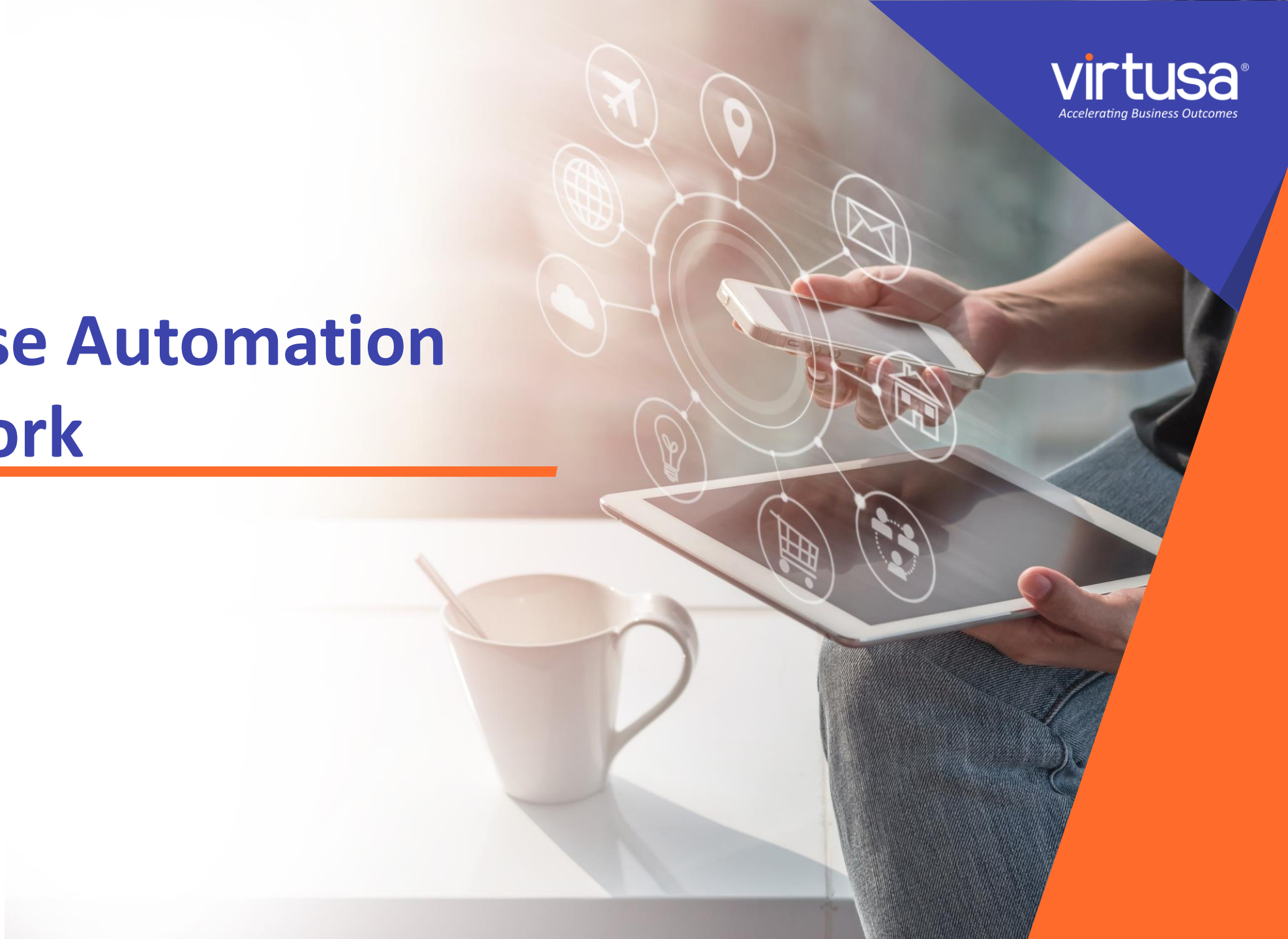


vBrain **Enterprise Automation** **Framework**



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➔ 1. Introduction

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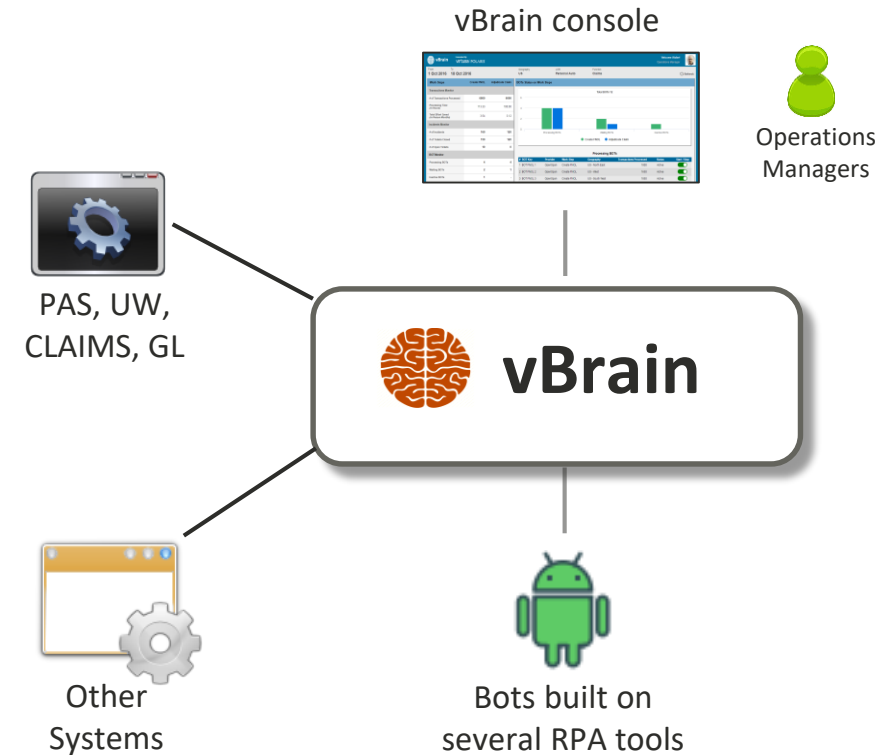
3. Screenshots



Why have vBrain – an Enterprise Automation Framework

Today's challenges

- Robots are **deployed in silos**, with no visibility from line of business (LOB) standpoint
 - Each robot reports work done by itself
- No view of consolidated **work done** by both **robots and humans**
 - Business managers are accountable for **service levels** regardless of whether work is done by humans or robots
- No means of **managing disparate robots** built on different technologies
 - What if auto claims are processed by a different robot than home LOB but there is one manager accountable for both LOBs?
 - No **consolidated** visibility of how much **effort saving** is being achieved



vBrain is an **Enterprise Automation Framework** that enables Business Managers to manage the entire work done across LOBs and geographies to optimize:

