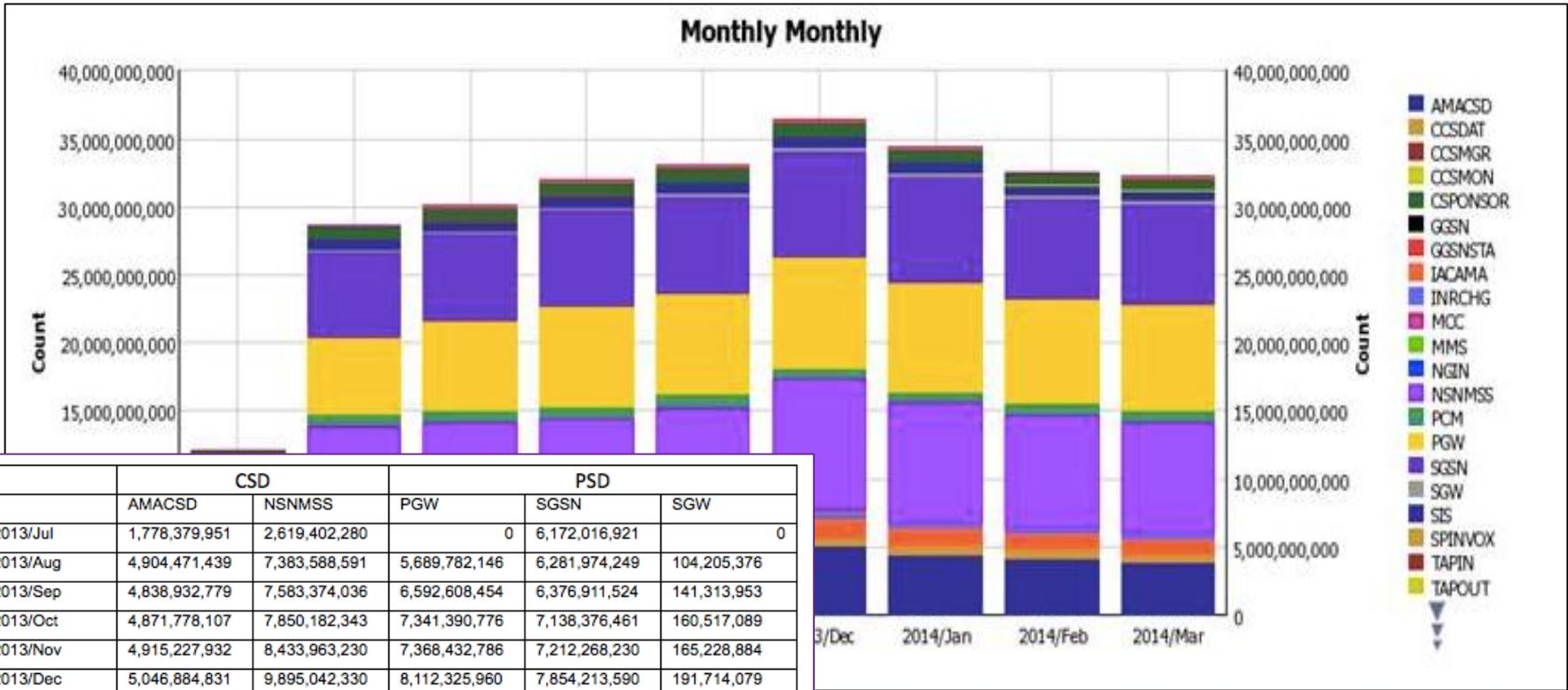




Project Phoenix

Capacity Issues Drive Mediation System Replacement

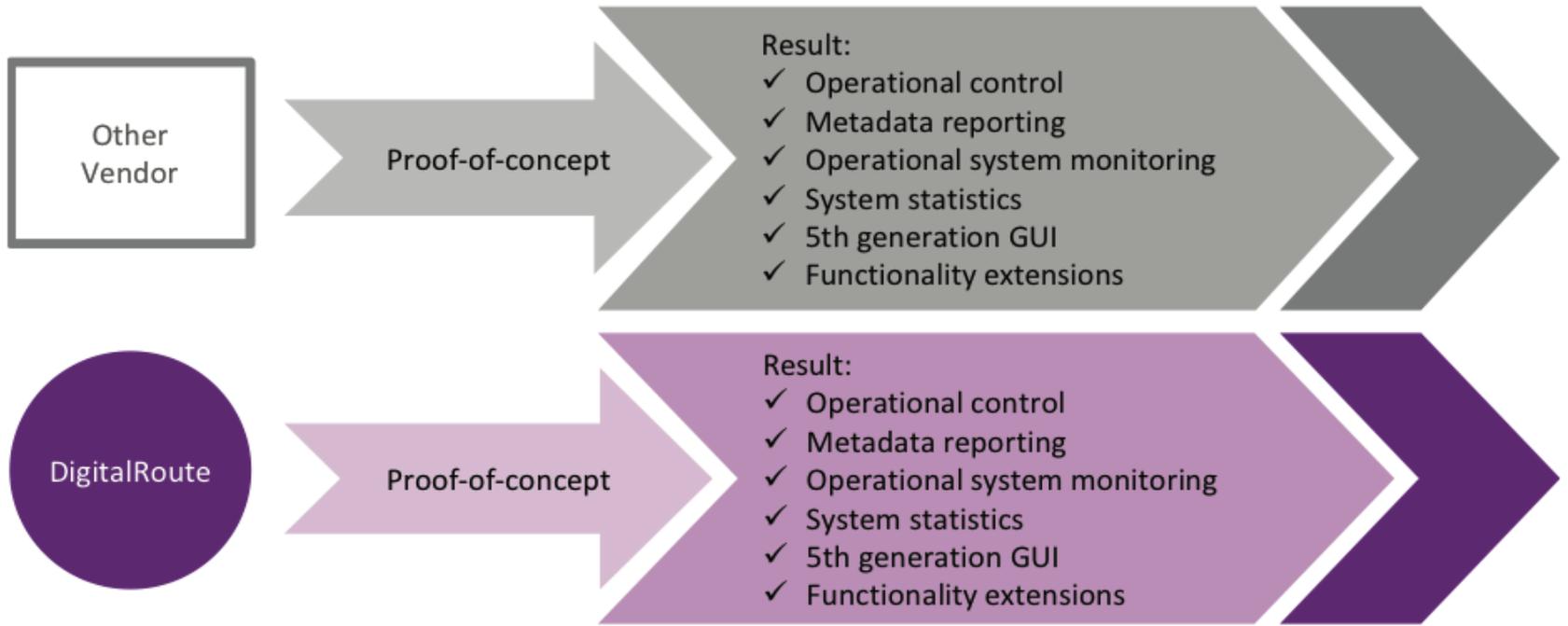
BACKGROUND AND SCOPE



	CSD		PSD		
	AMACSD	NSNMSS	PGW	SGSN	SGW
2013/Jul	1,778,379,951	2,619,402,280	0	6,172,016,921	0
2013/Aug	4,904,471,439	7,383,588,591	5,689,782,146	6,281,974,249	104,205,376
2013/Sep	4,838,932,779	7,583,374,036	6,592,608,454	6,376,911,524	141,313,953
2013/Oct	4,871,778,107	7,850,182,343	7,341,390,776	7,138,376,461	160,517,089
2013/Nov	4,915,227,932	8,433,963,230	7,368,432,786	7,212,268,230	165,228,884
2013/Dec	5,046,884,831	9,895,042,330	8,112,325,960	7,854,213,590	191,714,079
2014/Jan	4,470,483,029	8,922,970,753	8,104,269,183	7,834,624,781	213,550,431
2014/Feb	4,164,143,805				
2014/Mar	3,902,995,270				

KPI's 2013/2014	November	December	January	February
FMS/MZ Event Age %	97.07	93.09	97.35	92.25
Total Polling stats (MZ)	33 035 614 739	36 378 933 013	34 407 488 689	32 587 367 530

