

PLANILHA 05 - TREINAMENTO

TREINAMENTO	DESCRIÇÃO	QDE	Preço Unit. COM IMPOSTOS (R\$)	Preço Total COM IMPOSTOS (R\$)
1	Serviço VPN IP/MPLS e topologia da rede (mínimo de 16 horas)			
2	Operação da solução de gerência de rede e serviços (mínimo de 32 horas)			
3	Um módulo para cada tecnologia de acesso e backbone utilizado no provimento dos serviços - MPLS, Interligação dos PABXs, Telefonia IP e outras (mínimo de 40 horas total)			
TOTAL GERAL				R\$ -

PLANILHA 06 - RESUMO DA PROPOSTA

INTERNET TST			
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)
CENTRO-OESTE	DF	8192	#REF!

BACKBONE PRINCIPAL			
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)
CENTRO-OESTE	DF	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		DF Total	
	GO	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		GO Total	
	MS	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		MS Total	
	MT	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		MT Total	
	MT Total		
	AL	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		AL Total	
	BA	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		BA Total	
	CE	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		CE Total	
	MA	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
		MA Total	

PLANILHA 06 - RESUMO DA PROPOSTA

		PB	1024	#REF!
			2048	#REF!
			4096	#REF!
			8192	#REF!
			16384	#REF!
		PB Total		
		PE	1024	#REF!
			2048	#REF!
			4096	#REF!
			8192	#REF!
			16384	#REF!
		PE Total		
		PI	1024	#REF!
			2048	#REF!
			4096	#REF!
			8192	#REF!
			16384	#REF!
		PI Total		
		RN	1024	#REF!
			2048	#REF!
			4096	#REF!
			8192	#REF!
			16384	#REF!
		RN Total		
		SE	1024	#REF!
			2048	#REF!
			4096	#REF!
			8192	#REF!
			16384	#REF!
		SE Total		
NORTE	AM	1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		8192	#REF!	
		16384	#REF!	
	AM Total			
	PA	1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		8192	#REF!	
		16384	#REF!	
	PA Total			
	RO	1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		8192	#REF!	
		16384	#REF!	
	RO Total			
	SUL	PR	1024	#REF!
		2048	#REF!	
		4096	#REF!	
		8192	#REF!	
		16384	#REF!	
	PR Total			

PLANILHA 06 - RESUMO DA PROPOSTA

	RS	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
	RS Total		
	SC	1024	#REF!
		2048	#REF!
		4096	#REF!
		8192	#REF!
		16384	#REF!
	SC Total		

BACKBONE REGIONAL				
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)	
CENTRO-OESTE	DF	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024		#REF!
		2048		#REF!
		4096		#REF!
		6144		#REF!
		8192		#REF!
		16384		#REF!

PLANILHA 06 - RESUMO DA PROPOSTA

GO	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
MS	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
MT	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
TO	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
NORDESTE	AL	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	

PLANILHA 06 - RESUMO DA PROPOSTA

BA	128	R\$	-
	256	R\$	-
	512	R\$	-
	1024	#REF!	
	2048	#REF!	
	4096	#REF!	
	6144	#REF!	
	8192	#REF!	
	16384	#REF!	
CE	128	R\$	-
	256	R\$	-
	512	R\$	-
	1024	#REF!	
	2048	#REF!	
	4096	#REF!	
	6144	#REF!	
	8192	#REF!	
	16384	#REF!	
MA	128	R\$	-
	256	R\$	-
	512	R\$	-
	1024	#REF!	
	2048	#REF!	
	4096	#REF!	
	6144	#REF!	
	8192	#REF!	
	16384	#REF!	
PB	128	R\$	-
	256	R\$	-
	512	R\$	-
	1024	#REF!	
	2048	#REF!	
	4096	#REF!	
	6144	#REF!	
	8192	#REF!	
	16384	#REF!	
PE	128	R\$	-
	256	R\$	-
	512	R\$	-
	1024	#REF!	
	2048	#REF!	
	4096	#REF!	
	6144	#REF!	
	8192	#REF!	
	16384	#REF!	

PLANILHA 06 - RESUMO DA PROPOSTA

	PI	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	
	RN	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	
	SE	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	
NORTE	AC	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	
	AM	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	

PLANILHA 06 - RESUMO DA PROPOSTA

AP	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
PA	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
RO	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
RR	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
SUL	PR	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	

PLANILHA 06 - RESUMO DA PROPOSTA

	RS	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	
	SC	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
4096		#REF!		
6144		#REF!		
8192		#REF!		
16384		#REF!		
SUDESTE	ES	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	
	MG	128	R\$	-
		256	R\$	-
		512	R\$	-
		1024	#REF!	
		2048	#REF!	
		4096	#REF!	
		6144	#REF!	
		8192	#REF!	
		16384	#REF!	
RJ	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		
SP	128	R\$	-	
	256	R\$	-	
	512	R\$	-	
	1024	#REF!		
	2048	#REF!		
	4096	#REF!		
	6144	#REF!		
	8192	#REF!		
	16384	#REF!		

PLANILHA 07 - CÁLCULO DE MÉDIA

INTERNET TST						
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)	Fator de Ponderação	Valor Ponderado	Total de Banda Kbps
CENTRO-OESTE	DF	8192	#REF!	60	#REF!	491520
Total geral				60	#REF!	491.520

