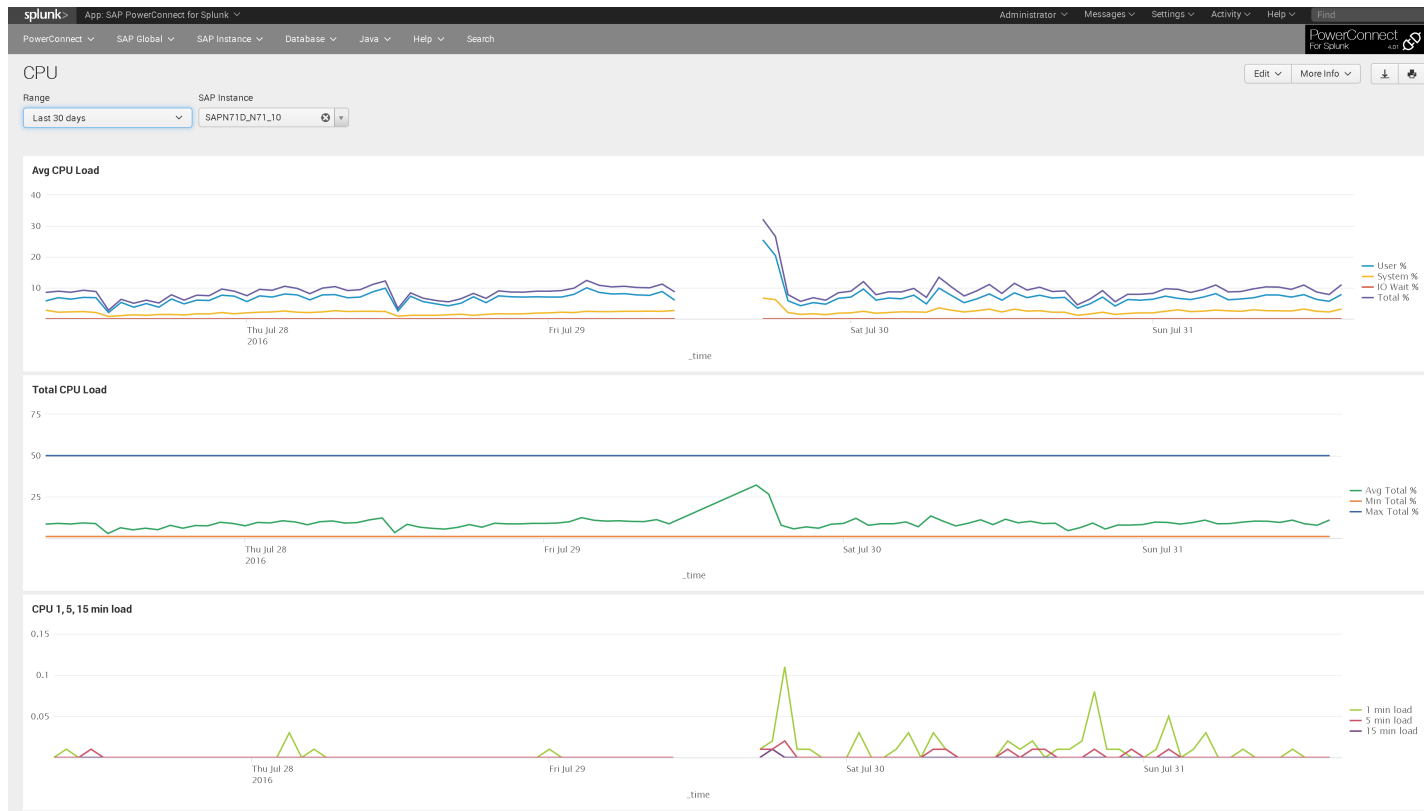
Use Case – IT & OT Data

- User metrics
 - Concurrent users
 - Response time
 - SAP transactions executed
- System infrastructure & performance
- Application performance
- Transport system
- ICM – all Web Traffic
- Database information
- SAP parameters
- Application logs
- Locks, Updates, Work Processes
- Batch jobs
- RFC status
- SAP memory

