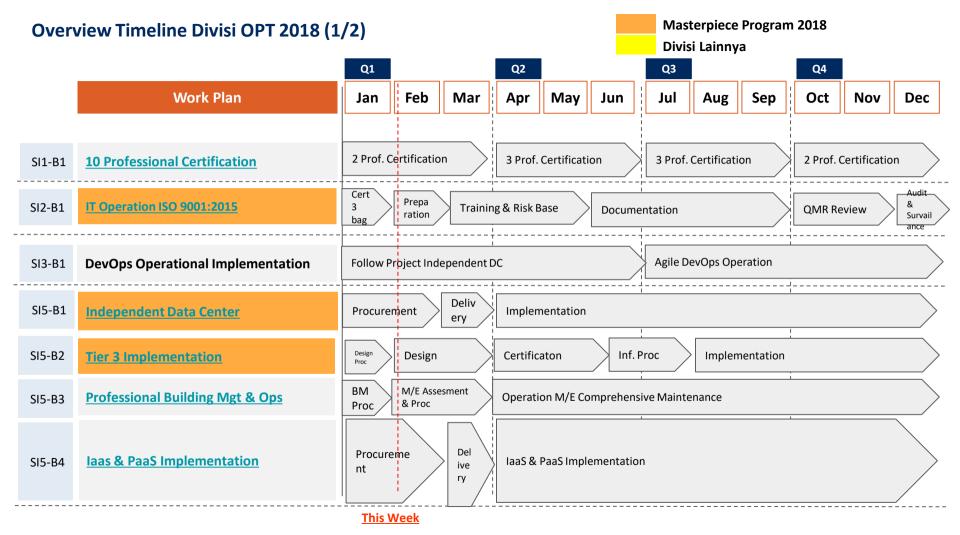


# **Weekly Report 2018**

Divisi Operasional TI 07 Februari 2018



## Timeline: Masterpiece (298, 24, 294); SI (288, 363, 115); Others (364)



Select a p	oroject ▼			₀₽ Oper	Project			Q :	■ (	?	1
IT OF	PT -					+	Work package	0	덬	K 34	:
ID	½ SUBJECT	LAST PROGRESS(%)	PROGRESS (%)	STATUS	ASSIGNEE	UPDATED ON	PROJECT †				+
288	> Professional Certification	13%	33%	Scheduled	otty Andesita	05 Feb 2018 12:18	SI.01. Professional Certification				
298	> PROJECT ISO 9001:2015	8%	20%	In progress	otty Andesita	05 Feb 2018 12:11	SI.02. ISO 9001:2015 Certificat	ion			
24	> SI.5.1. Independent Data Center	47%	55%	In progress		18 Jan 2018 00:31	SI.05.01. Independent Data Cer	nter			
294	> SI.5.2 Tier 3 Data Center Implement	28%	29%	New		02 Feb 2018 18:48	SI.05.02. Tier 3 Data Center Imp	olementa	tion		
363	> SI.5.3. Professional Building Mgt & C	66%	66%	New	Romi Nur Ismanto	17 Jan 2018 20:06	SI.05.03. Professional Building N	Mgt & Op	)5		
115	> SI.5.4. laaS & PaaS Implementation	27%	27%	New		18 Jan 2018 01:53	SI.05.04. IaaS & PaaS Implemen	tation			
364	> SI.10. BRIBox Non Uko	28%	28%	New	Romi Nur Ismanto	17 Jan 2018 20:04	SI.10. BRIBox Non UKO				

(1 - 52/52)