BACKBONE PRINCIPAL						
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)	Fator de Ponderação	Valor Ponderado	Total de Banda Kbps
CENTRO-OESTE	DF	1024	#REF!	60	#REF!	61440
		2048	#REF!	30	#REF!	61440
		4096	#REF!	1	#REF!	4096
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	GO	1024	#REF!	30	#REF!	30720
		2048	#REF!	30	#REF!	61440
		4096	#REF!	30	#REF!	122880
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	MS	1024	#REF!	60	#REF!	61440
		2048	#REF!	30	#REF!	61440
		4096	#REF!	1	#REF!	4096
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	MT	1024	#REF!	60	#REF!	61440
		2048	#REF!	30	#REF!	61440
		4096	#REF!	1	#REF!	4096
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
NORDESTE	AL	1024	#REF!	60	#REF!	61440
		2048	#REF!	30	#REF!	61440
		4096	#REF!	1	#REF!	4096
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	BA	1024	#REF!	1	#REF!	1024
		2048	#REF!	30	#REF!	61440
		4096	#REF!	30	#REF!	122880
		8192	#REF!	30	#REF!	245760
		16384	#REF!	1	#REF!	16384
	CE	1024	#REF!	60	#REF!	61440
		2048	#REF!	30	#REF!	61440
		4096	#REF!	1	#REF!	4096
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384

PLANILHA 07 - CÁLCULO DE MÉDIA

MA	1024	#REF!	60	#REF!	61440
	2048	#REF!	30	#REF!	61440
	4096	#REF!	1	#REF!	4096
	8192	#REF!	1	#REF!	8192
	16384	#REF!	1	#REF!	16384
PB	1024	#REF!	60	#REF!	61440
	2048	#REF!	30	#REF!	61440
	4096	#REF!	1	#REF!	4096
	8192	#REF!	1	#REF!	8192
	16384	#REF!	1	#REF!	16384
PE	1024	#REF!	1	#REF!	1024
	2048	#REF!	30	#REF!	61440
	4096	#REF!	30	#REF!	122880
	8192	#REF!	30	#REF!	245760
	16384	#REF!	1	#REF!	16384
PI	1024	#REF!	90	#REF!	92160
	2048	#REF!	1	#REF!	2048
	4096	#REF!	1	#REF!	4096
	8192	#REF!	1	#REF!	8192
	16384	#REF!	1	#REF!	16384
RN	1024	#REF!	60	#REF!	61440
	2048	#REF!	30	#REF!	61440
	4096	#REF!	1	#REF!	4096
	8192	#REF!	1	#REF!	8192
	16384	#REF!	1	#REF!	16384
SE	1024	#REF!	90	#REF!	92160
	2048	#REF!	1	#REF!	2048
	4096	#REF!	1	#REF!	4096
	8192	#REF!	1	#REF!	8192
	16384	#REF!	1	#REF!	16384

PLANILHA 07 - CÁLCULO DE MÉDIA

NORTE	AM	1024	#REF!	30	#REF!	30720
		2048	#REF!	30	#REF!	61440
		4096	#REF!	30	#REF!	122880
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	PA	1024	#REF!	30	#REF!	30720
		2048	#REF!	30	#REF!	61440
		4096	#REF!	30	#REF!	122880
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	RO	1024	#REF!	60	#REF!	61440
		2048	#REF!	30	#REF!	61440
		4096	#REF!	1	#REF!	4096
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
SUL	PR	1024	#REF!	1	#REF!	1024
		2048	#REF!	30	#REF!	61440
		4096	#REF!	30	#REF!	122880
		8192	#REF!	30	#REF!	245760
		16384	#REF!	1	#REF!	16384
	RS	1024	#REF!	1	#REF!	1024
		2048	#REF!	1	#REF!	2048
		4096	#REF!	30	#REF!	122880
		8192	#REF!	30	#REF!	245760
		16384	#REF!	30	#REF!	491520
	SC	1024	#REF!	30	#REF!	30720
		2048	#REF!	30	#REF!	61440
		4096	#REF!	30	#REF!	122880
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384

PLANILHA 07 - CÁLCULO DE MÉDIA

SUDESTE		ES	1024	#REF!	60	#REF!	61440
			2048	#REF!	30	#REF!	61440
			4096	#REF!	1	#REF!	4096
			8192	#REF!	1	#REF!	8192
			16384	#REF!	1	#REF!	16384
		MG	1024	#REF!	1	#REF!	1024
			2048	#REF!	1	#REF!	2048
			4096	#REF!	30	#REF!	122880
			8192	#REF!	30	#REF!	245760
			16384	#REF!	30	#REF!	491520
		RJ	1024	#REF!	1	#REF!	1024
			2048	#REF!	30	#REF!	61440
			4096	#REF!	30	#REF!	122880
			8192	#REF!	30	#REF!	245760
			16384	#REF!	1	#REF!	16384
		SP	1024	#REF!	1	#REF!	1024
			2048	#REF!	1	#REF!	2048
			4096	#REF!	60	#REF!	245760
			8192	#REF!	60	#REF!	491520
			16384	#REF!	60	#REF!	983040
CENTRO-OESTE		TST	1024	#REF!	1	#REF!	1024
			2048	#REF!	1	#REF!	2048
			4096	#REF!	30	#REF!	122880
			8192	#REF!	30	#REF!	245760
			16384	#REF!	30	#REF!	491520
				2312	#REF!	8.822.784	(ii)

PLANILHA 07 - CÁLCULO DE MÉDIA

BACKBONE REGIONAL						
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)	Fator de Ponderação	Valor Ponderado	Total de Banda Kbps
CENTRO-OESTE	DF	128	R\$ -	30	R\$ -	3840
		256	R\$ -	1	R\$ -	256
		512	R\$ -	1	R\$ -	512
		1024	#REF!	1	#REF!	1024
		2048	#REF!	30	#REF!	61440
		4096	#REF!	1	#REF!	4096
		6144	#REF!	1	#REF!	6144
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	GO	128	R\$ -	480	R\$ -	61440
		256	R\$ -	60	R\$ -	15360
		512	R\$ -	30	R\$ -	15360
		1024	#REF!	1	#REF!	1024
		2048	#REF!	1	#REF!	2048
		4096	#REF!	30	#REF!	122880
		6144	#REF!	1	#REF!	6144
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	MS	128	R\$ -	450	R\$ -	57600
		256	R\$ -	60	R\$ -	15360
		512	R\$ -	1	R\$ -	512
		1024	#REF!	1	#REF!	1024
		2048	#REF!	1	#REF!	2048
		4096	#REF!	30	#REF!	122880
		6144	#REF!	1	#REF!	6144
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	MT	128	R\$ -	510	R\$ -	65280
		256	R\$ -	30	R\$ -	7680
		512	R\$ -	1	R\$ -	512
		1024	#REF!	1	#REF!	1024
		2048	#REF!	1	#REF!	2048
		4096	#REF!	30	#REF!	122880
		6144	#REF!	1	#REF!	6144
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384
	TO	128	R\$ -	150	R\$ -	19200
		256	R\$ -	30	R\$ -	7680
		512	R\$ -	1	R\$ -	512
		1024	#REF!	1	#REF!	1024
		2048	#REF!	1	#REF!	2048
		4096	#REF!	1	#REF!	4096
		6144	#REF!	1	#REF!	6144
		8192	#REF!	1	#REF!	8192
		16384	#REF!	1	#REF!	16384