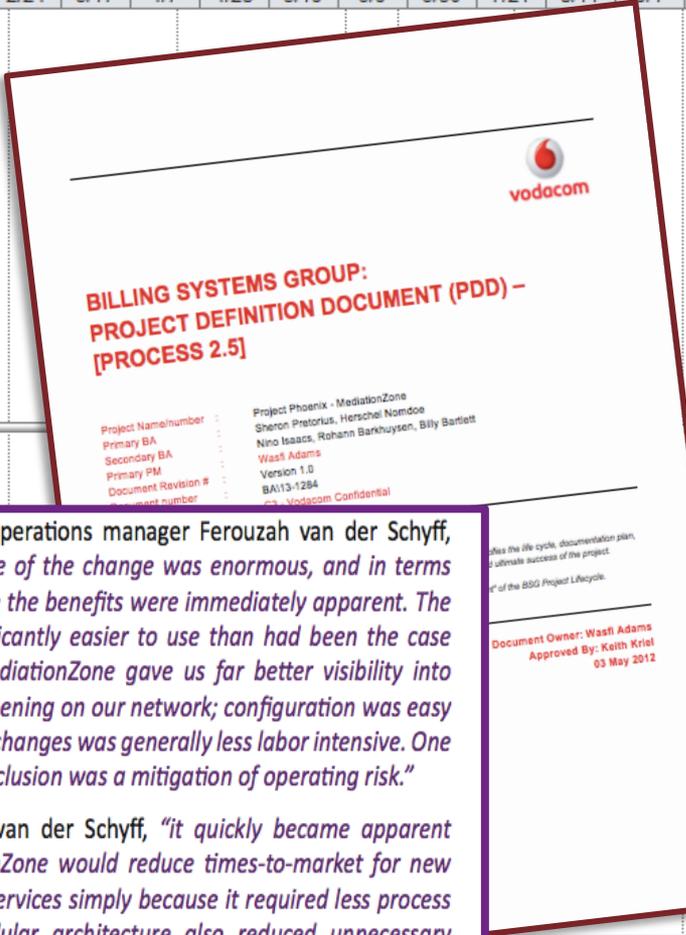
WHY DIGITALROUTE?



The Swisscom visit provided Vodacom with a view of how MediationZone could be implemented in a distributed configuration to address Use Cases beyond basic billing mediation.

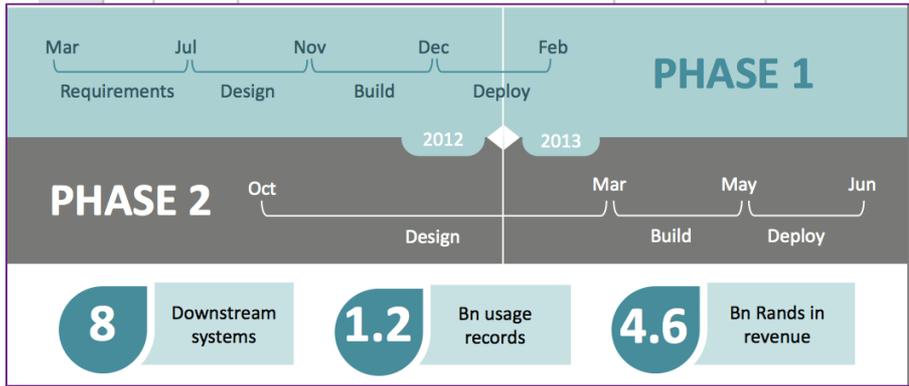
PROJECT MANAGEMENT

	i	% complete	Task Name	Duration	Start	January 11		March 1		April 21		June 11		August 1	
						1/13	2/3	2/24	3/17	4/7	4/28	5/19	6/9	6/30	7/21
81		69%	Phase I	175 days	5										
82	✓	100%	ANALYSIS	21 days	5										
90	✓	100%	IMPLEMENTATION	69 days	6										
101	✓	100%	DEPLOYMENT	30 days	10										
108		30%	ACCEPTANCE	20 days	11										
111		0%	Pre-Production testing by Ops	6 days	12										
114		0%	GO-LIVE -sams	0 days	12/										
115		0%	PARALLEL RUN	29 days	12/										
116		0%	GO-LIVE -the rest	0 days	2										
117		0%	CLOSURE	5 days	2										
118		45%	Phase II	251 days	7										
119		65%	ANALYSIS	102 days	7										
139		66%	IMPLEMENTATION	105 days	9										
157		0%	DEPLOYMENT	36 days	2										
164		0%	ACCEPTANCE	44 days	4										
165		0%	Acceptance Test (UAT)	20 days	4										