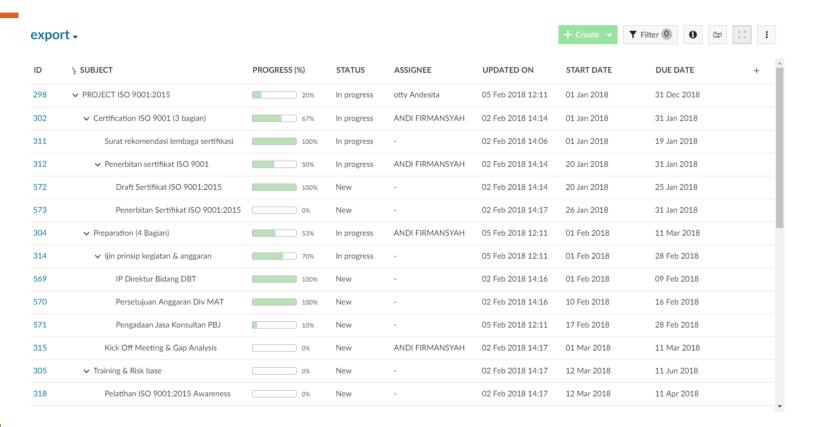




# 1. Masterpieces

#### **Masterpiece Timeline IT Operation ISO 9001:2015**







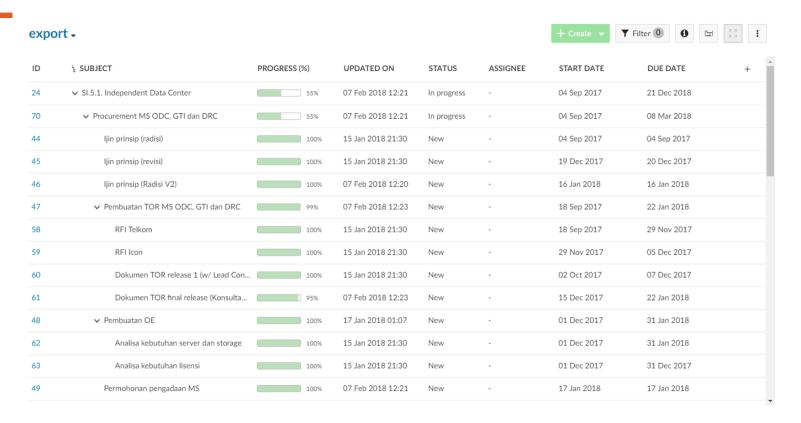
## **Masterpiece Timeline IT Operation ISO 9001:2015**



expo	rt -					+ Create ▼	▼ Filter 0	K N K N E
ID	½ SUBJECT	PROGRESS (%)	STATUS	ASSIGNEE	UPDATED ON	START DATE	DUE DATE	+
319	Risk Based-Thinking Workshop	0%	New	-	02 Feb 2018 14:17	12 Apr 2018	11 May 2018	
321	Identify list of document	0%	New	-	02 Feb 2018 14:17	12 May 2018	11 Jun 2018	
306	→ Documentation & Implementation	0%	New	-	02 Feb 2018 14:17	12 Jun 2018	11 Oct 2018	0
322	Context of Organization, Internal/Exter	. 0%	New	-	02 Feb 2018 14:17	12 Jun 2018	11 Jul 2018	
324	Stakeholder Mapping, Policy, objectives.	0%	New	-	02 Feb 2018 14:17	12 Jul 2018	11 Sep 2018	
325	BPO, SOP, Register, Form Development	0%	New		02 Feb 2018 14:17	12 Jun 2018	11 Sep 2018	
326	Fine-tuning, Finalization, and Socializati.	. 0%	New	-	02 Feb 2018 14:17	12 Sep 2018	11 Oct 2018	
308	→ QMR Review	0%	New		02 Feb 2018 14:17	12 Oct 2018	30 Nov 2018	
327	Internal Audit Training	0%	New	-	02 Feb 2018 14:17	12 Oct 2018	24 Oct 2018	
328	Quality Assurance Audit oleh Konsultan	0%	New	-	02 Feb 2018 14:17	25 Oct 2018	11 Nov 2018	
329	Corrective Action (perbaikan atas hasil	. 0%	New		02 Feb 2018 14:17	12 Nov 2018	28 Nov 2018	
333	Management Review Meeting	0%	New	-	02 Feb 2018 14:04	14 Nov 2018	30 Nov 2018	
309	✓ Audit & Survailance	0%	New		02 Feb 2018 14:04	01 Dec 2018	31 Dec 2018	
330	Verification & Preparation for Recertific.	0%	New	-	02 Feb 2018 14:04	01 Dec 2018	08 Dec 2018	
331	Stage-1 Certification Audit	0%	New		02 Feb 2018 14:04	09 Dec 2018	14 Dec 2018	₩
332	Stage-2 Certification Audit	0%	New	-	02 Feb 2018 14:04	15 Dec 2018	31 Dec 2018	