PLANILHA 07 - CÁLCULO DE MÉDIA

NORDESTE	AL	128	R\$	-	300	R\$	-	38400
		256	R\$	-	1	R\$	-	256
		512	R\$	-	1	R\$	-	512
		1024	#REF!		1	#REF!		1024
		2048	#REF!		30	#REF!		61440
		4096	#REF!		1	#REF!		4096
		6144	#REF!		1	#REF!		6144
		8192	#REF!		1	#REF!		8192
		16384	#REF!		1	#REF!		16384
	BA	128	R\$	-	780	R\$	-	99840
		256	R\$	-	120	R\$	-	30720
		512	R\$	-	120	R\$	-	61440
		1024	#REF!		1	#REF!		1024
		2048	#REF!		30	#REF!		61440
		4096	#REF!		1	#REF!		4096
		6144	#REF!		1	#REF!		6144
		8192	#REF!		1	#REF!		8192
		16384	#REF!		30	#REF!		491520
	CE	128	R\$	-	360	R\$	-	46080
		256	R\$	-	1	R\$	-	256
		512	R\$	-	1	R\$	-	512
		1024	#REF!		1	#REF!		1024
		2048	#REF!		30	#REF!		61440
		4096	#REF!		1	#REF!		4096
		6144	#REF!		1	#REF!		6144
		8192	#REF!		1	#REF!		8192
		16384	#REF!		1	#REF!		16384
	MA	128	R\$	-	450	R\$	-	57600
		256	R\$	-	1	R\$	-	256
		512	R\$	-	1	R\$	-	512
		1024	#REF!		1	#REF!		1024
		2048	#REF!		30	#REF!		61440
		4096	#REF!		1	#REF!		4096
		6144	#REF!		1	#REF!		6144
		8192	#REF!		1	#REF!		8192
		16384	#REF!		1	#REF!		16384
	PB	128	R\$	-	450	R\$	-	57600
		256	R\$	-	1	R\$	-	256
		512	R\$	-	60	R\$	-	30720
		1024	#REF!		1	#REF!		1024
		2048	#REF!		1	#REF!		2048
		4096	#REF!		30	#REF!		122880
		6144	#REF!		1	#REF!		6144
		8192	#REF!		1	#REF!		8192
		16384	#REF!		1	#REF!		16384

PLANILHA 07 - CÁLCULO DE MÉDIA

PE	128	R\$	-	1020	R\$	-	130560
	256	R\$	-	210	R\$	-	53760
	512	R\$	-	30	R\$	-	15360
	1024	#REF!		30	#REF!		30720
	2048	#REF!		1	#REF!		2048
	4096	#REF!		1	#REF!		4096
	6144	#REF!		1	#REF!		6144
	8192	#REF!		30	#REF!		245760
	16384	#REF!		1	#REF!		16384
PI	128	R\$	-	210	R\$	-	26880
	256	R\$	-	1	R\$	-	256
	512	R\$	-	1	R\$	-	512
	1024	#REF!		30	#REF!		30720
	2048	#REF!		1	#REF!		2048
	4096	#REF!		1	#REF!		4096
	6144	#REF!		1	#REF!		6144
	8192	#REF!		1	#REF!		8192
	16384	#REF!		1	#REF!		16384
RN	128	R\$	-	270	R\$	-	34560
	256	R\$	-	30	R\$	-	7680
	512	R\$	-	1	R\$	-	512
	1024	#REF!		1	#REF!		1024
	2048	#REF!		30	#REF!		61440
	4096	#REF!		1	#REF!		4096
	6144	#REF!		1	#REF!		6144
	8192	#REF!		1	#REF!		8192
	16384	#REF!		1	#REF!		16384
SE	128	R\$	-	270	R\$	-	34560
	256	R\$	-	1	R\$	-	256
	512	R\$	-	1	R\$	-	512
	1024	#REF!		1	#REF!		1024
	2048	#REF!		30	#REF!		61440
	4096	#REF!		1	#REF!		4096
	6144	#REF!		1	#REF!		6144
	8192	#REF!		1	#REF!		8192
	16384	#REF!		1	#REF!		16384

PLANILHA 07 - CÁLCULO DE MÉDIA

NORTE	AC	128	R\$	-	180	R\$	-	23040
		256	R\$	-	1	R\$	-	256
		512	R\$	-	30	R\$	-	15360
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	1		#REF!		4096
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	1		#REF!		16384
	AM	128	R\$	-	450	R\$	-	57600
		256	R\$	-	1	R\$	-	256
		512	R\$	-	1	R\$	-	512
		1024	#REF!	30		#REF!		30720
		2048	#REF!	1		#REF!		2048
		4096	#REF!	30		#REF!		122880
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	1		#REF!		16384
	AP	128	R\$	-	60	R\$	-	7680
		256	R\$	-	1	R\$	-	256
		512	R\$	-	30	R\$	-	15360
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	1		#REF!		4096
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	1		#REF!		16384
	PA	128	R\$	-	420	R\$	-	53760
		256	R\$	-	30	R\$	-	7680
		512	R\$	-	30	R\$	-	15360
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	30		#REF!		122880
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	1		#REF!		16384
	RO	128	R\$	-	420	R\$	-	53760
		256	R\$	-	30	R\$	-	7680
		512	R\$	-	1	R\$	-	512
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	30		#REF!		122880
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	1		#REF!		16384
	RR	128	R\$	-	1	R\$	-	128
		256	R\$	-	1	R\$	-	256
		512	R\$	-	30	R\$	-	15360
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	1		#REF!		4096
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	1		#REF!		16384