- Resource utilization
- Service levels

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vBrain - Functional Components and their interactions

vBrain enables organizations to monitor & manage business processes across LOBs/ Geography to optimize the resource utilization and service levels

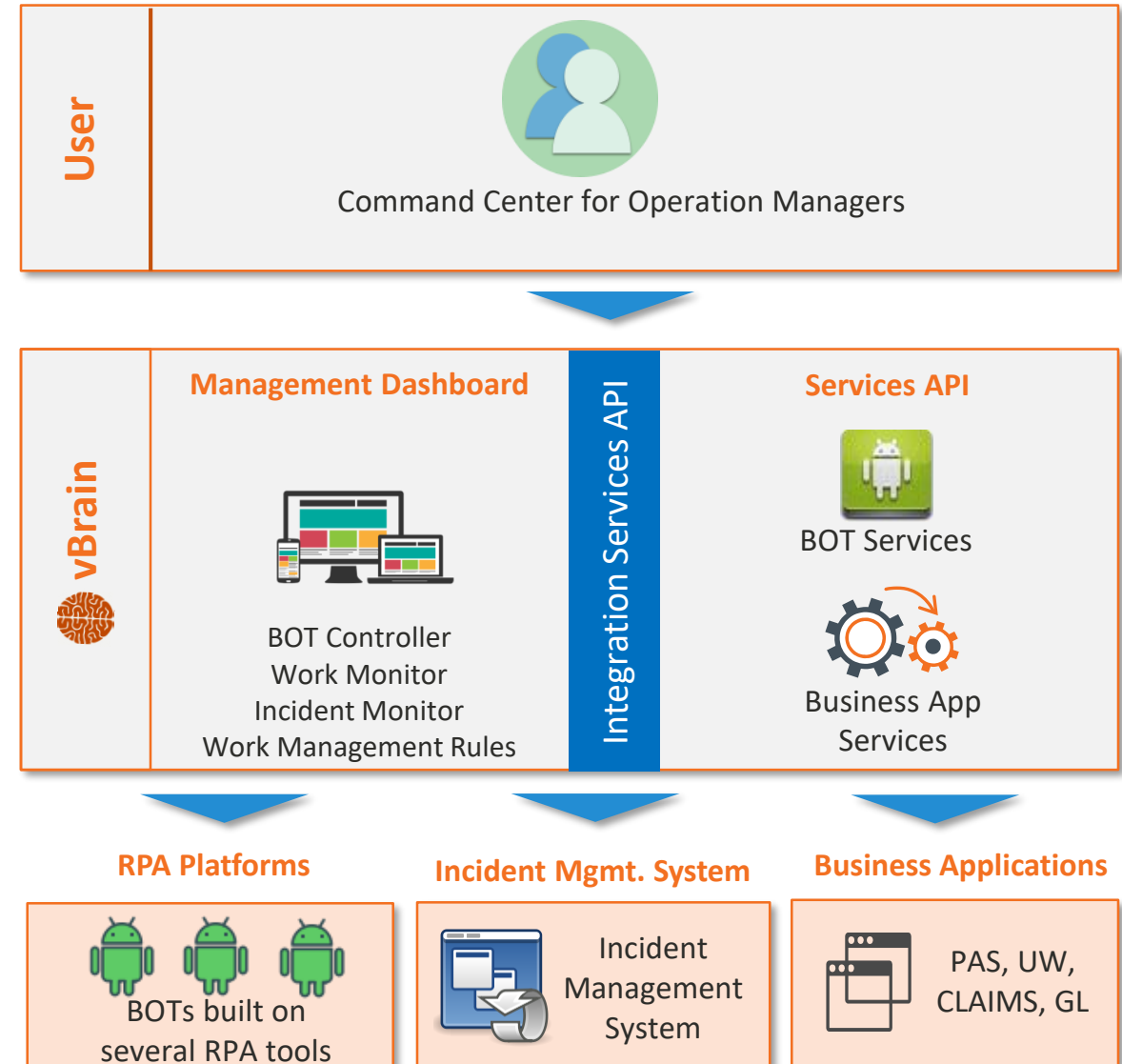
Key Components of vBrain Framework

BOT, Work and Incident Management

- **BOT Controller** enables start up and shutdown of bots including administration involving registration and scheduling
- **Work Monitor** enables reporting of work done across LOBs and geographies. Reports performance of workers, both BOT and humans
- **Incident Monitor** initiates creation of incidents using failed transactions due to system issues like application not accessible or being slow in response
- **Work Management Rules** framework allows load balancing rules to be applied to ensure service levels are met under different circumstances

Automation Orchestration

- **SOA architecture** leads to **non-disruptive** integration using web services (REST/ SOAP) to RPA platforms and business applications
- **Modular design** and **loosely coupled architecture** for extensibility and performance



vBrain Design Features

Scalability

- Business Applications and RPA tools can be integrated with vBrain with very minimal changes
- Uses SOAP/REST for simpler, easier integration and high reuse

Performance and Data Handling

- Process and transaction details are stored into the vBrain DB for quick reporting and analysis
- Bot transaction data can be shared real time or as per pre-configured time intervals
- Historic bot transaction data will be aggregated and stored for reporting purpose
- Archiving and Purging of the data can be considered based on the customer requirement

Localization

- vBrain is configurable to display user's local date format
- vBrain provides Multi-language support

Security

- Enterprise Authentication and SSO can be used along with vBrain
- vBrain Service API can be leveraged for communicating with Business Apps and Bots.
- Web services security between vBrain and RPA platform/ Business apps - Encrypted security tokens will be attached to ascertain the sender's identity

Audit and logging

- All the config changes in vBrain along with the service calls being made to the BOTs or business apps are logged into the Audit repository

Exception Handling

- vBrain has an inbuilt library of common bot events that are used to communicate incidents that happens with bots across platforms
- vBrain can integrate with the existing Enterprise Incident Management System and create an incident or ticket to log and handle exceptions