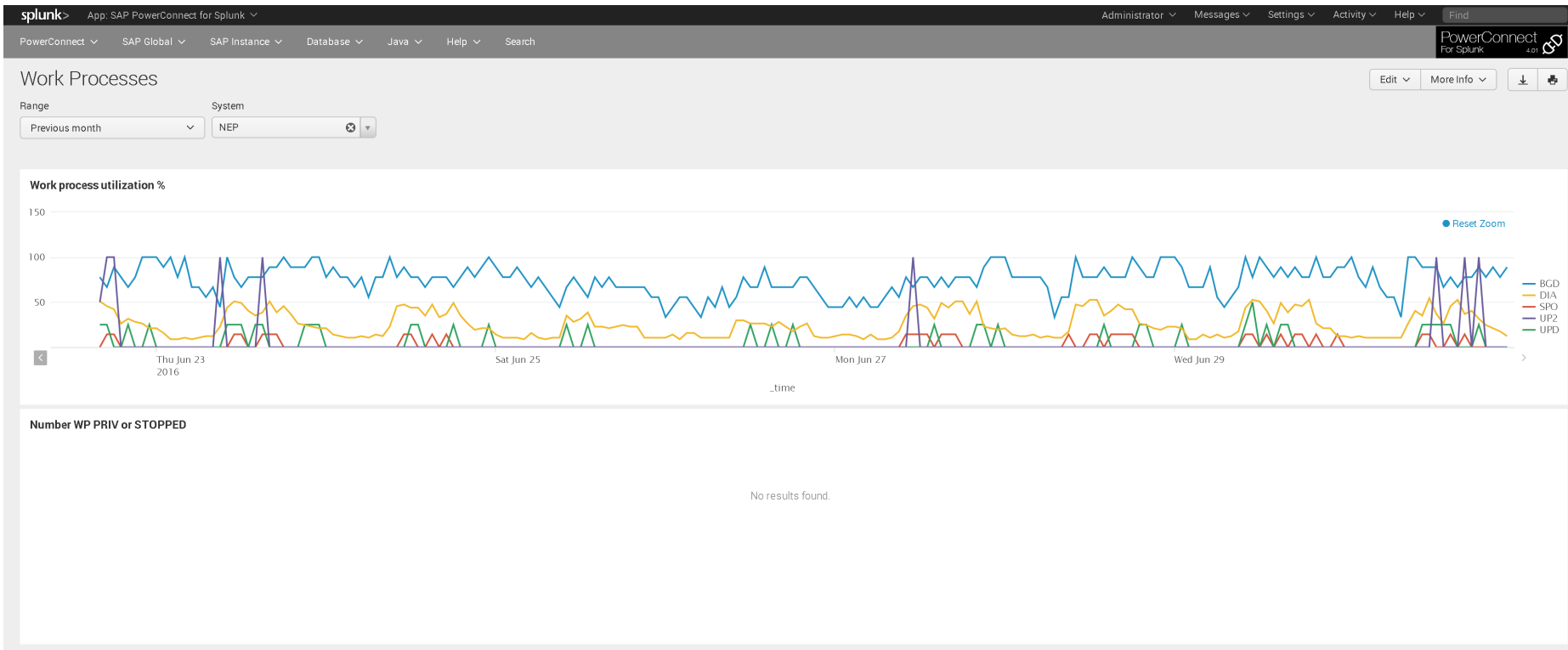
Video – (Users)