PLANILHA 07 - CÁLCULO DE MÉDIA

SUL	PR	128	R\$	-	1020	R\$	-	130560
		256	R\$	-	180	R\$	-	46080
		512	R\$	-	180	R\$	-	92160
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	1		#REF!		4096
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	30		#REF!		491520
	RS	128	R\$	-	1230	R\$	-	157440
		256	R\$	-	330	R\$	-	84480
		512	R\$	-	240	R\$	-	122880
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	1		#REF!		4096
		6144	#REF!	1		#REF!		6144
		8192	#REF!	1		#REF!		8192
		16384	#REF!	30		#REF!		491520
	SC	128	R\$	-	480	R\$	-	61440
		256	R\$	-	330	R\$	-	84480
		512	R\$	-	90	R\$	-	46080
		1024	#REF!	1		#REF!		1024
		2048	#REF!	1		#REF!		2048
		4096	#REF!	1		#REF!		4096
		6144	#REF!	1		#REF!		6144
		8192	#REF!	30		#REF!		245760
		16384	#REF!	1		#REF!		16384

Total geral	20588	#REF!	10.115.712 (iii)
--------------------	--------------	--------------	---------------------------

TOTAL GERAL (i) + (ii) + (iii)	22960	#REF!	19.430.016
---	--------------	--------------	-------------------

MÉDIA GERAL (Valor/Kbps)		#REF!
--------------------------	--	-------

ÍNDICE GERAL (=MÉDIA GERAL x 100) #REF!

VALOR MENSAL (CONTRATAÇÃO INICIAL)

Percentagem de desconto	0,00%
-------------------------	-------

INTERNET TST							
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)	SÍTIOS	Valor Inicial	Valor Final	Total de Banda Kbps
CENTRO-OESTE	DF	8192	#REF!	1	#REF!	#REF!	8192
Sub-total (i)				1	#REF!	#REF!	8.192 Kbps (i)

BACKBONE PRINCIPAL							
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)	SÍTIOS	Valor Inicial	Valor Final	Total de Banda Kbps
CENTRO-OESTE	DF	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	GO	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	MS	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	MT	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
NORDESTE	AL	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	BA	1024	#REF!	1	#REF!	#REF!	0
		2048	#REF!		#REF!	#REF!	2048
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	CE	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	MA	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0

VALOR MENSAL (CONTRATAÇÃO INICIAL)

PB	1024	#REF!	1	#REF!	#REF!	1024	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
PE	1024	#REF!		#REF!	#REF!	0	
	2048	#REF!	1	#REF!	#REF!	2048	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
PI	1024	#REF!	1	#REF!	#REF!	1024	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
RN	1024	#REF!	1	#REF!	#REF!	1024	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
SE	1024	#REF!	1	#REF!	#REF!	1024	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
NORTE	AM	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
PA	1024	#REF!	1	#REF!	#REF!	1024	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
RO	1024	#REF!	1	#REF!	#REF!	1024	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
SUL	PR	1024	#REF!		#REF!	#REF!	0
		2048	#REF!	1	#REF!	#REF!	2048
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
RS	1024	#REF!		#REF!	#REF!	0	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!	1	#REF!	#REF!	4096	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	
SC	1024	#REF!	1	#REF!	#REF!	1024	
	2048	#REF!		#REF!	#REF!	0	
	4096	#REF!		#REF!	#REF!	0	
	8192	#REF!		#REF!	#REF!	0	
	16384	#REF!		#REF!	#REF!	0	

VALOR MENSAL (CONTRATAÇÃO INICIAL)

SUDESTE	ES	1024	#REF!	1	#REF!	#REF!	1024
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	MG	1024	#REF!		#REF!	#REF!	0
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!	1	#REF!	#REF!	4096
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	RJ	1024	#REF!		#REF!	#REF!	0
		2048	#REF!	1	#REF!	#REF!	2048
		4096	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	SP	1024	#REF!		#REF!	#REF!	0
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!	2	#REF!	#REF!	8192
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
CENTRO-OESTE	TST	1024	#REF!		#REF!	#REF!	0
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!	1	#REF!	#REF!	4096
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0

Sub-total (ii) 25 #REF! #REF! 45.056 Kbps (ii)

BACKBONE REGIONAL							
Região UF	UF	Banda Final Comercial	Valor Mensal c/ Impostos (R\$)	SÍTIOS	Valor Inicial	Valor Final	Total de Banda Kbps
CENTRO-OESTE	DF	128 R\$	-	1	R\$	-	128
		256 R\$	-		R\$	-	0
		512 R\$	-		R\$	-	0
		1024	#REF!		#REF!	#REF!	0
		2048	#REF!	1	#REF!	#REF!	2048
		4096	#REF!		#REF!	#REF!	0
		6144	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	GO	128 R\$	-	16	R\$	-	2048
		256 R\$	-	2	R\$	-	512
		512 R\$	-	1	R\$	-	512
		1024	#REF!		#REF!	#REF!	0
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!	1	#REF!	#REF!	4096
		6144	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0
	MS	128 R\$	-	15	R\$	-	1920
		256 R\$	-	2	R\$	-	512
		512 R\$	-		R\$	-	0
		1024	#REF!		#REF!	#REF!	0
		2048	#REF!		#REF!	#REF!	0
		4096	#REF!	1	#REF!	#REF!	4096
		6144	#REF!		#REF!	#REF!	0
		8192	#REF!		#REF!	#REF!	0
		16384	#REF!		#REF!	#REF!	0