#### **Masterpiece Timeline Independent Data Center**

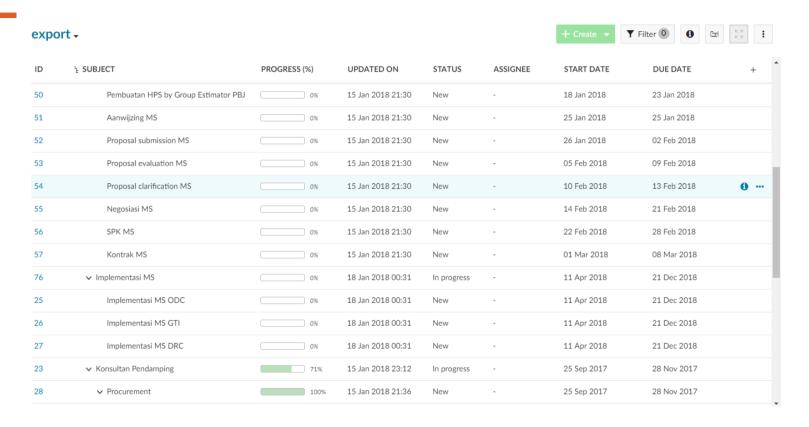






#### **Masterpiece Timeline Independent Data Center**



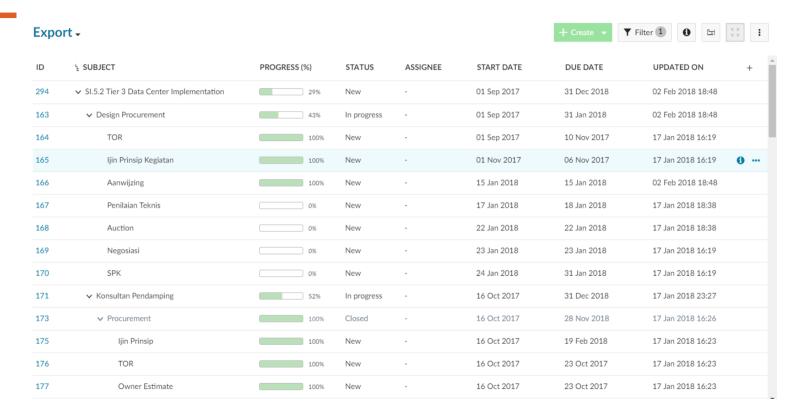


# **Masterpiece Timeline Independent Data Center**



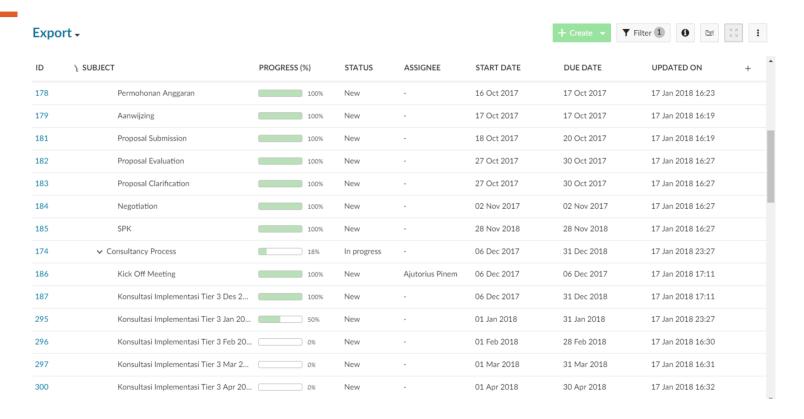
expor	t.					+ Create ▼	▼ Filter 0	д <sup>кд</sup> :
ID	½ SUBJECT	PROGRESS (%)	UPDATED ON	STATUS	ASSIGNEE	START DATE	DUE DATE	+
30	ljin prinsip	100%	15 Jan 2018 21:36	New	-	25 Sep 2017	29 Sep 2017	
31	TOR	100%	15 Jan 2018 21:36	New	-	02 Oct 2017	09 Oct 2017	
32	Owner Estimate	100%	15 Jan 2018 21:36	New	-	02 Oct 2017	09 Oct 2017	
33	Permohonan pengadaan	100%	15 Jan 2018 21:36	New	-	10 Oct 2017	11 Oct 2017	
34	Aanwijzing	100%	15 Jan 2018 21:36	New	-	17 Oct 2017	17 Oct 2017	
35	Proposal submission	100%	15 Jan 2018 21:36	New	-	18 Oct 2017	20 Oct 2017	
36	Proposal evaluation	100%	15 Jan 2018 21:36	New	-	27 Oct 2017	30 Oct 2017	
37	Proposal clarification	100%	15 Jan 2018 21:36	New	-	27 Oct 2017	30 Oct 2017	0
38	Negosiasi	100%	15 Jan 2018 21:36	New	-	02 Nov 2017	02 Nov 2017	
39	SPK	100%	15 Jan 2018 21:36	New	-	28 Nov 2017	28 Nov 2017	
29	▼ Consultancy process	0%	15 Jan 2018 21:36	New	-	-	-	
40	Pembuatan TOR	0%	15 Jan 2018 21:36	New	-	-	-	
41	Pembuatan OE	0%	15 Jan 2018 21:36	New	-	-	-	
42	Pembuatan Design Arsitektur 3 DC	0%	15 Jan 2018 21:36	New	-	-	-	
43	Penilaian teknis project MS ODC, GTI		15 Jan 2018 21:40	New	-	-		
461	Delivery MS ODC, GTI dan DRC	0%	18 Jan 2018 00:28	New		09 Mar 2018	10 Apr 2018	