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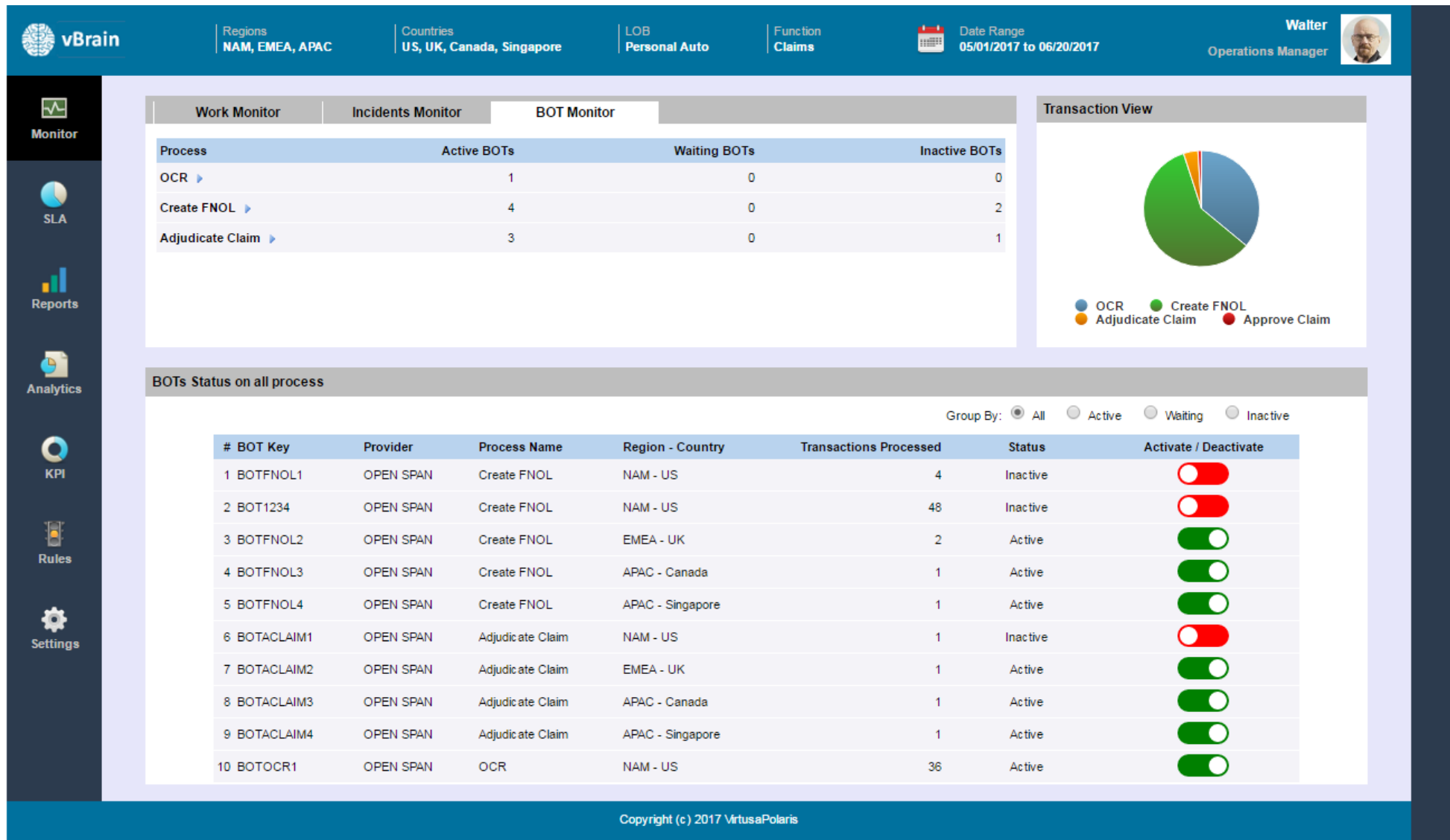
1. Overview