VALOR MENSAL (CONTRATAÇÃO INICIAL)

MT	128	R\$	-	17	R\$	-	R\$	-	2176
	256	R\$	-	1	R\$	-	R\$	-	256
	512	R\$	-		R\$	-	R\$	-	0
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!			#REF!		#REF!		0
	4096	#REF!		1	#REF!		#REF!		4096
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

TO	128	R\$	-	5	R\$	-	R\$	-	640
	256	R\$	-	1	R\$	-	R\$	-	256
	512	R\$	-		R\$	-	R\$	-	0
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!			#REF!		#REF!		0
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

NORDESTE	AL	128	R\$	-	10	R\$	-	R\$	-	1280
		256	R\$	-		R\$	-	R\$	-	0
		512	R\$	-		R\$	-	R\$	-	0
		1024	#REF!			#REF!		#REF!		0
		2048	#REF!		1	#REF!		#REF!		2048
		4096	#REF!			#REF!		#REF!		0
		6144	#REF!			#REF!		#REF!		0
		8192	#REF!			#REF!		#REF!		0
		16384	#REF!			#REF!		#REF!		0

BA	128	R\$	-	26	R\$	-	R\$	-	3328
	256	R\$	-	4	R\$	-	R\$	-	1024
	512	R\$	-	4	R\$	-	R\$	-	2048
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!		1	#REF!		#REF!		2048
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!		1	#REF!		#REF!		16384

CE	128	R\$	-	12	R\$	-	R\$	-	1536
	256	R\$	-		R\$	-	R\$	-	0
	512	R\$	-		R\$	-	R\$	-	0
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!		1	#REF!		#REF!		2048
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

MA	128	R\$	-	15	R\$	-	R\$	-	1920
	256	R\$	-		R\$	-	R\$	-	0
	512	R\$	-		R\$	-	R\$	-	0
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!		1	#REF!		#REF!		2048
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

PB	128	R\$	-	15	R\$	-	R\$	-	1920
	256	R\$	-		R\$	-	R\$	-	0
	512	R\$	-	2	R\$	-	R\$	-	1024
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!			#REF!		#REF!		0
	4096	#REF!		1	#REF!		#REF!		4096
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

VALOR MENSAL (CONTRATAÇÃO INICIAL)

PE	128	R\$	-	34	R\$	-	R\$	-	4352
	256	R\$	-	7	R\$	-	R\$	-	1792
	512	R\$	-	1	R\$	-	R\$	-	512
	1024	#REF!		1	#REF!		#REF!		1024
	2048	#REF!			#REF!		#REF!		0
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!		1	#REF!		#REF!		8192
	16384	#REF!			#REF!		#REF!		0

PI	128	R\$	-	7	R\$	-	R\$	-	896
	256	R\$	-		R\$	-	R\$	-	0
	512	R\$	-		R\$	-	R\$	-	0
	1024	#REF!		1	#REF!		#REF!		1024
	2048	#REF!			#REF!		#REF!		0
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

RN	128	R\$	-	9	R\$	-	R\$	-	1152
	256	R\$	-	1	R\$	-	R\$	-	256
	512	R\$	-		R\$	-	R\$	-	0
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!		1	#REF!		#REF!		2048
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

SE	128	R\$	-	9	R\$	-	R\$	-	1152
	256	R\$	-		R\$	-	R\$	-	0
	512	R\$	-		R\$	-	R\$	-	0
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!		1	#REF!		#REF!		2048
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!			#REF!		#REF!		0

NORTE	AC	128	R\$	-	6	R\$	-	R\$	-	768
		256	R\$	-		R\$	-	R\$	-	0
		512	R\$	-	1	R\$	-	R\$	-	512
		1024	#REF!			#REF!		#REF!		0
		2048	#REF!			#REF!		#REF!		0
		4096	#REF!			#REF!		#REF!		0
		6144	#REF!			#REF!		#REF!		0
		8192	#REF!			#REF!		#REF!		0
		16384	#REF!			#REF!		#REF!		0
	AM	128	R\$	-	15	R\$	-	R\$	-	1920
		256	R\$	-		R\$	-	R\$	-	0
		512	R\$	-		R\$	-	R\$	-	0
		1024	#REF!		1	#REF!		#REF!		1024
		2048	#REF!			#REF!		#REF!		0
		4096	#REF!		1	#REF!		#REF!		4096
		6144	#REF!			#REF!		#REF!		0
		8192	#REF!			#REF!		#REF!		0
		16384	#REF!			#REF!		#REF!		0
	AP	128	R\$	-	2	R\$	-	R\$	-	256
		256	R\$	-		R\$	-	R\$	-	0
		512	R\$	-	1	R\$	-	R\$	-	512
		1024	#REF!			#REF!		#REF!		0
		2048	#REF!			#REF!		#REF!		0
		4096	#REF!			#REF!		#REF!		0
		6144	#REF!			#REF!		#REF!		0
		8192	#REF!			#REF!		#REF!		0
		16384	#REF!			#REF!		#REF!		0

VALOR MENSAL (CONTRATAÇÃO INICIAL)