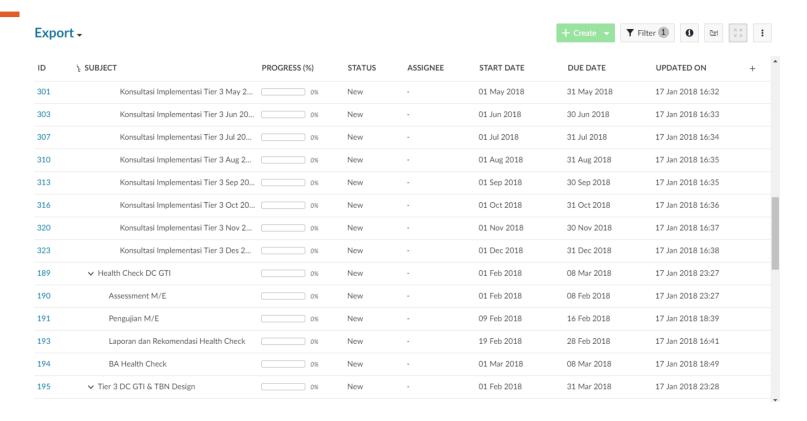




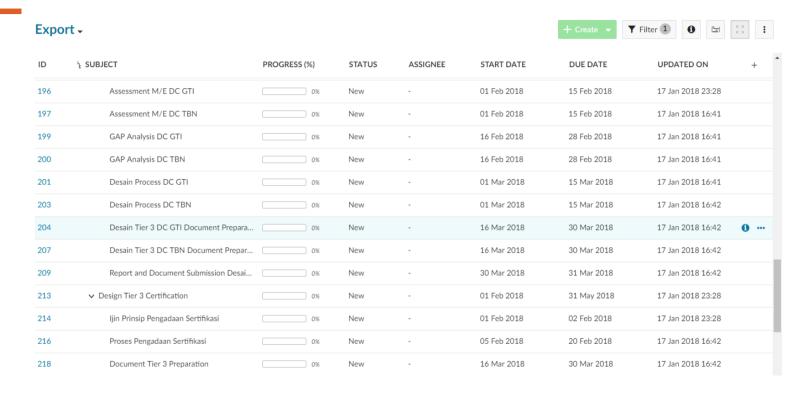




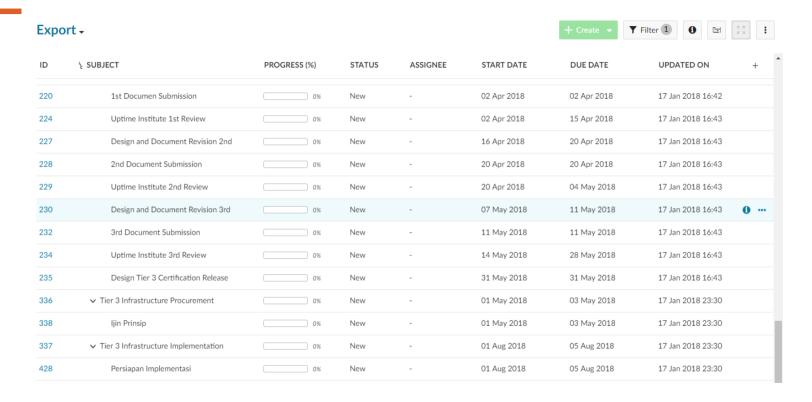










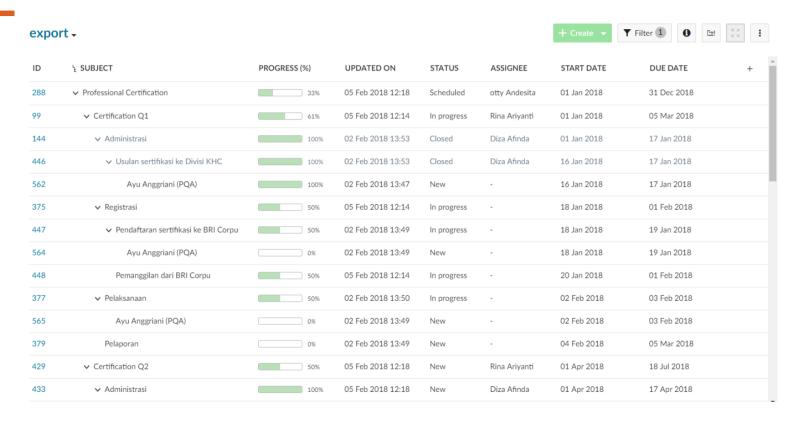




# 2. Strategic Initiatives

#### **Strategic Initiatives 10 Professional Certification**

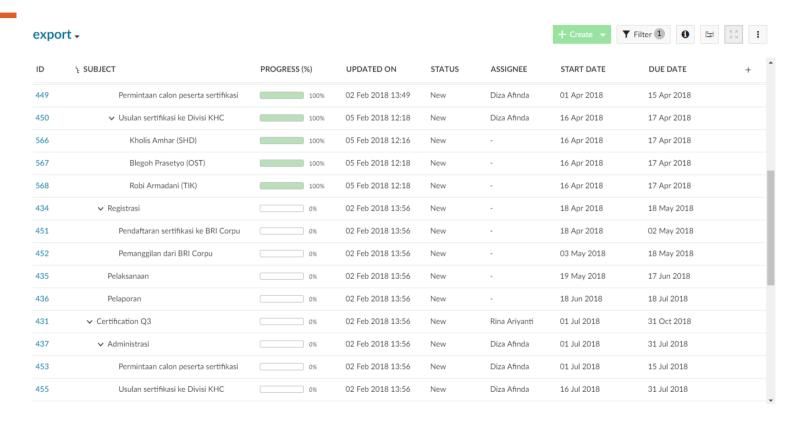






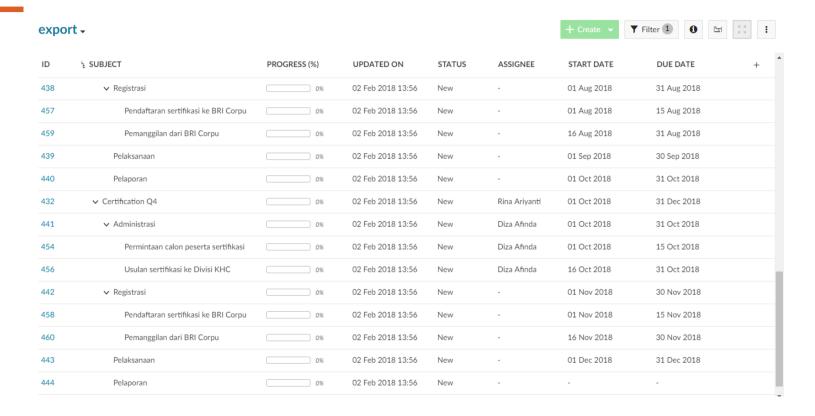
#### **Strategic Initiatives 10 Professional Certification**





