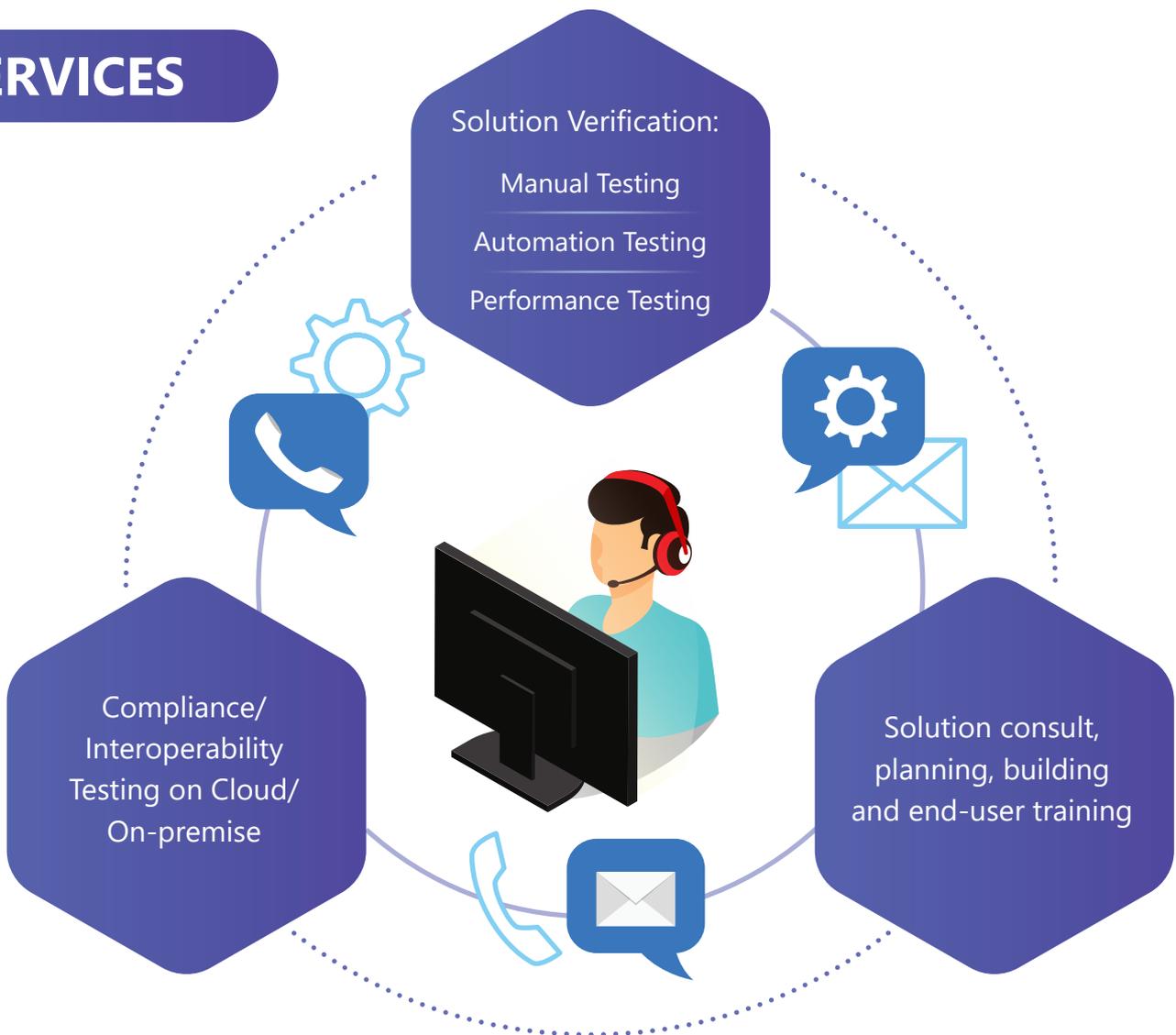


# Contact Center QA & Consulting services

*Competent staff with mature framework make your Contact Center solution great with any Experience*

## SERVICES



# TMA COMPETENCIES

15 Years of Experiences with Contact Center solution from Small and Medium Business to Enterprise

Product variety from Legacy Call Center to Next Generation Omni Channel Contact Center

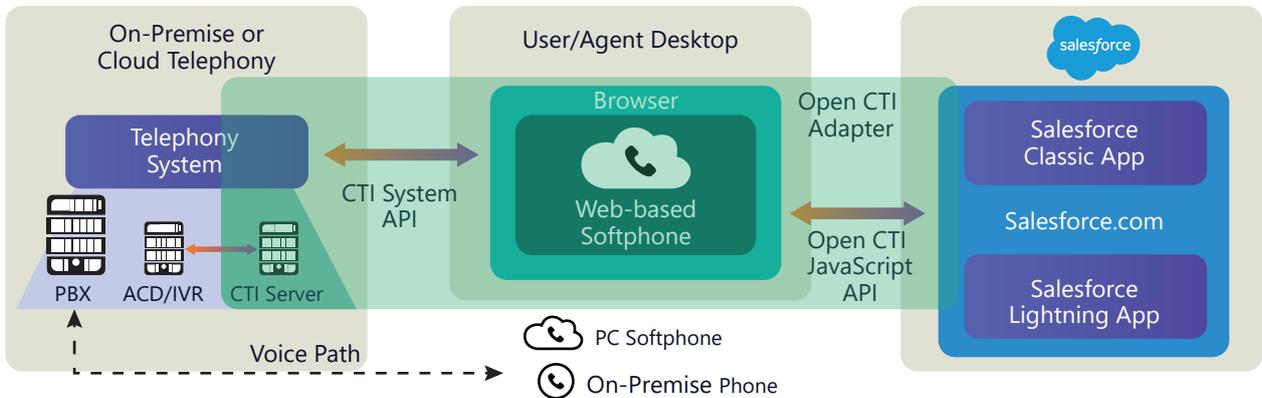
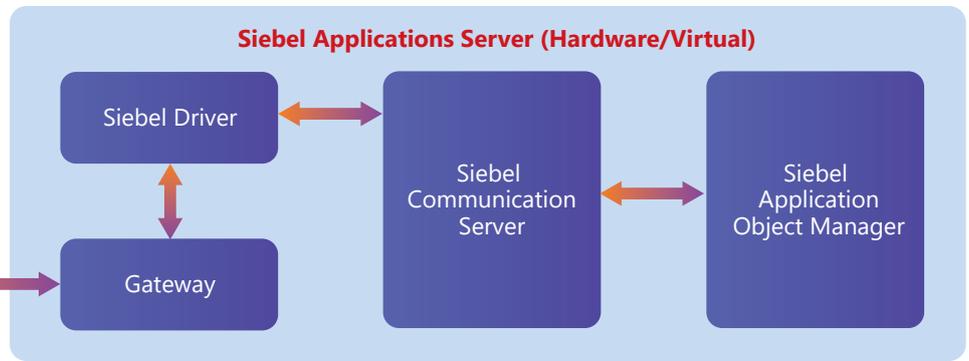
Wide range of Contact Center Experiences:



Extended Customer Experience Solution with Salesforce, Siebel



JTAPI Server



# CONTACT CENTER CAPACITY

Media	Maximum Number of Active Agents			Maximum Supported Call/Contact per Hour		
	Small	Medium	Enterprise	Small	Medium	Enterprise
Voice only	400	1000	5000	5600	10000	45000
Inbound Email only	400	400	3000	1200	4000	12000
Chat only	400	200	3000	600	4000	12000
Voice/Email/Chat	400	1000	3000	8000	6000	80000
Outbound		300	500		3000	1500
Social			300			18000

# TECHNOLOGIES

## Technologies

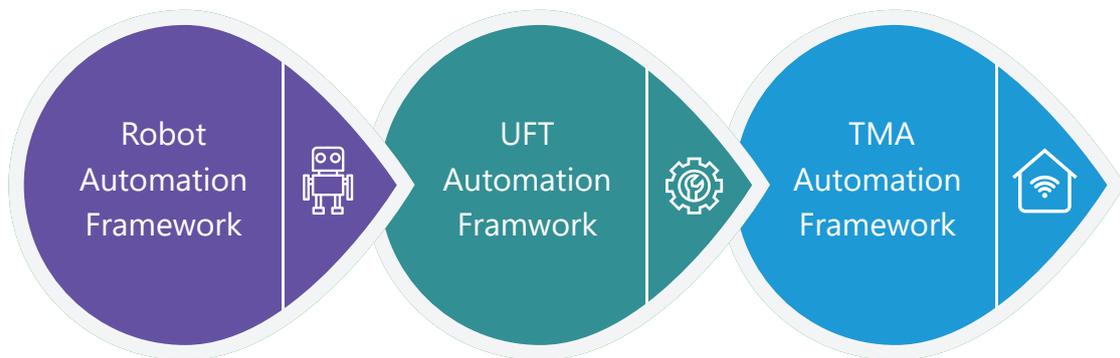
### Agent endpoint:

Analog, H323, SIP, IP Office

### Window services:

DNS, Exchange, Web server, LDAP, Certificate Authority...

## Framework



## Programming

Perl, Python, Bash/Shell, Java, VB Script, .Net, C++, C#

## Testing Tools

- HP QC, Atlassian Suite (JIRA, Confluence, Crucible, Zephyr), Wireshark, TCPdump, SSH/Putty, Colasoft Packet Play, SmartBits, SIPp
- Security tool: (Nessus, OWASP, NMAP, BurpSuit)
- Development tools: Eclipse, JRE 1.8, Maven 3.5, IntelliJ

## Platforms

- Contact Center solutions:
  - SIP-enabled Unified Communications for Enterprise and SMB
  - AML-based Communication Server 1000 for Enterprise and SMB
  - IP Office based Communication Server
- Operation System: Window server 2012/2016, Linux Redhat 6.x/7.x/8.x

# CASE STUDIES

## CONTACT CENTER TESTING

### Testing service

Functional testing | System/solution level testing | Performance testing | Automation testing

### Features Cover

- Intelligent contact routing (skill/attribute based algorithm)
- Extensive real-time and historical reporting tools - to improve efficiency and productivity
- Support for multiple platforms such as TDM, IP, and SIP
- Inbound and Outbound voice, and multimedia contact support
- Multimedia-enabled agent desktop and supervisor tools that you can use to manage multimedia contacts
- Integrated outbound capability to create, modify, and monitor outbound campaigns

## PROFESSIONAL SERVICES

### Services

- Installing
- Configuring
- Troubleshooting
- Supporting and Handover

### Customer

- Agoda: Migrate the AACC High Available system from Hong Kong to Singapore
- FCC: Fresh install the AACC High Available system
- ESL: Upgrade AACC system from 7.0 SP0 to 7.0.1 FP1

## CONTACT CENTER AUTOMATION TESTING

### Services

- Testing services: Automate agent user cases at REST Api level, Web automation testing
- Development services: maintenance MOCK code for testing new functions

### Frameworks and Tools

- Behavior Driven Development Cucumber testing framework bases on Java Maven project
- Development tools: IntelliJ (community version), JRE 1.8, Maven 3.5, Cucumber for Java plugin, Git 2.16, Docker Selenium
- CI Tools: Jenkins, Bamboo
- Code Quality: Crucible, Bitbucket