PA	128	R\$	-	14	R\$	-	R\$	-	1792	
	256	R\$	-	1	R\$	-	R\$	-	256	
	512	R\$	-	1	R\$	-	R\$	-	512	
	1024	#REF!			#REF!		#REF!		0	
	2048	#REF!			#REF!		#REF!		0	
	4096	#REF!		1	#REF!		#REF!		4096	
	6144	#REF!			#REF!		#REF!		0	
	8192	#REF!			#REF!		#REF!		0	
	16384	#REF!			#REF!		#REF!		0	
	RO	128	R\$	-	14	R\$	-	R\$	-	1792
256		R\$	-	1	R\$	-	R\$	-	256	
512		R\$	-		R\$	-	R\$	-	0	
1024		#REF!			#REF!		#REF!		0	
2048		#REF!			#REF!		#REF!		0	
4096		#REF!		1	#REF!		#REF!		4096	
6144		#REF!			#REF!		#REF!		0	
8192		#REF!			#REF!		#REF!		0	
16384		#REF!			#REF!		#REF!		0	
RR		128	R\$	-		R\$	-	R\$	-	0
	256	R\$	-		R\$	-	R\$	-	0	
	512	R\$	-	1	R\$	-	R\$	-	512	
	1024	#REF!			#REF!		#REF!		0	
	2048	#REF!			#REF!		#REF!		0	
	4096	#REF!			#REF!		#REF!		0	
	6144	#REF!			#REF!		#REF!		0	
	8192	#REF!			#REF!		#REF!		0	
	16384	#REF!			#REF!		#REF!		0	
SUL	PR	128	R\$	-	34	R\$	-	R\$	-	4352
		256	R\$	-	6	R\$	-	R\$	-	1536
		512	R\$	-	6	R\$	-	R\$	-	3072
		1024	#REF!			#REF!		#REF!		0
		2048	#REF!			#REF!		#REF!		0
		4096	#REF!			#REF!		#REF!		0
		6144	#REF!			#REF!		#REF!		0
		8192	#REF!			#REF!		#REF!		0
		16384	#REF!		1	#REF!		#REF!		16384
		RS	128	R\$	-	41	R\$	-	R\$	-
256	R\$		-	11	R\$	-	R\$	-	2816	
512	R\$		-	8	R\$	-	R\$	-	4096	
1024	#REF!				#REF!		#REF!		0	
2048	#REF!				#REF!		#REF!		0	
4096	#REF!				#REF!		#REF!		0	
6144	#REF!				#REF!		#REF!		0	
8192	#REF!				#REF!		#REF!		0	
16384	#REF!			1	#REF!		#REF!		16384	
SC	128		R\$	-	16	R\$	-	R\$	-	2048
	256	R\$	-	11	R\$	-	R\$	-	2816	
	512	R\$	-	3	R\$	-	R\$	-	1536	
	1024	#REF!			#REF!		#REF!		0	
	2048	#REF!			#REF!		#REF!		0	
	4096	#REF!			#REF!		#REF!		0	
	6144	#REF!			#REF!		#REF!		0	
	8192	#REF!		1	#REF!		#REF!		8192	
	16384	#REF!			#REF!		#REF!		0	
SUDESTE	ES	128	R\$	-	13	R\$	-	R\$	-	1664
		256	R\$	-	1	R\$	-	R\$	-	256
		512	R\$	-		R\$	-	R\$	-	0
		1024	#REF!			#REF!		#REF!		0
		2048	#REF!		1	#REF!		#REF!		2048
		4096	#REF!			#REF!		#REF!		0
		6144	#REF!			#REF!		#REF!		0
		8192	#REF!			#REF!		#REF!		0
		16384	#REF!			#REF!		#REF!		0
		MG	128	R\$	-	50	R\$	-	R\$	-

VALOR MENSAL (CONTRATAÇÃO INICIAL)

	256	R\$	-	9	R\$	-	R\$	-	2304
	512	R\$	-	9	R\$	-	R\$	-	4608
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!		1	#REF!		#REF!		2048
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!		1	#REF!		#REF!		16384
RJ	128	R\$	-	14	R\$	-	R\$	-	1792
	256	R\$	-	5	R\$	-	R\$	-	1280
	512	R\$	-	4	R\$	-	R\$	-	2048
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!			#REF!		#REF!		0
	4096	#REF!		1	#REF!		#REF!		4096
	6144	#REF!		1	#REF!		#REF!		6144
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!		1	#REF!		#REF!		16384
SP	128	R\$	-	96	R\$	-	R\$	-	12288
	256	R\$	-	23	R\$	-	R\$	-	5888
	512	R\$	-	17	R\$	-	R\$	-	8704
	1024	#REF!			#REF!		#REF!		0
	2048	#REF!			#REF!		#REF!		0
	4096	#REF!			#REF!		#REF!		0
	6144	#REF!			#REF!		#REF!		0
	8192	#REF!			#REF!		#REF!		0
	16384	#REF!		2	#REF!		#REF!		32768
Sub-total (iii)									
				681	#REF!		#REF!		308.480 Kbps (iii)
TOTAL GERAL (i) + (ii) + (iii)									
				707	#REF!		#REF!		361.728 Kbps

Fatores - Internet TST

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
Região UF	UF	Banda Final Comercial	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps
CENTRO-OESTE	DF	8192	1	1	60	491520
Total geral				1	60	491.520

Fatores - Backbone Principal

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL		
Região UF	UF	Banda Final Comercial	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps	
CENTRO-OESTE	DF	1024	2	2	60	61440	
		2048	1	1	30	61440	
		4096		1	1	4096	
		8192		1	1	8192	
		16384		1	1	16384	
		DF Total		3	6	93	151552
		GO	1024	1	1	30	30720
			2048	1	1	30	61440
			4096	1	1	30	122880
			8192		1	1	8192
			16384		1	1	16384
		GO Total		3	5	92	239616
		MS	1024	2	2	60	61440
			2048	1	1	30	61440
			4096		1	1	4096
			8192		1	1	8192
			16384		1	1	16384
		MS Total		3	6	93	151552
		MT	1024	2	2	60	61440
			2048	1	1	30	61440
			4096		1	1	4096
			8192		1	1	8192
			16384		1	1	16384
		MT Total		3	6	93	151552
CENTRO-OESTE Total			12				
NORDESTE	AL	1024	2	2	60	61440	
		2048	1	1	30	61440	
		4096		1	1	4096	
		8192		1	1	8192	
		16384		1	1	16384	
		AL Total		3	6	93	151552
		BA	1024		1	1	1024
			2048	1	1	30	61440
			4096	1	1	30	122880
			8192	1	1	30	245760
			16384		1	1	16384
		BA Total		3	5	92	447488
		CE	1024	2	2	60	61440
			2048	1	1	30	61440
			4096		1	1	4096
			8192		1	1	8192
			16384		1	1	16384
		CE Total		3	6	93	151552
		MA	1024	2	2	60	61440
			2048	1	1	30	61440
			4096		1	1	4096
			8192		1	1	8192
			16384		1	1	16384
		MA Total		3	6	93	151552