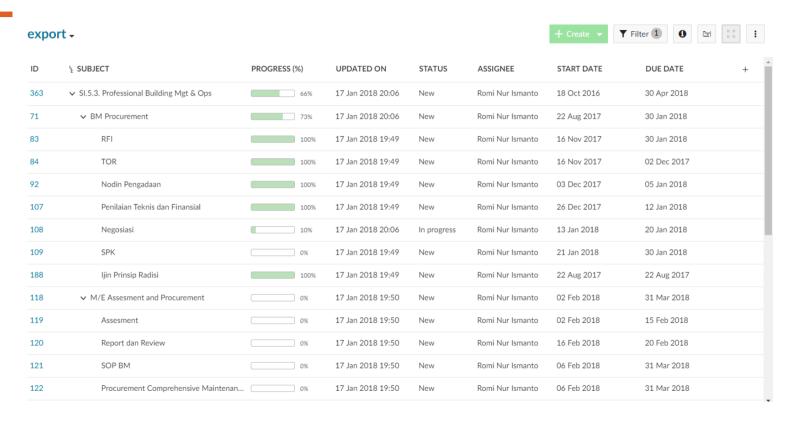
#### **Strategic Initiatives 10 Professional Certification**





#### **Strategic Initiatives Professional Building Management & Ops**

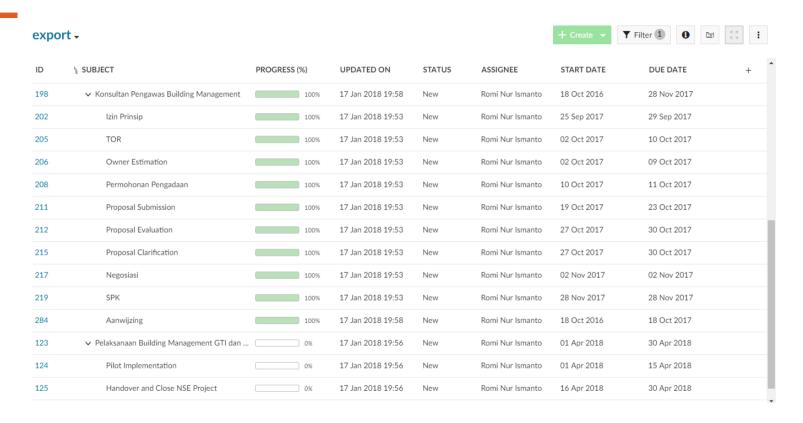






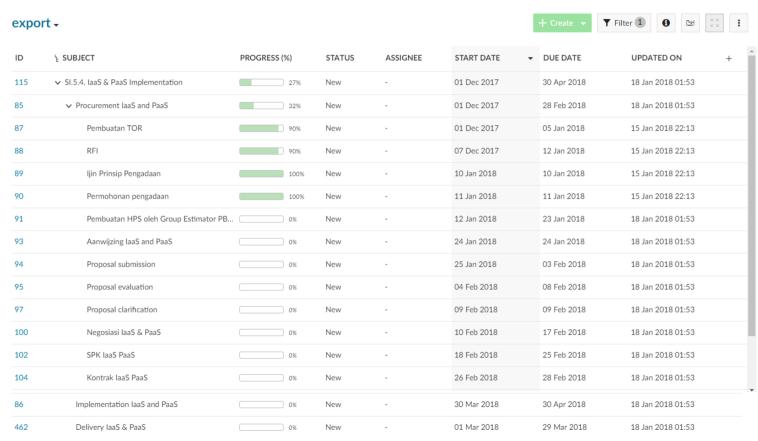
#### **Strategic Initiatives Professional Building Management & Ops**





#### **Strategic Initiatives laas & Paas Implementation**









# 3. Others

#### **Others BRIBox Non UKO**

233

Phase 3



export -ID PROGRESS (%) STATUS START DATE ¹- SUBJECT UPDATED ON ASSIGNEE DUE DATE +364 ∨ SI.10. BRIBox Non Uko 17 Jan 2018 20:04 Romi Nur Ismanto 08 Aug 2017 09 Sep 2018 28% New 150 ✓ Procurement 17 Jan 2018 20:03 Romi Nur Ismanto 08 Aug 2017 03 Mar 2018 37% New 154 Permohonan Pengadaan 70% 17 Jan 2018 20:03 In progress Romi Nur Ismanto 28 Dec 2017 28 Dec 2017 155 Aanwijzing 17 Jan 2018 20:03 19 Jan 2018 19 Jan 2018 0% New Romi Nur Ismanto 156 Proposal Submission 0% 17 Jan 2018 20:03 New Romi Nur Ismanto 22 Jan 2018 09 Feb 2018 157 Proposal Evaluation 17 Jan 2018 20:03 12 Feb 2018 18 Feb 2018 0% New Romi Nur Ismanto 221 Proposal Clarification 0% 17 Jan 2018 20:03 Romi Nur Ismanto 19 Feb 2018 20 Feb 2018 New 222 Negosiasi 0% 17 Jan 2018 20:03 New Romi Nur Ismanto 21 Feb 2018 28 Feb 2018 223 SPK 0% 17 Jan 2018 20:03 Romi Nur Ismanto 28 Feb 2018 03 Mar 2018 New ∨ Pelaksanaan Seat Management 225 0% 17 Jan 2018 20:04 New Romi Nur Ismanto 03 Mar 2018 09 Sep 2018 226 Phase 1 17 Jan 2018 20:04 Romi Nur Ismanto 03 Mar 2018 24 May 2018 0% New 231 Phase 2 0% 17 Jan 2018 20:04 New Romi Nur Ismanto 25 May 2018 26 Jul 2018