➔ 2. vBrain Features

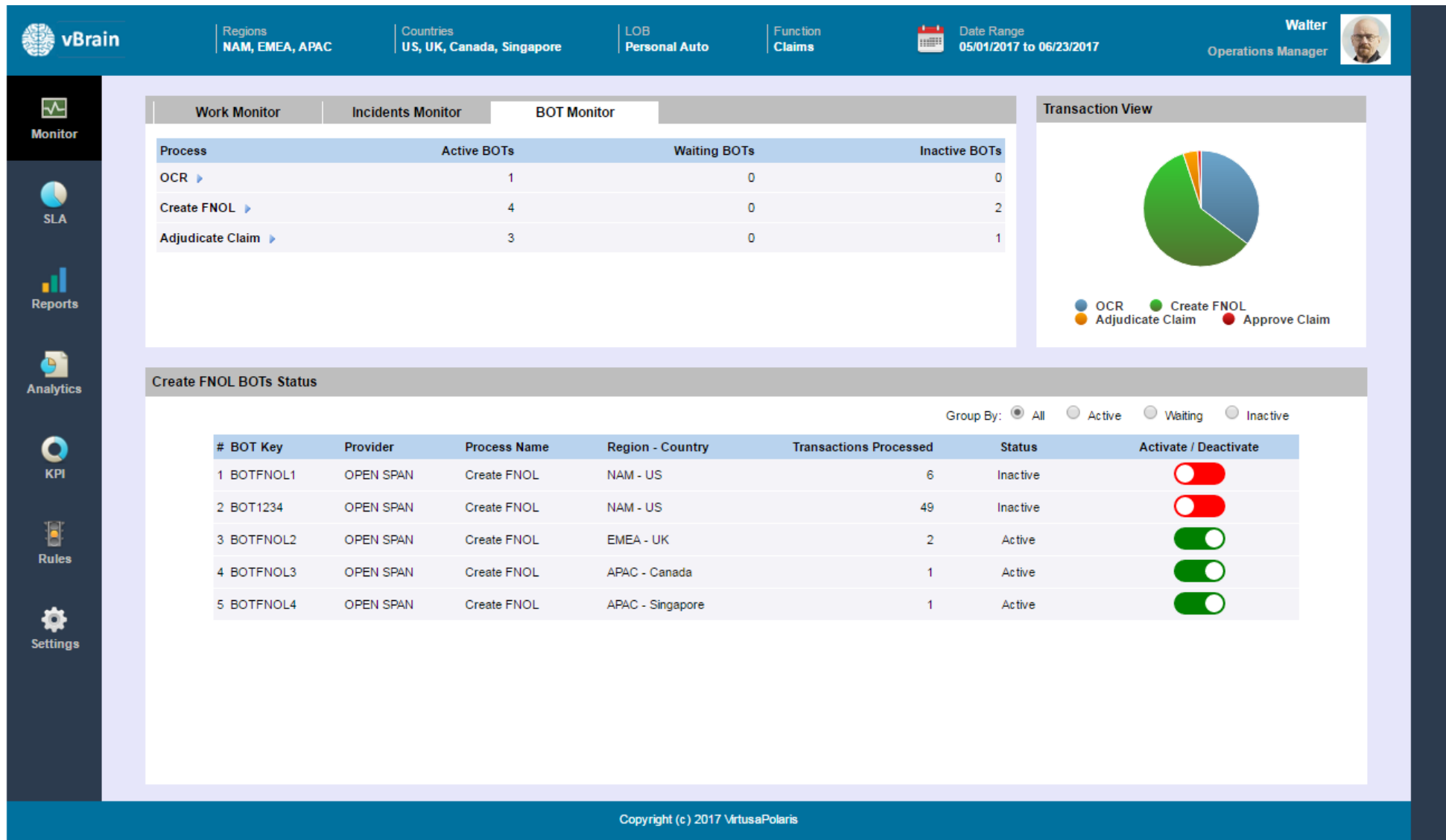
3. Screenshots



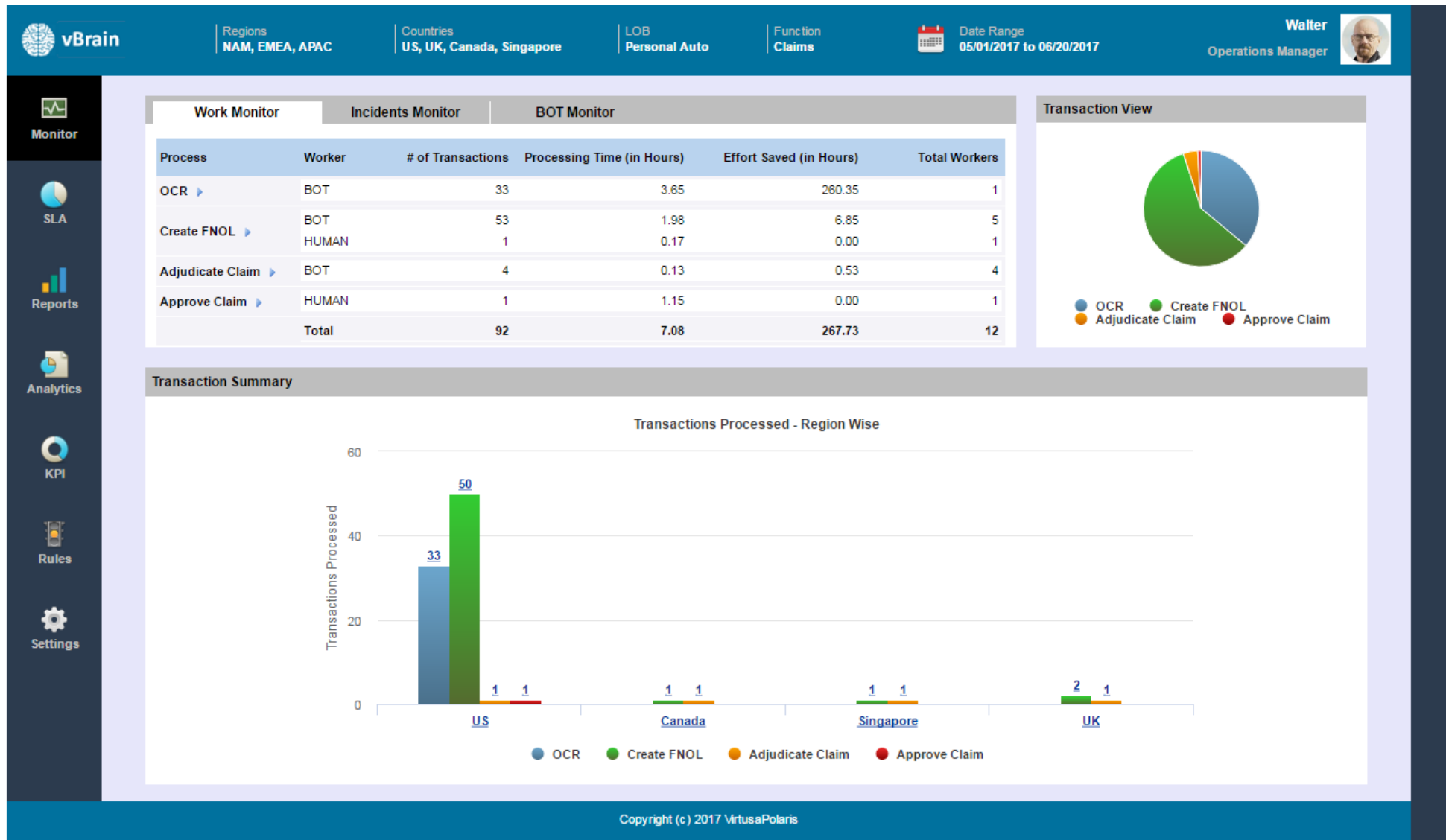
1.1 Process wise Bot status



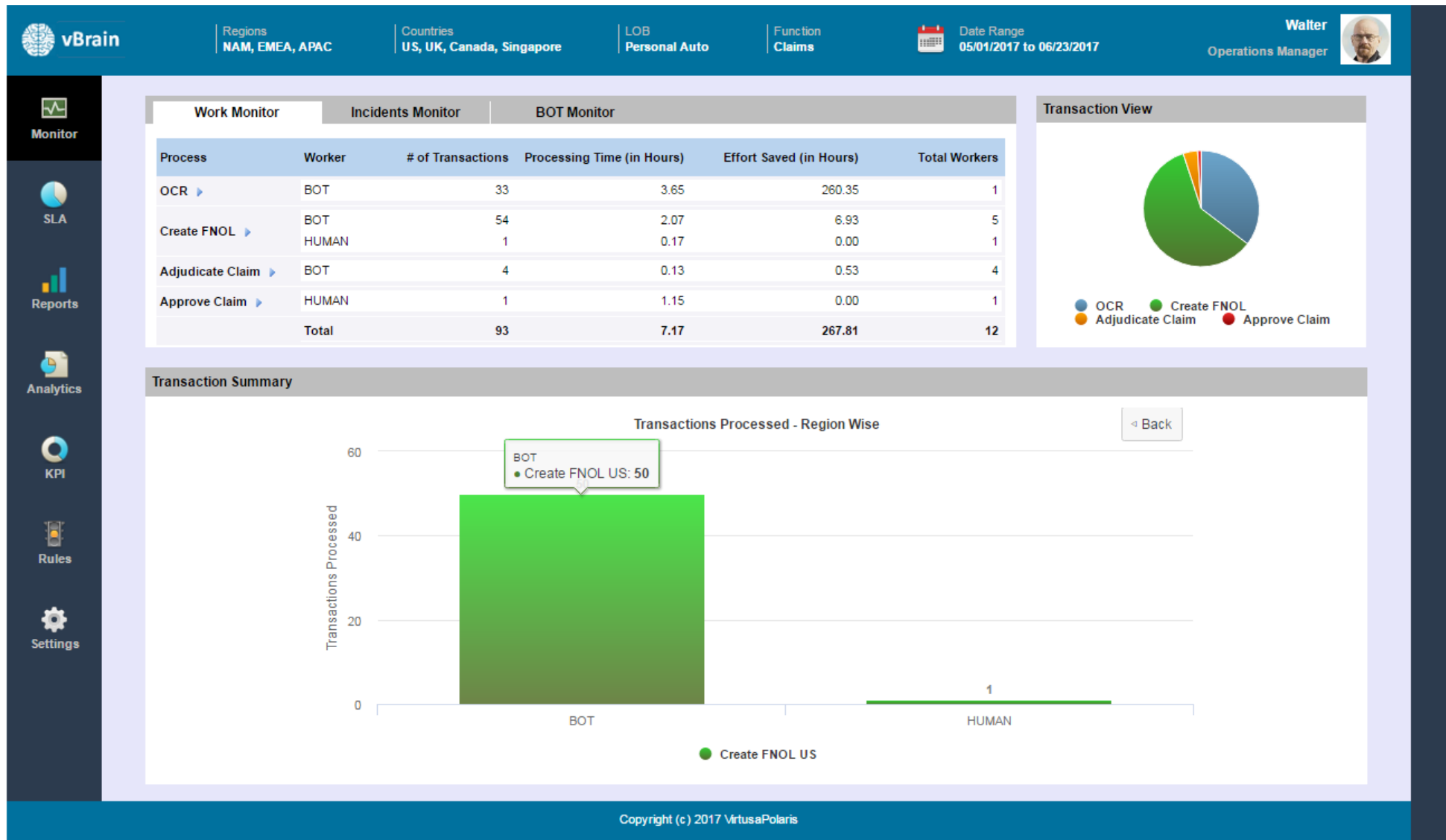