Fatores - Backbone Principal

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
Região UF	UF	Banda Final Comercial	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps
	PB	1024	2	2	60	61440
		2048	1	1	30	61440
		4096		1	1	4096
		8192		1	1	8192
		16384		1	1	16384
	PB Total		3	6	93	151552
	PE	1024		1	1	1024
		2048	1	1	30	61440
		4096	1	1	30	122880
		8192	1	1	30	245760
		16384		1	1	16384
	PE Total		3	5	92	447488
	PI	1024	3	3	90	92160
		2048		1	1	2048
		4096		1	1	4096
		8192		1	1	8192
		16384		1	1	16384
	PI Total		3	7	94	122880
	RN	1024	2	2	60	61440
		2048	1	1	30	61440
		4096		1	1	4096
		8192		1	1	8192
		16384		1	1	16384
	RN Total		3	6	93	151552
	SE	1024	3	3	90	92160
		2048		1	1	2048
		4096		1	1	4096
		8192		1	1	8192
		16384		1	1	16384
SE Total		3	7	94	122880	
NORDESTE Total			27			
NORTE	AM	1024	1	1	30	30720
		2048	1	1	30	61440
		4096	1	1	30	122880
		8192		1	1	8192
		16384		1	1	16384
AM Total		3	5	92	239616	
PA		1024	1	1	30	30720
		2048	1	1	30	61440
		4096	1	1	30	122880
		8192		1	1	8192
		16384		1	1	16384
PA Total		3	5	92	239616	
RO		1024	2	2	60	61440
		2048	1	1	30	61440
		4096		1	1	4096
		8192		1	1	8192
		16384		1	1	16384
RO Total		3	6	93	151552	
NORTE Total			9			

Fatores - Backbone Principal

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
Região UF	UF	Banda Final Comercial	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps
SUL	PR	1024		1	1	1024
		2048	1	1	30	61440
		4096	1	1	30	122880
		8192	1	1	30	245760
		16384		1	1	16384
	PR Total		3	5	92	447488
	RS	1024		1	1	1024
		2048		1	1	2048
		4096	1	1	30	122880
		8192	1	1	30	245760
		16384	1	1	30	491520
	RS Total		3	5	92	863232
	SC	1024	1	1	30	30720
		2048	1	1	30	61440
		4096	1	1	30	122880
		8192		1	1	8192
		16384		1	1	16384
	SC Total		3	5	92	239616
SUL Total			9			
SUDESTE	ES	1024	2	2	60	61440
		2048	1	1	30	61440
		4096		1	1	4096
		8192		1	1	8192
		16384		1	1	16384
	ES Total		3	6	93	151552
	MG	1024		1	1	1024
		2048		1	1	2048
		4096	1	1	30	122880
		8192	1	1	30	245760
		16384	1	1	30	491520
	MG Total		3	5	92	863232
	RJ	1024		1	1	1024
		2048	1	1	30	61440
		4096	1	1	30	122880
		8192	1	1	30	245760
		16384		1	1	16384
	RJ Total		3	5	92	447488
	SP	1024		1	1	1024
		2048		1	1	2048
		4096	2	2	60	245760
		8192	2	2	60	491520
		16384	2	2	60	983040
	SP Total		6	8	182	1723392
SUDESTE Total			15			
CENTRO-OESTE	TST	1024		1	1	1024
		2048		1	1	2048
		4096	1	1	30	122880
		8192	1	1	30	245760
		16384	1	1	30	491520
	TST Total		3	5	92	863232
Total geral			75	137	2312	8.822.784

Fatores - Backbones Regionais

Região UF	UF	Banda Final Comercial	CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
			Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps
CENTRO-OESTE	DF	128	1	1	30	3840
		256		1	1	256
		512		1	1	512
		1024		1	1	1024
		2048		1	30	61440
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		DF Total	2	9	67	101888
	GO	128	16	16	480	61440
		256		2	60	15360
		512		1	30	15360
		1024		1	1	1024
		2048		1	1	2048
		4096		1	30	122880
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		GO Total	20	25	605	248832
	MS	128	15	15	450	57600
		256		2	60	15360
		512		1	1	512
		1024		1	1	1024
		2048		1	1	2048
		4096		1	30	122880
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		MS Total	18	24	546	230144
	MT	128	17	17	510	65280
		256		1	30	7680
		512		1	1	512
		1024		1	1	1024
		2048		1	1	2048
		4096		1	30	122880
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		MT Total	19	25	576	230144
	TO	128	5	5	150	19200
		256		1	30	7680
		512		1	1	512

Fatores - Backbones Regionais

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL		
Região UF	UF	Banda Final Comerciaria	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps	
		1024		1	1	1024	
		2048		1	1	2048	
		4096		1	1	4096	
		6144		1	1	6144	
		8192		1	1	8192	
		16384		1	1	16384	
		TO Total		6	13	187	65280
CENTRO-OESTE Total			65				
NORDESTE	AL	128	10	10	300	38400	
		256		1		1	256
		512		1		1	512
		1024		1		1	1024
		2048	1	1		30	61440
		4096		1		1	4096
		6144		1		1	6144
		8192		1		1	8192
		16384		1		1	16384
		AL Total		11		18	337
	BA	128	26	26	780	99840	
		256		4	120	30720	
		512		4	120	61440	
		1024		1	1	1024	
		2048		1	30	61440	
		4096		1	1	4096	
		6144		1	1	6144	
		8192		1	1	8192	
		16384		1	30	491520	
		BA Total		36	40	1084	764416
	CE	128	12	12	360	46080	
		256		1	1	256	
		512		1	1	512	
		1024		1	1	1024	
		2048		1	30	61440	
		4096		1	1	4096	
		6144		1	1	6144	
		8192		1	1	8192	
		16384		1	1	16384	
		CE Total		13	20	397	144128
	MA	128	15	15	450	57600	
		256		1	1	256	
		512		1	1	512	
		1024		1	1	1024	