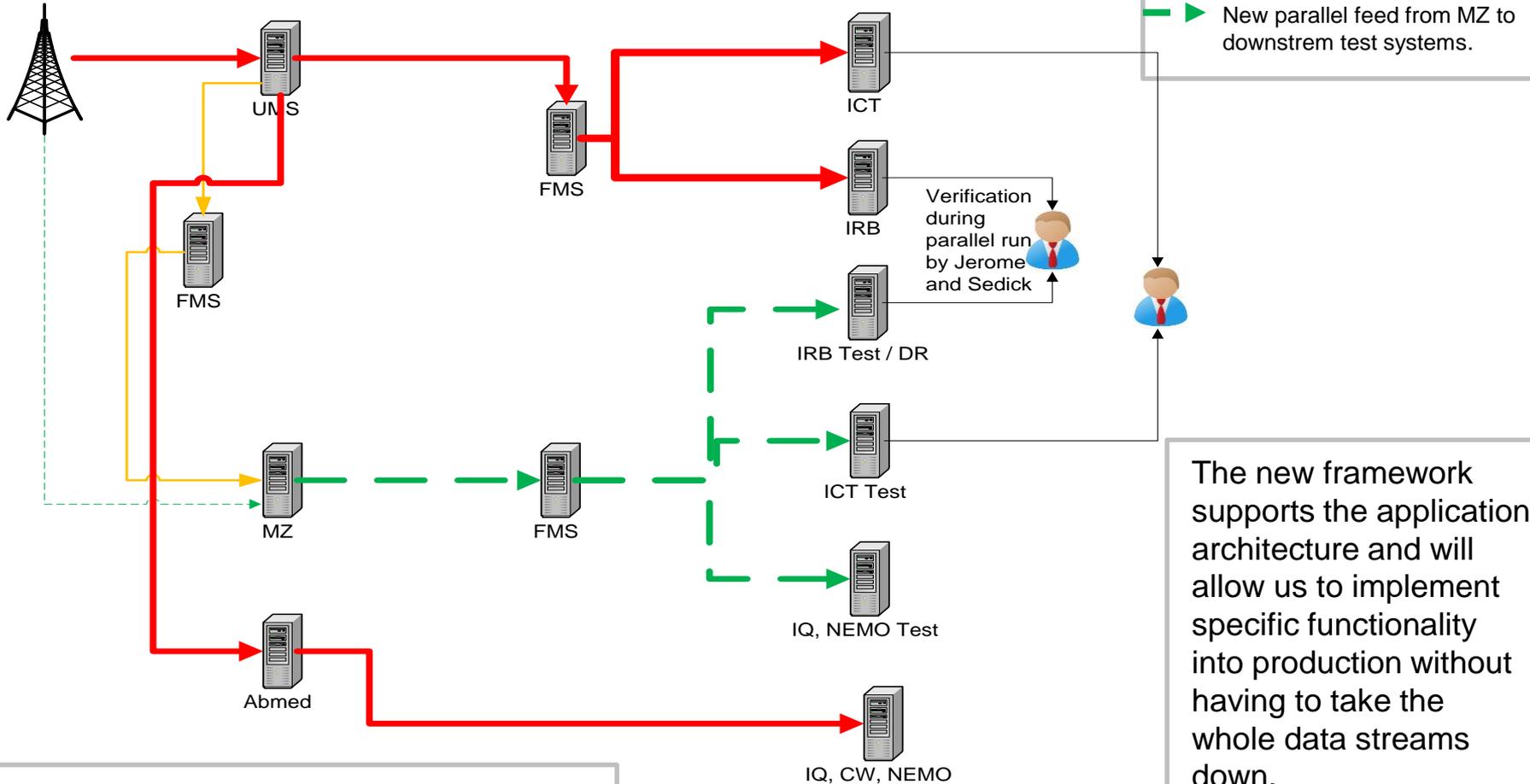
According to operations manager Ferouzah van der Schyff, "the magnitude of the change was enormous, and in terms of performance the benefits were immediately apparent. The GUI was significantly easier to use than had been the case with UMS; MediationZone gave us far better visibility into what was happening on our network; configuration was easy and deploying changes was generally less labor intensive. One immediate conclusion was a mitigation of operating risk."

Further, adds van der Schyff, "it quickly became apparent that MediationZone would reduce times-to-market for new products and services simply because it required less process steps. Its modular architecture also reduced unnecessary work. Today, if there's a business-critical requirement we are confident we can deploy it without delay."