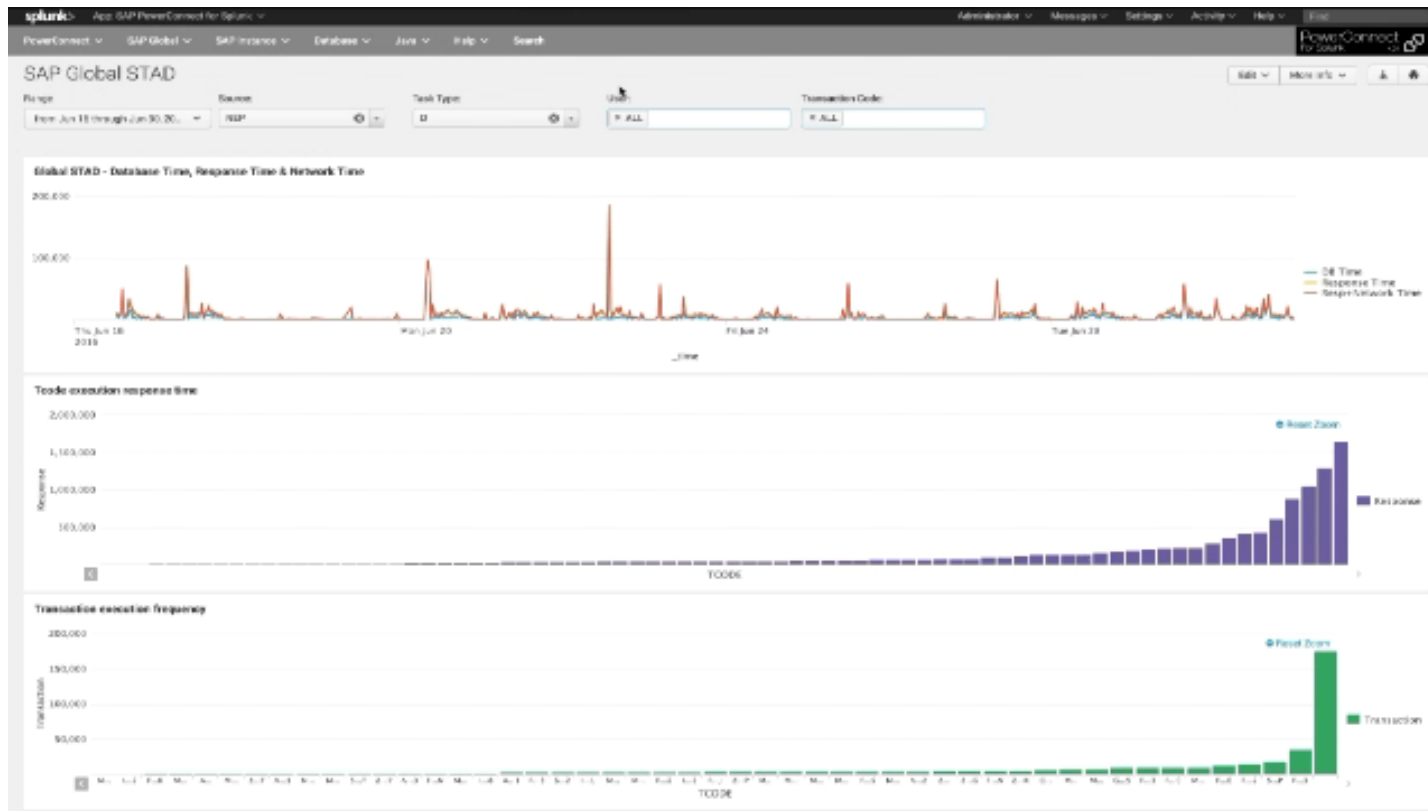
Video – (Infrastructure)



Video – (SAP Application Stats)



Video – (SAP Transactional Stats)



Use Case – Business Data

- All document types that create change documents (Sales Order, PO etc.)
- Any information that utilizes IDOCs, can extract individual fields from specified IDOC type
- Report Writer reports
- Function Modules
- Access to the underlying tables
- Audit information

Video – Audit Information

Bringing It All Together...

- Get access to any of the data sources inside SAP including the tables
- Lots of pre-built functions, data sets, extractors, dashboards to get you up and running in days
- Combine the SAP data under one roof with all of the other enterprise data (example)
- Rapid time to value, can build new data sets and reports in hours including ad-hoc queries
- Once the SAP data is inside Splunk – anything Splunk can do, you can now use with SAP data
- SAP and Splunk certified with all current available and supported versions
- Tested at scale (thousands of concurrent users in SAP, TBs of data)
- Run a report for any time period we have data in the index, SAP aggregates data in short period of time

Bringing It All Together...

- Value
- Customer testimonials
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PACT Group Customer Success

“Splunk makes it cheaper and easier for PACT to analyze our SAP system especially after an incident, we now have the capability to perform forensic analysis of what was happening inside SAP right before an incident .”

Michael Ross (CIO)

PACT Group



- PACT Group ASX listed \$1.65 Billion company
- Aggressive plan to get to \$5 billion turnover in 5 years
- Uses SAP for all core ERP functions

SCT Logistics - Customer Success

“Splunk makes it easy for us to run ad-hoc queries on the SAP transactional data to determine which forklifts are active, their activity and determine what our users are doing inside our SAP system.”

Sean Atchinson (CIO)

SCT Logistics



- SCT Logistics one of Australia's largest privately held transport companies
- SAP up 24x7 to support 24x7 logistics
- Uses SAP for all core ERP functions

Questions...?

- Prize for the best question – We are giving away a DJI Drone to the person who asks the best question

What Now?

- Visit us at our booth in the main hall and enter our draw to win a drone
- Visit us online www.powerconnect4.com
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THANK YOU

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