# IBM Operations Management

Telecom Analytics Solutions + Netcool

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## TAS/Netcool Integration: Leveraging Customer Experience to drive Service Assurance Response

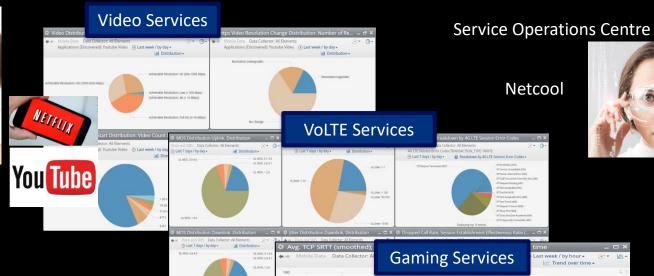
- Use Customer Experience and Service degradation information directly to drive OSS Service Assurance Response via Netcool integration
- Simple Smart Device management integrated with Netcool for OSS:
  - Video and VolTE voice call quality for mobile networks and smart devices
- Leverage near real-time alarms to drive proactive resolutions
  - Reduce outage durations
  - Decrease OPEX in route cause investigations
  - Prevent calls into customer care
  - Improve customer satisfaction
- Start your Mobile network journey to full Customer Experience Management with a clear and simple actionable solution
  - Alarm, Identify, Prioritise, Raise Ticket for workforce management -> Intent Based Orchestration





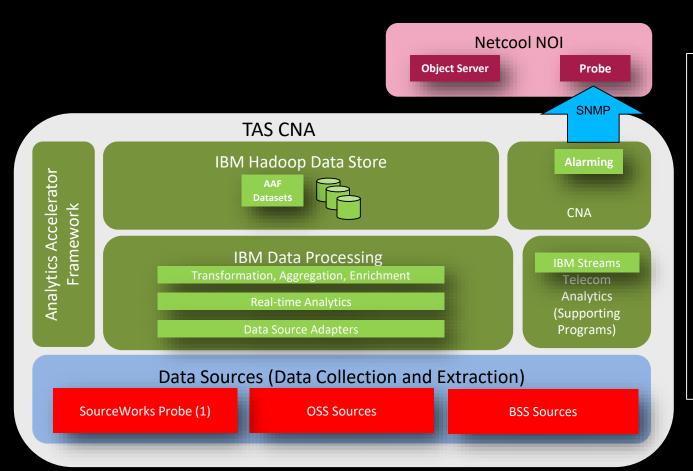
#### When Service Assurance knows what is happening, they are your first defense





- In the UK, 59% of respondents selected Network performance and reputation as an impact on their choice of network provider
- Almost half of UK respondents would switch to another provider if they are sure they get a better-quality video experience
- - IBM Institute of Business Value, Consumer Survey 2019

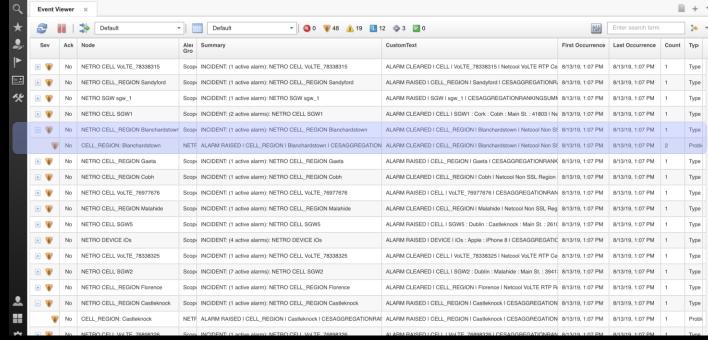
#### High Level Architecture Based on Existing Products



Bringing together two existing products using the SNMP interface, enables the rich customer experience based insights from TAS CNA to be integrated with existing Network Operation alarms to deliver proactive capabilities to the customer

Integration of TAS experience alarms into NOI

- Experience alarm detected in NOI from TAS CNA



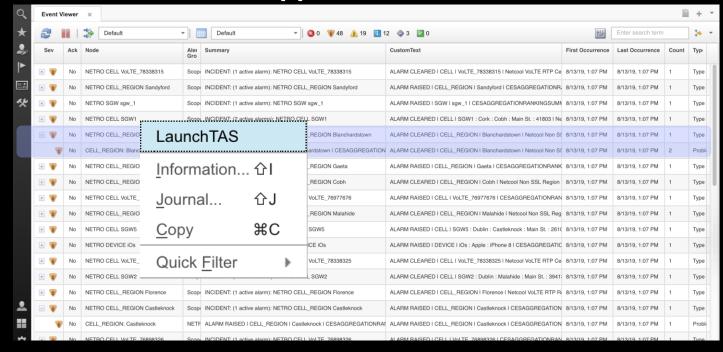
We have some video experience alarms in the Blanchardstown area. Launch investigation



In the NOI view we can see some Video Experience alarms in the Blanchardstown Region of Dublin which require investigation



# Integration of TAS experience alarms into NOI - Launch TAS Application from NOI



Let me launch the TAS application and take a look

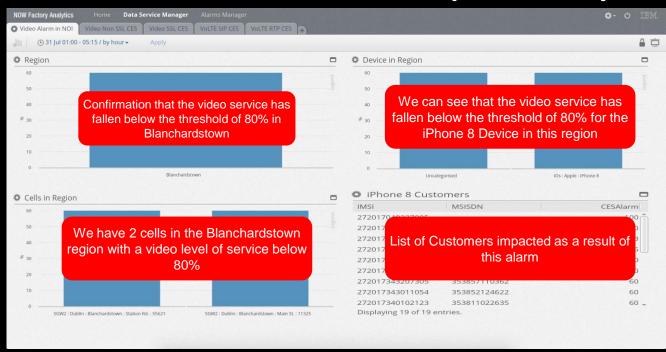


The Operations engineer can launch straight into the TAS CNA Application to investigate the reasons behind the alarm



#### Integration of TAS experience alarms into NOI

- Dashboards in TAS CNA help to identify the problem



19 customers
were impacted by
the problem so I
will advise the
care teams to
contact the
customer



The dashboard enables the operations engineer to quickly see an overview of the service and identify the areas for focus



## Thank you!