New

Romi Nur Ismanto

27 Jul 2018

09 Sep 2018

17 Jan 2018 20:04

0%







#### Top Opportunity for Improvement

- 1. Case Kartu Kredit
  - 2. Case BRISPOT

### Alert

Transaksi di merchant online / E-Commerce baik web / Mobile Apps dengan kartu kredit yang menerapkan ready secure untuk pembayaran

Utilisasi CPU 100%

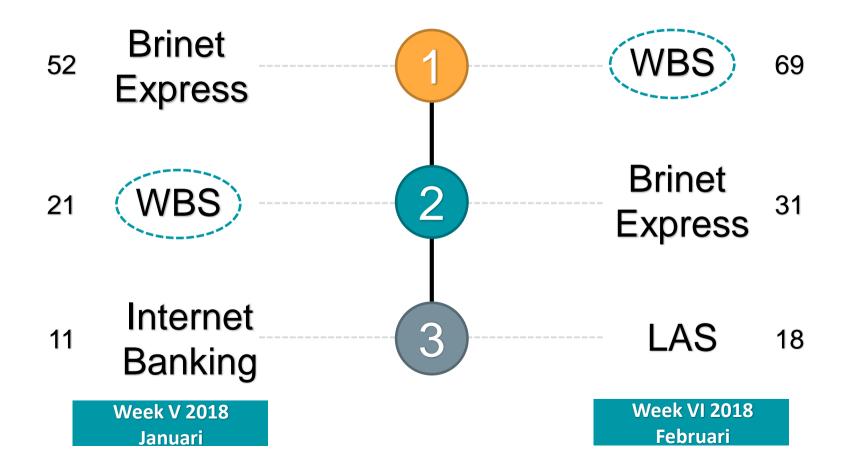
# Analysis

Card holder akan menerima token transaksi via sms namun nasabah merasa tidak melakukan transaksi

> Ada aktifitas query untuk monitoring oleh UKO yang memakan memory CPU

# Action

- 1. Investigasi (KKD,LYN,OPT,MOP,SKAI,Hukum), & pihak ke-3 (infinitium dan POLRI)
- 2. Ubah message di SMS Token untuk awareness card holder oleh infinitium
- 3. Mempersingkat masa berlaku token dari 5 menit -> 2.5 menit
  - Menu dashboard monitoring ditutup
  - Mengupayakan serah terima penanganan BRISPOT (SOP,FAQ complain handling) diserahterimakan dari tim Squat Mikro ke OPT





#### **Top 3 Complaint Week IV 2018**

				Top 3 Complaint Week IV 2018		
		Problem		Action OPT		Root Cause
WBS (69)	1. 2. 3.	Gagal approval & request kartu Tidak bisa login WBS Report penggunaan kartu tidak muncul Tidak dapat menerbitkan kartu baru	1. 2. 3. 4.	Penggantian port briinterface, proses penambahan server Penghapusan salah satu IP di database WBS Menjalankan ulang scheduler Patching atau ubah status kartu menjadi Bl	1. 2. 3. 4.	Bottleneck di briinterface dan error 'HTTP 500' Gagal login (lambat) Gagal di scheduler Proses deploy card services dari brinterface ke CAMS (tidak sempurna)
Brinet Express (31)	1. 2. 3. 4.	Gagal cancel transaction Tampilan brinet express blank Approval di menu APRJ error Tidak bisa akses NIK kemendagri	1. 2. 3. 4.	Memandu uker untuk fitur release transaction Perbaikan oleh Div. Satelit Perbaikan oleh Div. PPT Perbaikan oleh pihak ke-3	1. 2. 3. 4.	Terjadi timeout, UKO belum paham prosedur cancel transaction (Human error) Anomali di router divisi satelit (Network) Kesalahan sistem pada menu APRJ (bug) Kesalahan sistem pihak ke-3
LAS (18)	1. 2. 3.	User baru/mutasi tidak bisa login Error putusan kredit Error saat maintenance data	1. 2. 3.	Memandu untuk setting user ulang di menu Admin Mengirim IPR ke Divisi PPT Diekskalasikan ke div. PPT	1. 2. 3.	kesalahan setting (human error) Bug program Bug program