Fatores - Backbones Regionais

Região UF	UF	Banda Final Comerciaria	CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
			Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps
		2048	1	1	30	61440
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		MA Total	16	23	487	155648
	PB	128	15	15	450	57600
		256		1	1	256
		512	2	2	60	30720
		1024		1	1	1024
		2048	1	1	1	2048
		4096		1	30	122880
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		PB Total	18	24	546	245248
	PE	128	34	34	1020	130560
		256		7	210	53760
		512		1	30	15360
		1024		1	30	30720
		2048		1	1	2048
		4096	1	1	1	4096
		6144		1	1	6144
		8192		1	30	245760
		16384		1	1	16384
		PE Total	44	48	1324	504832
	PI	128	7	7	210	26880
		256		1	1	256
		512		1	1	512
		1024		1	30	30720
		2048		1	1	2048
		4096	1	1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		PI Total	8	15	247	95232
	RN	128	9	9	270	34560
		256		1	30	7680
		512		1	1	512
		1024		1	1	1024
		2048	1	1	30	61440
		4096		1	1	4096
		6144		1	1	6144

Fatores - Backbones Regionais

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
Região UF	UF	Banda Final Comerciaria	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponderação	Total de Banda Kbps
NORDESTE	RN	8192		1	1	8192
		16384		1	1	16384
		RN Total	11	17	336	140032
		SE				
		128	9	9	270	34560
		256		1	1	256
		512		1	1	512
		1024		1	1	1024
		2048	1	1	30	61440
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		SE Total	10	17	307	132608
	NORDESTE Total		167			
NORTE	AC	128	6	6	180	23040
		256		1	1	256
		512	1	1	30	15360
		1024		1	1	1024
		2048		1	1	2048
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		AC Total	7	14	217	76544
	AM	128	15	15	450	57600
		256		1	1	256
		512		1	1	512
		1024	1	1	30	30720
		2048		1	1	2048
		4096	1	1	30	122880
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
		AM Total	17	23	516	244736
	AP	128	2	2	60	7680
		256		1	1	256
		512	1	1	30	15360
		1024		1	1	1024
		2048		1	1	2048
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192

Fatores - Backbones Regionais

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
Região UF	UF	Banda Final Comerci al	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponde- ração	Total de Banda Kbps
NORTE	AP	16384		1	1	16384
		AP Total	3	10	97	61184
		128	14	14	420	53760
		256	1	1	30	7680
		512	1	1	30	15360
		1024		1	1	1024
		2048		1	1	2048
		4096	1	1	30	122880
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
	PA Total		17	22	515	233472
	RO	128	14	14	420	53760
		256	1	1	30	7680
		512		1	1	512
		1024		1	1	1024
		2048		1	1	2048
		4096	1	1	30	122880
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
	RO Total		16	22	486	218624
	RR	128		1	1	128
		256		1	1	256
		512	1	1	30	15360
		1024		1	1	1024
		2048		1	1	2048
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
	RR Total		1	9	38	53632
NORTE Total			61			
SUL	PR	128	34	34	1020	130560
		256	6	6	180	46080
		512	6	6	180	92160
		1024		1	1	1024
		2048		1	1	2048
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384	1	1	30	491520

Fatores - Backbones Regionais

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
Região UF	UF	Banda Final Comerci al	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponde- ração	Total de Banda Kbps
SUL	PR Total		47	52	1415	781824
	RS	128	41	41	1230	157440
		256	11	11	330	84480
		512	8	8	240	122880
		1024		1	1	1024
		2048		1	1	2048
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384	1	1	30	491520
	RS Total		61	66	1835	877824
	SC	128	16	16	480	61440
		256	11	11	330	84480
		512	3	3	90	46080
		1024		1	1	1024
		2048		1	1	2048
		4096		1	1	4096
		6144		1	1	6144
		8192	1	1	30	245760
		16384		1	1	16384
	SC Total		31	36	935	467456
	SUL Total		139			
SUDESTE	ES	128	13	13	390	49920
		256	1	1	30	7680
		512		1	1	512
		1024		1	1	1024
		2048	1	1	30	61440
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384		1	1	16384
	ES Total		15	21	456	155392
	MG	128	50	50	1500	192000
		256	9	9	270	69120
		512	9	9	270	138240
		1024		1	1	1024
		2048	1	1	30	61440
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384	1	1	30	491520
	MG Total		70	74	2104	971776

Fatores - Backbones Regionais

			CENÁRIO ATUAL	CENÁRIO 1	CENÁRIO FINAL	
Região UF	UF	Banda Final Comercia l	Qtd Sítios	Qtd Sítios (todos níveis)	Fator de Ponde- ração	Total de Banda Kbps
	RJ	128	14	14	420	53760
		256	5	5	150	38400
		512	4	4	120	61440
		1024		1	1	1024
		2048		1	1	2048
		4096	1	1	30	122880
		6144	1	1	30	184320
		8192		1	1	8192
		16384	1	1	30	491520
	RJ Total		26	29	783	963584
	SP	128	96	96	2880	368640
		256	23	23	690	176640
		512	17	17	510	261120
		1024		1	1	1024
		2048		1	1	2048
		4096		1	1	4096
		6144		1	1	6144
		8192		1	1	8192
		16384	2	2	60	983040
	SP Total		138	143	4145	1810944
SUDESTE Total			249			
Total geral			681	839	20588	10.111.872