1.2 Process and Bot wise # of transactions processed



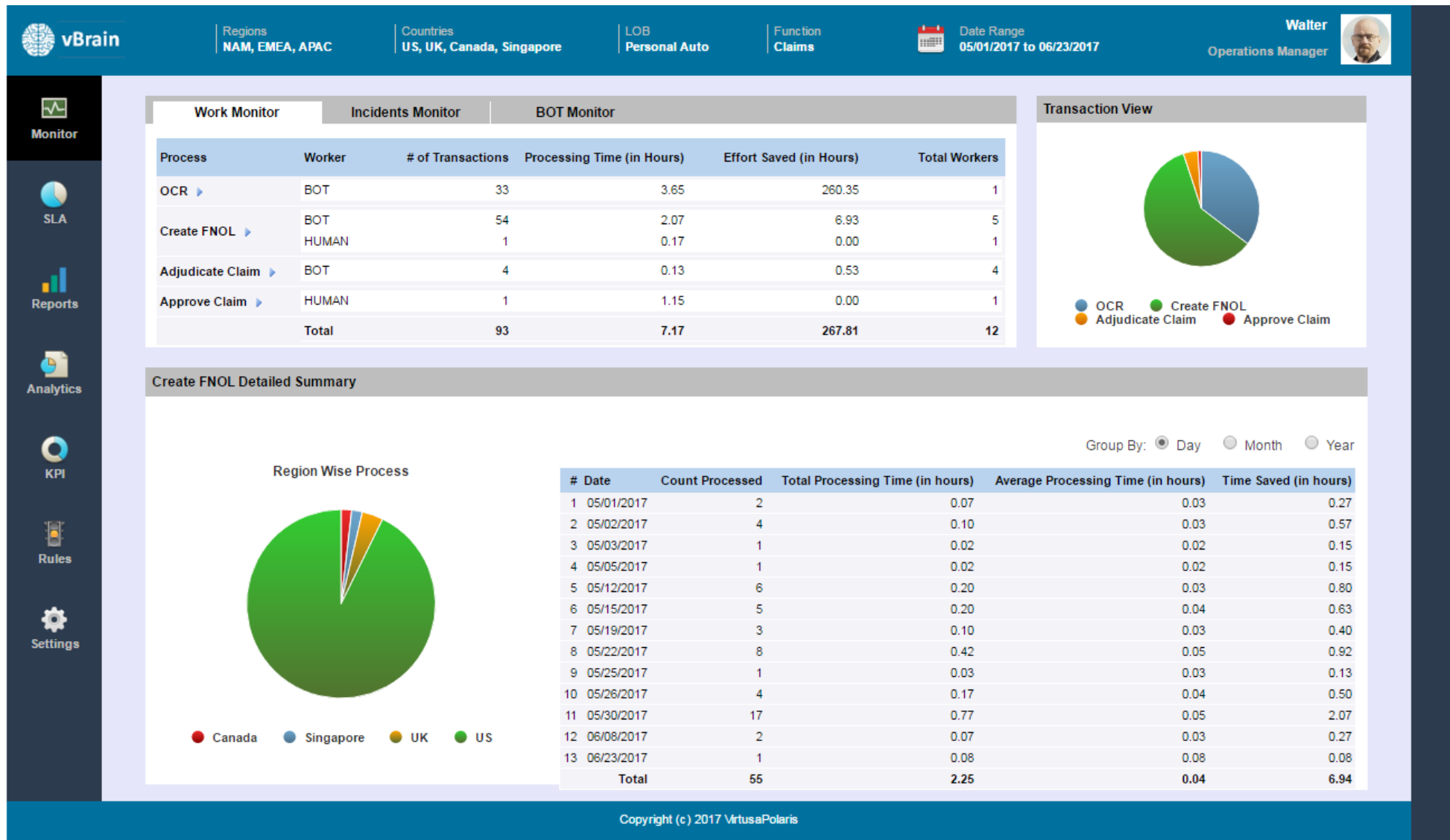
1.3 Process wise transactions processed and efforts saved