### Certification



No.	Nama Peserta	Bagian	Judul Sertifikasi	Status	Keterangan
1.	Moch. Khilmi	ISD	Certified Data Center Professional (CDCP) +Exam	Selesai	LULUS
2.	Gita Widigdo Wicaksono	INF	IT IL	Reschedule Jadwal	Confirmation Schedule
3.	Hendro Suryono	ISD	IT IL	Progress	di KHC
4.	Blegoh Prasetyo	OST	Certified Network Defender (CND) + Exam	Progress	nodin ke corpu
5.	Kholis Amhar	SHD	CGEIT + Exam	Progress	nodin ke corpu
6.	Ayu Anggriani	PQA	ISQTB Tester (Business Analyst + exam)	Progress	nodin ke corpu
7.	Bogi Farizna	OST	Certified Ethical Hacker (CEH) + Exam	DRAFT	Confirmation Schedule
8.	Robi Armadani	TIK	Certified Data Center Professional (CDCP) +Exam	Progress	nodin ke corpu
9.	Kartika Mutiara Dini	INF	Certified Data Center Professional (CDCP) +Exam	DRAFT	Confirmation Schedule
10.	Noviana Pramitasari	PQA	ISQTB Agile Tester	DRAFT	Confirmation Schedule

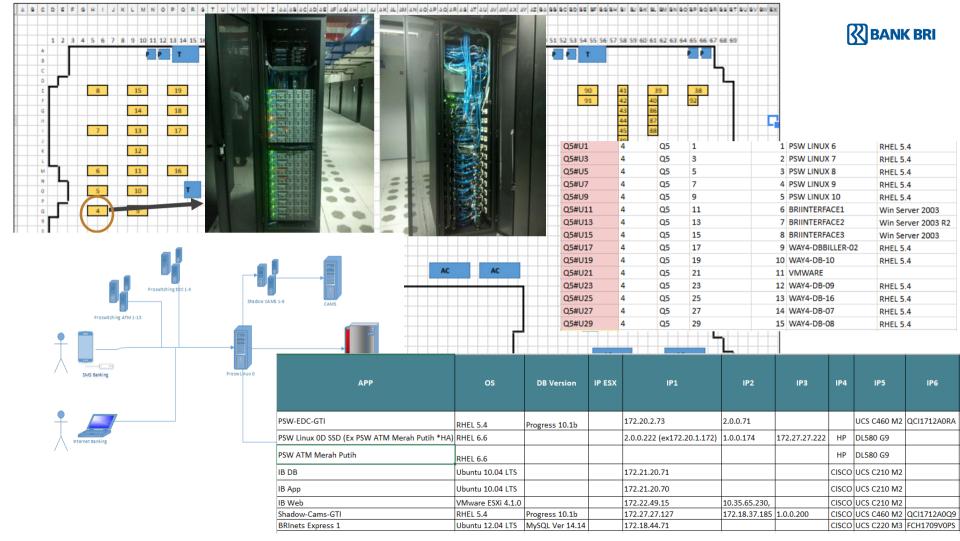


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Menggambarkan layout data center GTI dan Sudirman dengan tujuan letak dan posisi server setiap aplikasi yang dimiliki BRI dapat diketahui 2

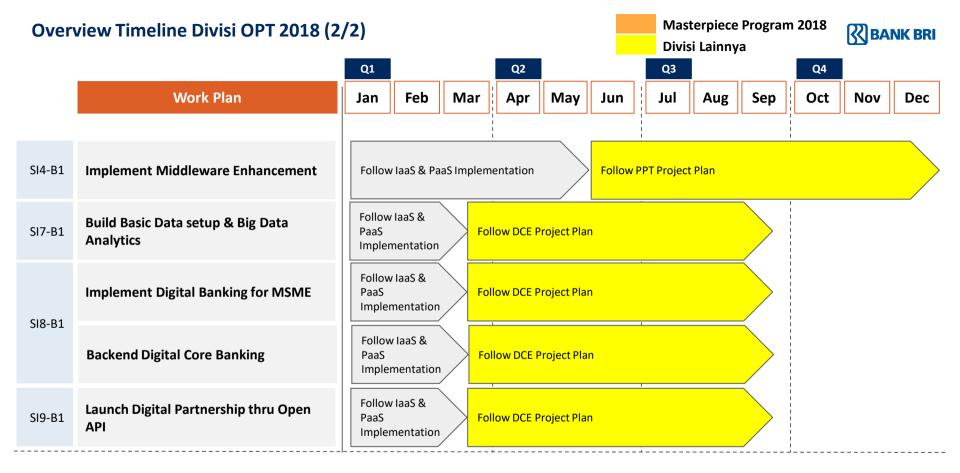
Merupakan informasi detil setiap server yang ada di data center GTI dan sudirman dari letak dan posisi, aplikasi hingga spesifikasi setiap server 3

Berisi informasi detil setiap aplikasi yang dimiliki BRI dari topologi / arsitektur & database,





# Thank You



### **Strategy Operational & Innovation**



#### **Top Achievement**

- 1. Setup hyperconverge infrastructure cluster untuk development environment.
- 2. 99 SOP Aplikasi Kritikal termasuk Checklist dan Tasklist dalam bentuk Digital
- 3. Certification Done: 1 staf (CDCP); 3 staf on progress

#### **Top Opportunity for Improvement**

- 1. Setup high availability infrastructure untuk aplikasi kritikal
- 2. Kelengkapan SOP Monitoring Aplikasi untuk menunjang kegiatan operasional
- 3. IT Infrastructure Improvement

