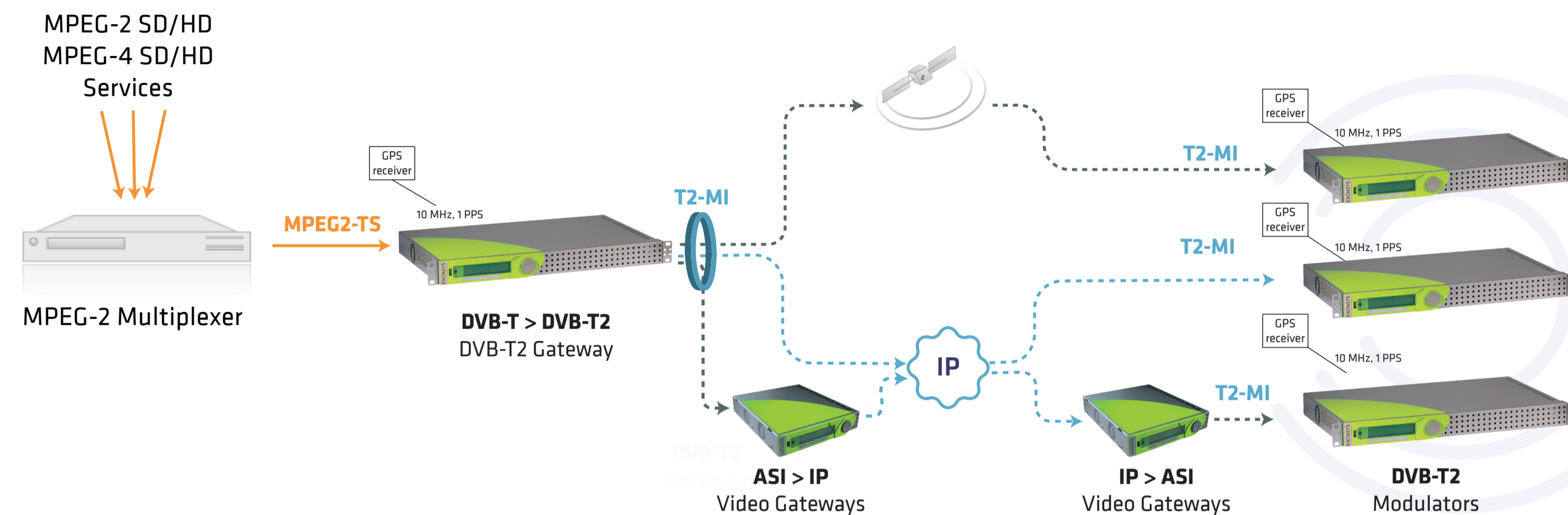


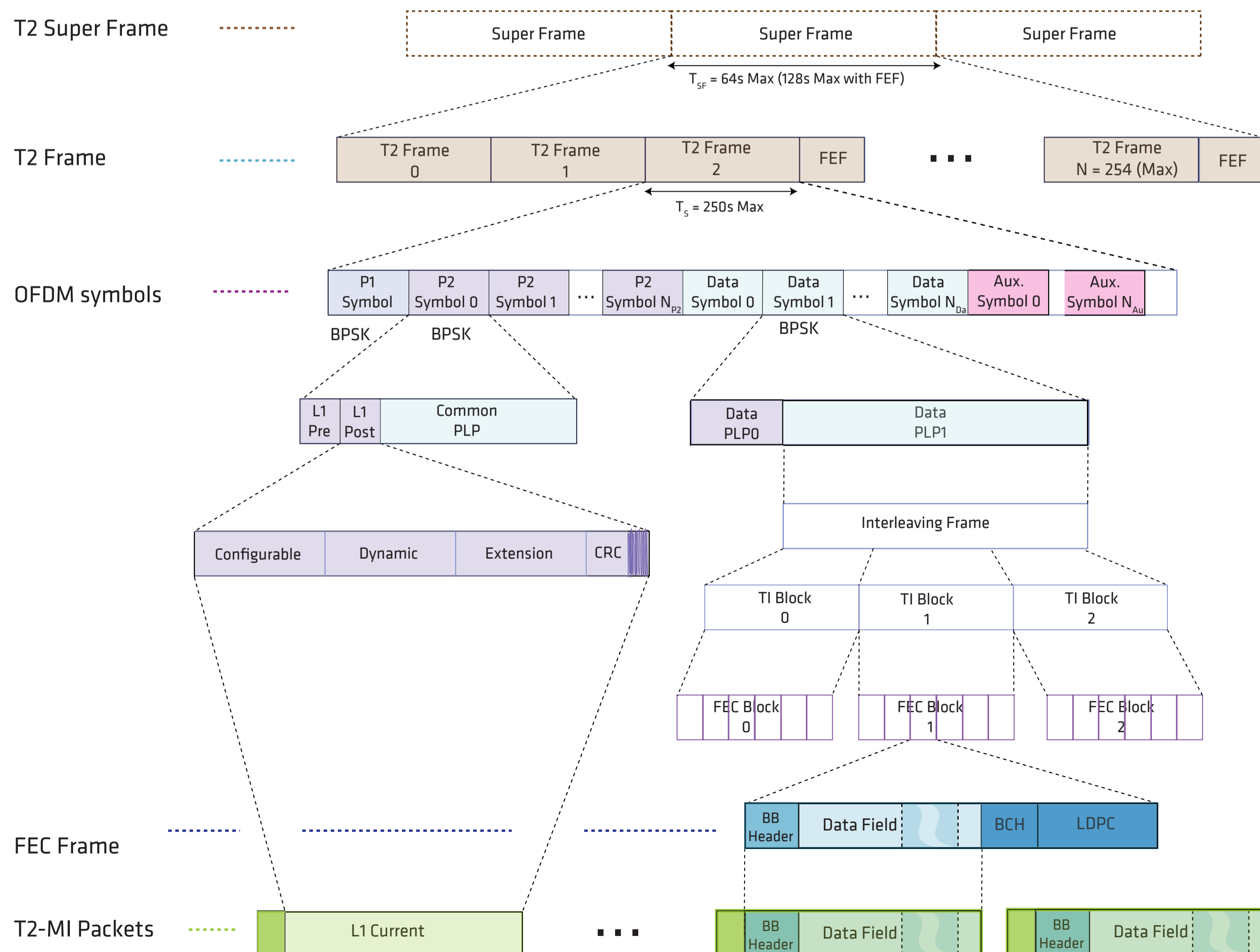
## DVB-T2 vs DVB-T

	DVB-T2	DVB-T
<b>FEC</b>	<b>LDPC + BCH</b>	<b>CC + RS</b>
<b>Code Rate</b>	1/2, 3/5, 2/3, 3/4, 4/5, 5/6	1/2, 2/3, 3/4, 5/6, 7/8
<b>Constellation</b>	QPSK, 16 QAM, 64 QAM, <b>256 QAM</b>	QPSK, 16 QAM, 64 QAM
<b>Guard Interval</b>	1/4, <b>19/256</b> , 1/8, <b>19/128</b> , 1/16, 1/32, <b>1/128</b>	1/4, 1/8, 1/16, 1/32
<b>FFT size</b>	<b>1K, 2K, 4K, 8K, 16K, 32K</b>	2K, 8K
<b>Scattered Pilots</b>	<b>1%, 2%, 4%, 8% of total</b>	8% of total