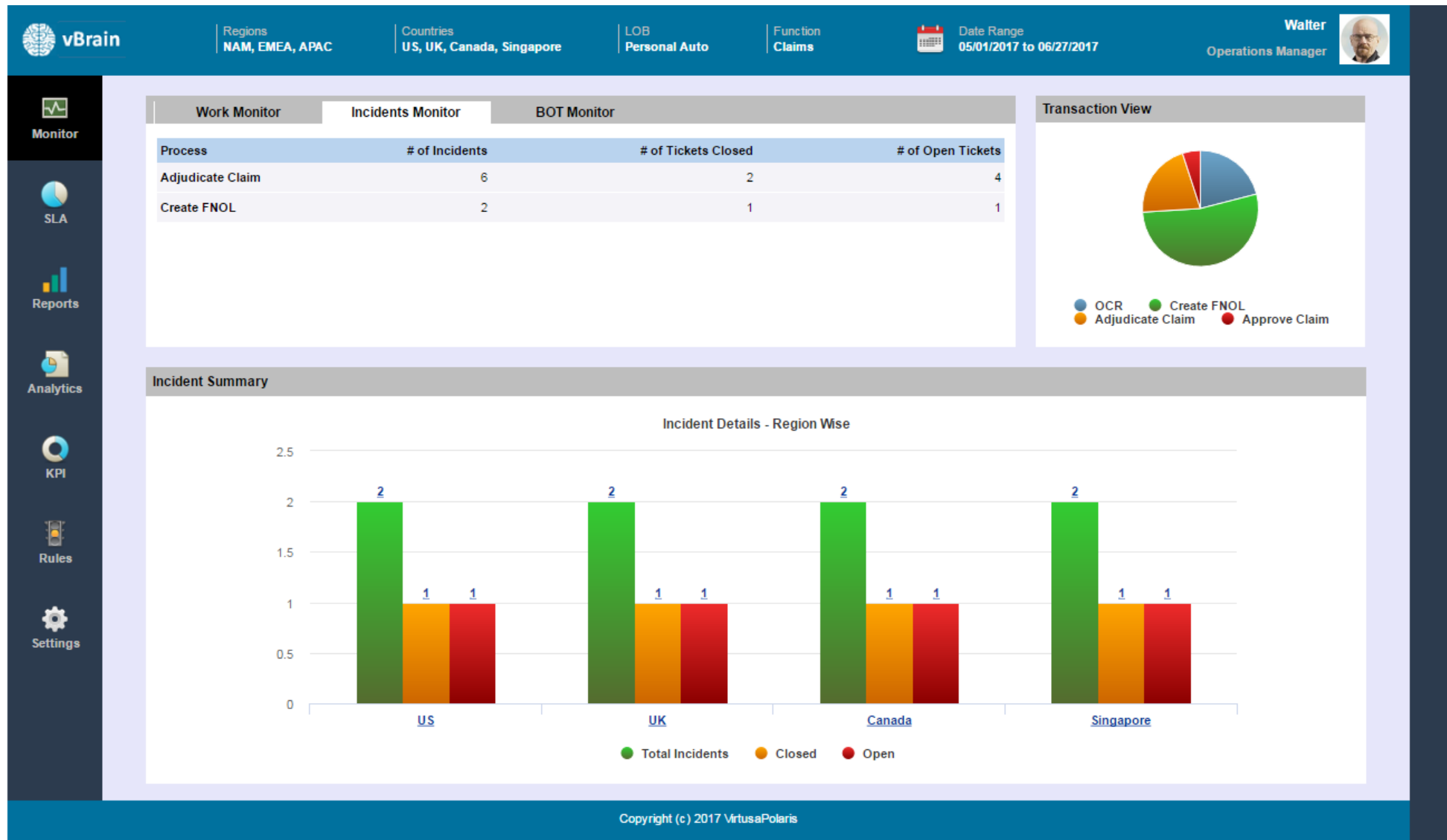
1.4 Region wise work processed & its process wise breakup



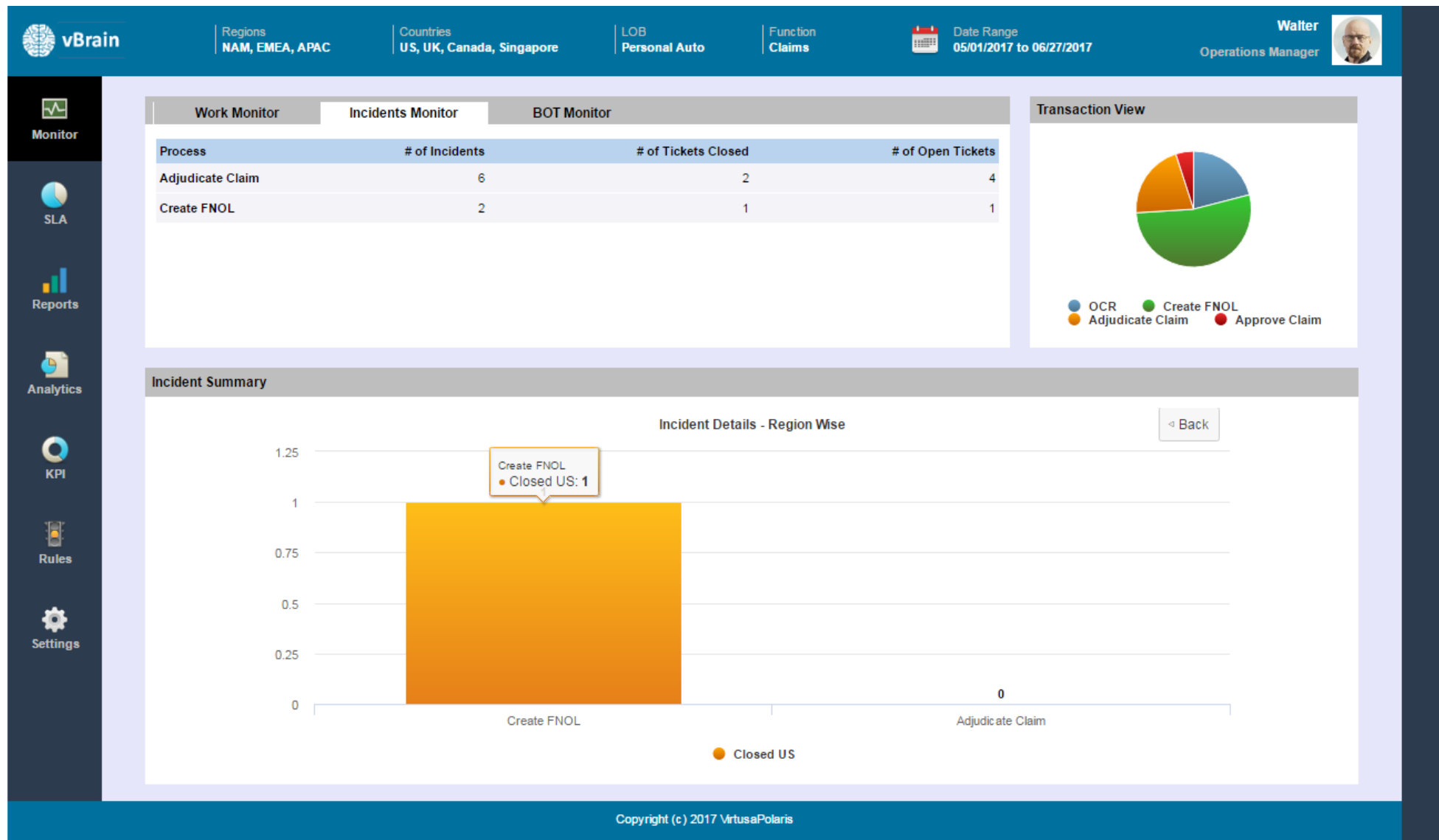
1.5 Process wise Daily/Monthly/Yearly work data