Alert Analysis Action to **b**e taken

- 1. Target Reability yang belum tercapai
- 2. Masih terdapatnya scheduller dan service yang down (problem berulang karena factor aplikasi)
- 3. Out of Date AC Precision & CCTV (low res) dan blind spot area
- 1. Ratas Success rate transaksi (aplikasi kritikal) belum mencapai target 99,89% sehingga perlu dilakukan penerapan high availability melalui virtualisasi dan cloud technology
- Terdapat abnormal process yang memakan memori atau bugs program
- Perlu peremajaan perangkat dan kajian penempatan CCTV

- 1. Implementasi virtualisasi dan cloud technology
- Automation untuk monitoring dan service recovery dengan Zabbix
- Pengadaan AC Precision dan CCTV baru

# **Jumlah Checklist Aplikasi Kritikal**



No.	Aplikasi	Jumlah Checklist
1.	BRINET	77
2.	SPAN	2
3.	WBS	5
4.	Brinet Express	4
5.	RTGS	3
6.	CMS	4
7.	Internet Banking	4
8.	Guava	3
9.	DWH	14
10.	LAS	1
11.	CLAS	1
12.	SKN	1
13.	BPJS kesehatan & ketenagakerjaan	1
14.	Way4	6
15.	Proswitching	6

No.	Aplikasi	Jumlah Checklist
16.	CAMS	2
17.	Cardlink (upload asuransi, uploader, notification engine, alert engine, secure file transfer)	19
18.	Britrade	1
19.	LBBU	1
Total	Posisi 9/2/2018 19 Aplikasi	81





	Top 3 Complaint Minggu ke V JANUARI	
	Problem Action OPT	Root Cause
Brinet Express (52)	<ol> <li>Brinets Express tidak bisa diakses</li> <li>Tidak bisa akses NIK kemendagri</li> <li>Middleware Brinet Express terputus</li> <li>Pelimpahan PN simpanan gagal</li> <li>Diekskalasikan ke Divisi HDN</li> <li>Diekskalasikan ke Divisi PPT, BOP dan OSD untuk cek program dan koneksi antar server</li> <li>Diekskalasikan ke Divisi PPT</li> </ol>	<ol> <li>Setting Mikrotik bermasalah di NOC (Network)</li> <li>User registrasi Expired (Human Error)</li> <li>Koneksi Middleware Terputus</li> <li>Error system (Bug)</li> </ol>
WBS (21)	<ol> <li>Approval Card Request</li> <li>Gagal Login WBS</li> <li>Restart service oleh BOP</li> <li>Restart service oleh BOP</li> <li>Gagal Request PIN Kartu Kredit</li> <li>Setting parameter ulang oleh OST</li> </ol>	<ol> <li>Kesalahan system pada saat approval (Bug)</li> <li>Kesalahan system pada login (Bug)</li> <li>Terdapat perubahan setting firewall</li> </ol>
IB	<ol> <li>Tidak mendapat link ketika install mobile banking</li> <li>Transaksi diatas 500jt tidak</li> <li>Transaksi MS Konfirmasi</li> </ol>	<ol> <li>Service apache mati</li> <li>Error system di Operator</li> <li>Error system di Operator</li> </ol>
(11)	mendapat SMS Konfirmasi 3. Tidak mendapat SMS token 4. Tidak dapat token PLN 3. Perbaikan di XL dan Telkomsel 4. Perbaikan di system PLN	4. Error sistem di PLN





#### **Top 3 Complaint Minggu ke IV JANUARI**

1. Gagal Cetak SPH 2. Eror putusan kredit 3. Nama uker salah 1. Diarahkan ke divisi DEC 2. Memandu mengisi form yang benar 3. Dilakukan Patching nama Uker 2. Kesalahan prosedur pengisian form (Human Error) 3. User pindah uker, user ID tidak sesuai dengan uker (Human Error) 4. Error card request 4. Dieskalasi ke pengembang 4. Koneksi WBS Lambat (Network)		Problem	Action OPT	Root Cause
1. Gagal Cetak SPH 2. Eror putusan kredit 3. Nama uker salah  1. Diarahkan ke divisi DEC 2. Memandu mengisi form yang benar 3. Dilakukan Patching nama Uker  1. Ketika deploy fitur, terdapat error DE (Bug) 2. Kesalahan prosedur pengisian form (Human Error) 3. User pindah uker, user ID tidak sesuai dengan uker (Human Error)  1. Error card request  1. Dieskalasi ke pengembang  1. Koneksi WBS Lambat (Network)		2. ATM belum bisa online		` •
	LAS	Eror putusan kredit	2. Memandu mengisi form yang benar	<ol> <li>Kesalahan prosedur pengisian form (Human Error)</li> <li>User pindah uker, user ID tidak</li> </ol>
3. Pendaftaran IB 3. Cek Nomor Terdaftar 3. Kesalahan Sistem Pendaftaran IB (Bug)	WBS (6)	2. Penghapusan autopayment	2. Dipandu pengisian form di WBS	Kesalahan Prosedur (Human error)     Kesalahan Sistem Pendaftaran IB