<b>Continual Pilots</b>	<b>0,35 % of total</b>	2,6 % of total

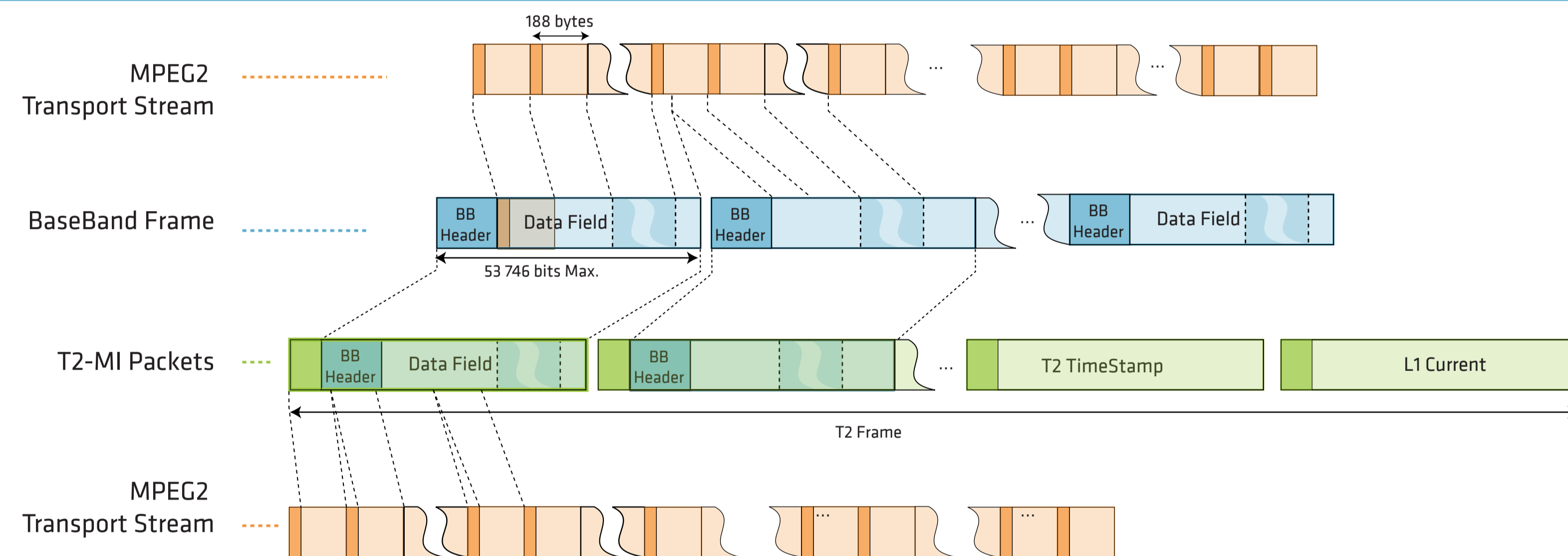
## DVB-T2 digital TV broadcast architecture



## DVB-T2 Framing



## T2-MI Encapsulation



## DVB-T2 Glossary

<b>BB</b>	<b>BaseBand</b>	<b>T2-MI</b>	<b>T2-Modulator Interface</b>
<b>FEC</b>	<b>Forward Error Correction</b>	<b>TI Block</b>	<b>Time Interleaving Block</b>
<b>FEF</b>	<b>Future Extension Framme</b>	<b>TFS</b>	<b>Time Frequency Slicing</b>
<b>MISO</b>	<b>Multiple Input Single Output</b>		
<b>PAPR</b>	<b>Peak to Average Power Ratio</b>		
<b>PLP</b>	<b>Physical Layer Pipe</b>		