MANAGE RISKS

Network Element



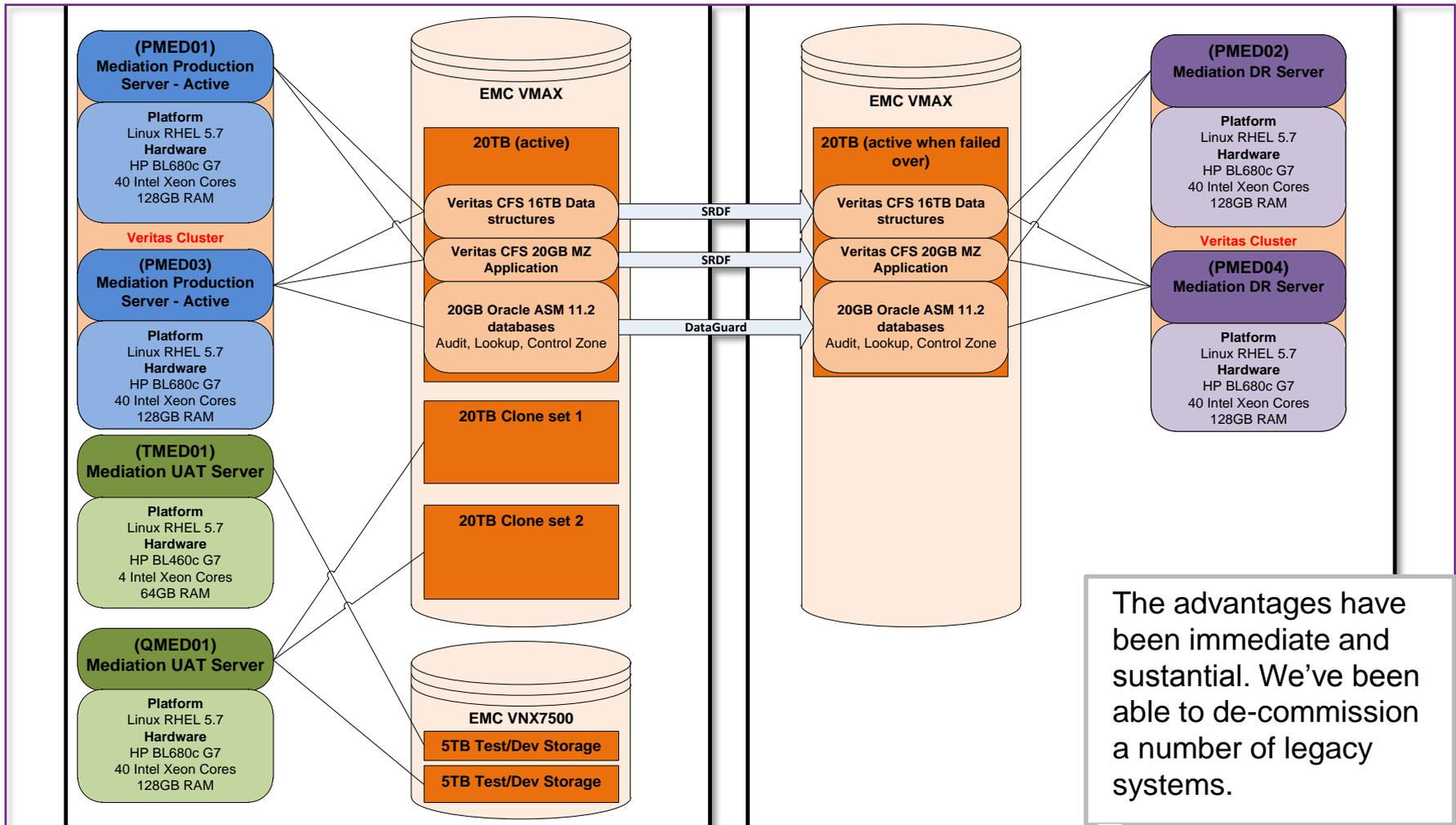
→ Current Production Feeds.
→ New parallel feed from MZ to downstream test systems.

The new framework supports the application architecture and will allow us to implement specific functionality into production without having to take the whole data streams down.

- Keith Kriel, Vodacom

→ MZ polling the network elements after production cutover.
→ Production copy of data during parallel run.

TECHNICAL EXPERTISE = RESULTS



- Keith Kriel, Vodacom

SUMMARY

EXPERT – Deep subject matter knowledge delivers results.

OPEN-MINDED – Have a plan. Follow it. But be willing to think outside the box.

COMMITTED – Turn problems into opportunities. Breakdowns are inevitable but how you address them can be the difference between project success and failure. For instance, when MediationZone broke midway through the implementation, we used the time to configure new hardware on site while Stockholm ironed out the bugs.