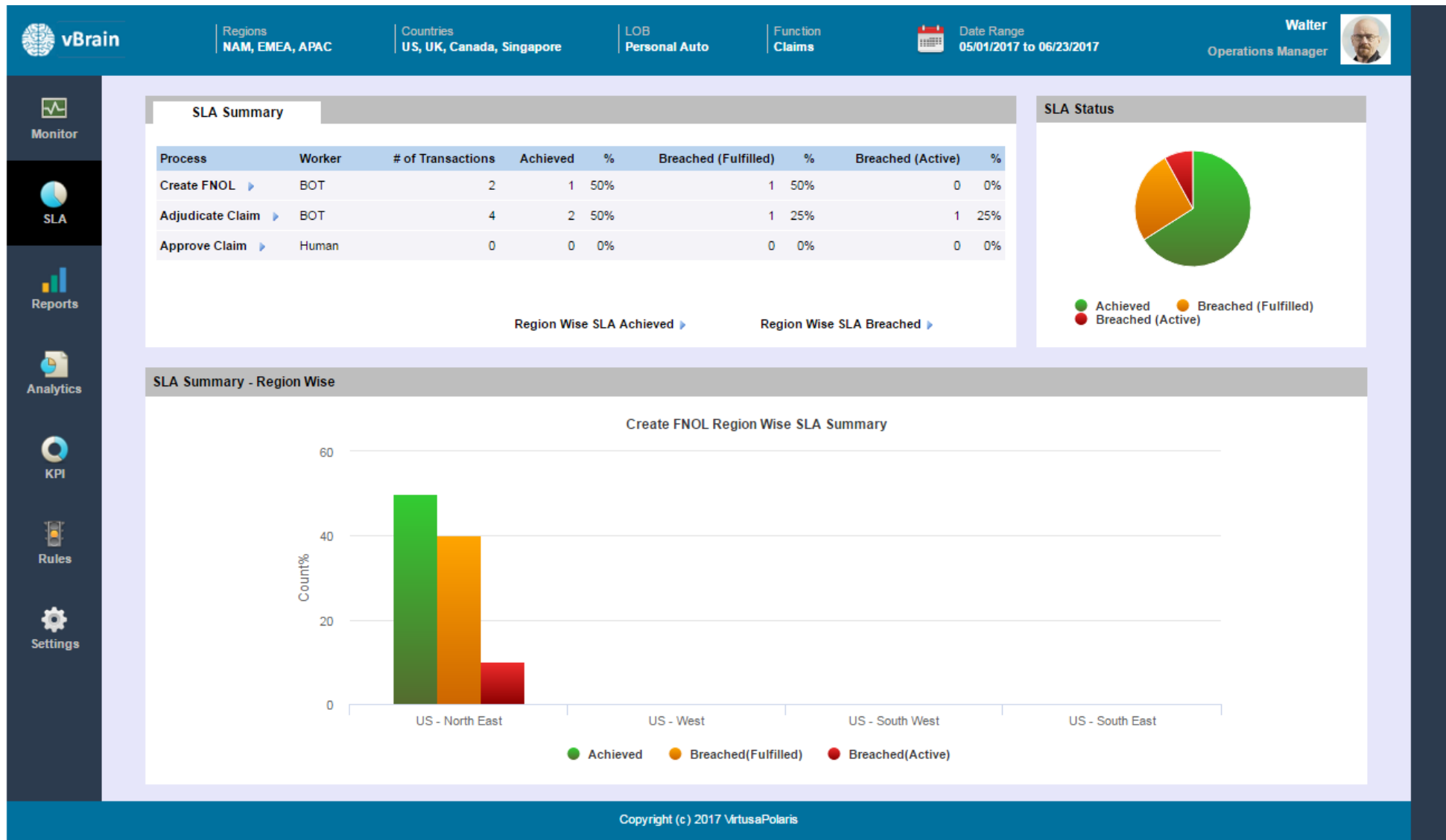
1.6 Process wise incidents reported



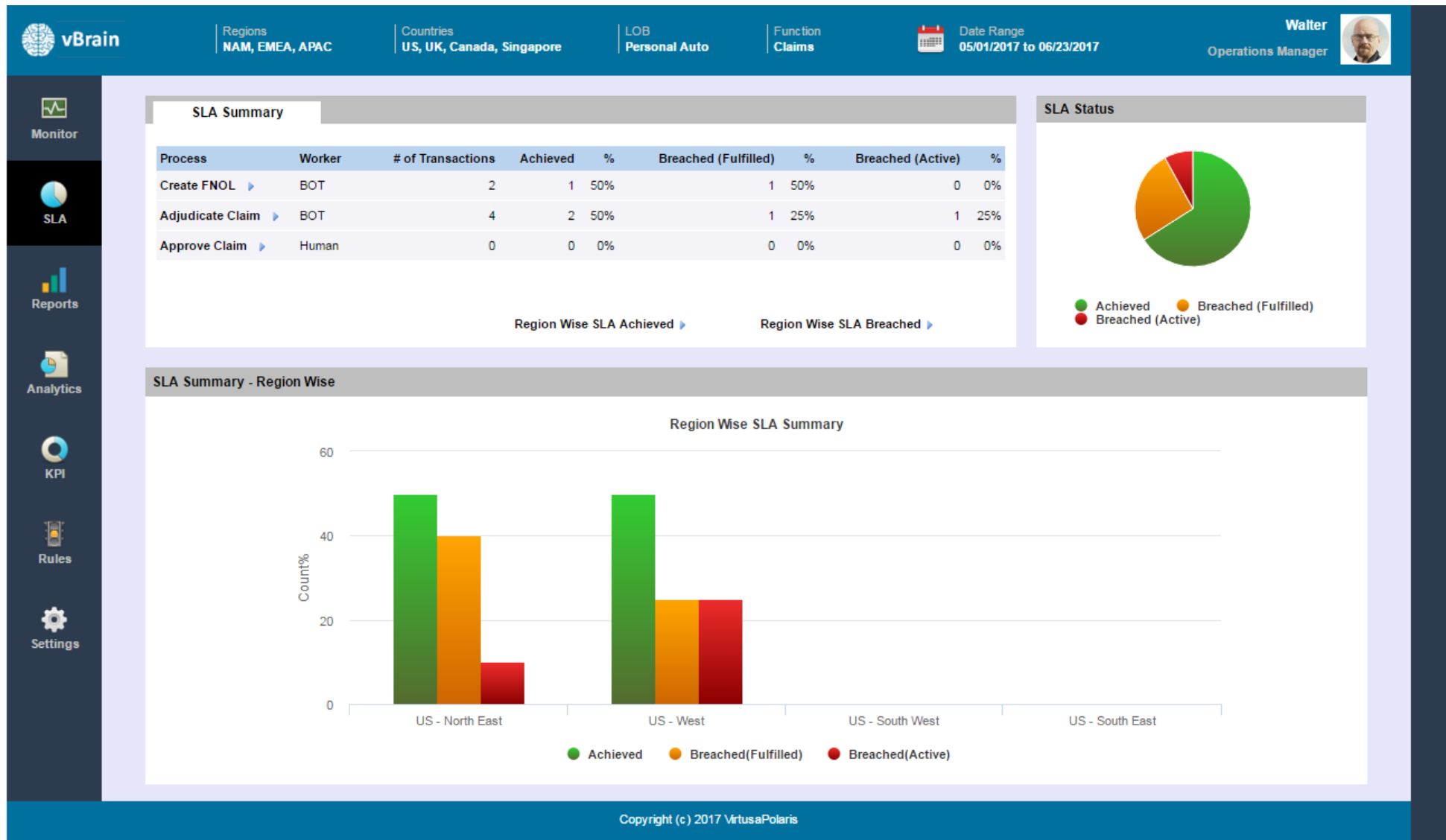
1.7 Region wise incident status and its process wise breakup



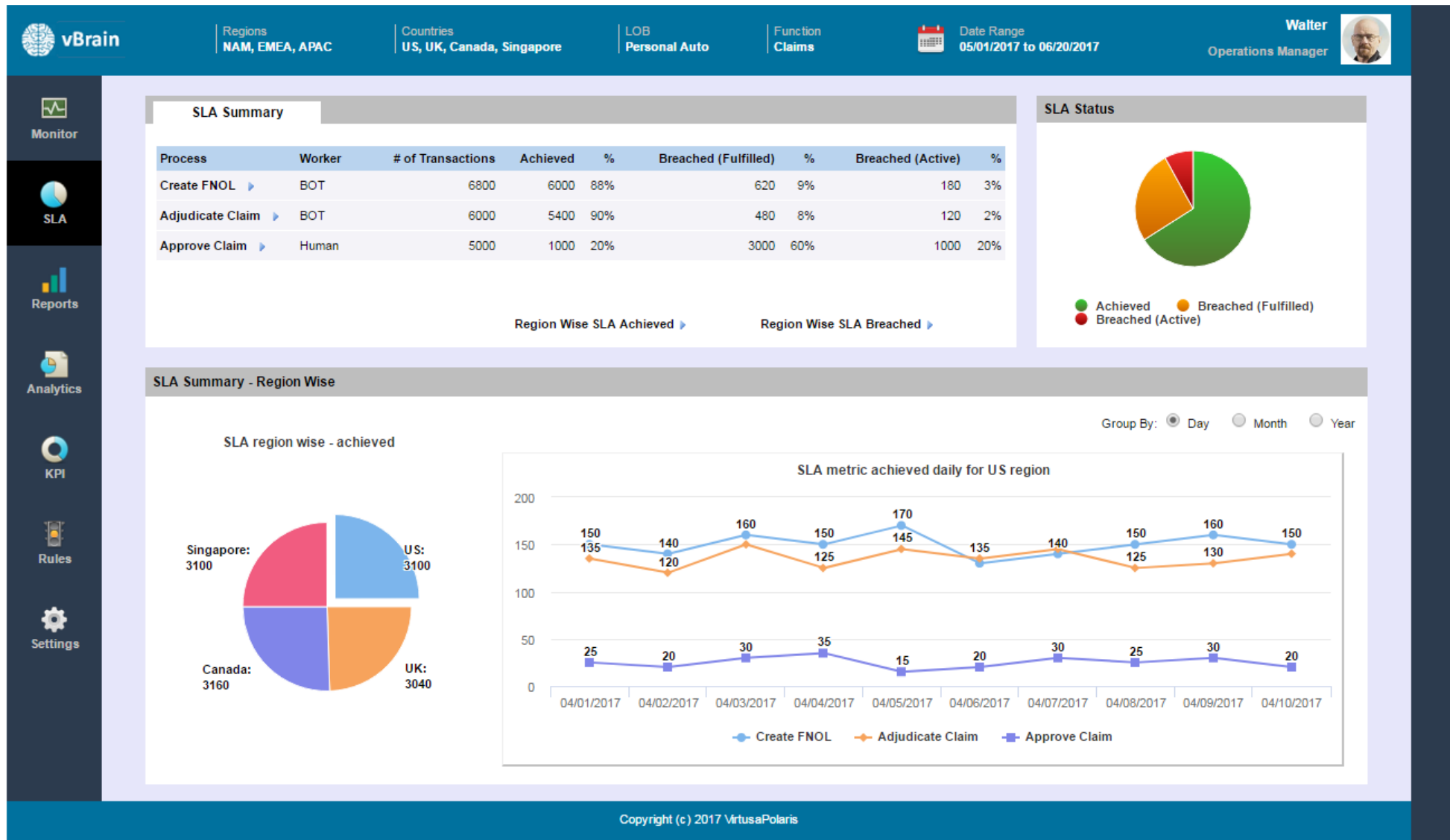
1.8 Process wise transactions that achieved/ breached SLA



1.9 Region wise transactions that achieved/ breached SLA



1.10 Daily / Monthly / Yearly trends of SLA



Bot Registration

vBrain

Regions: NAM, EMEA, APAC | Countries: US, UK, Canada, Singapore | LOB: Personal Auto | Function: Claims | Date Range: 05/01/2017 to 06/23/2017 | **Walter** Operations Manager

Monitor
SLA
Reports
Analytics
KPI
Rules
Settings

BOT Registration | Define Process | Configuration Settings

Bot Key: Process:

Bot Provider: Workstep:

Description: Region/ Country:

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| THANK YOU!

