



LIFE SCIENCES DAY



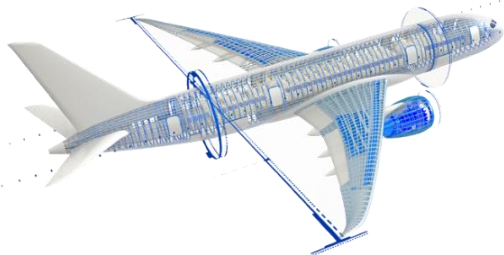
Bernard Charles

Dassault Systèmes Vice Chairman & CEO

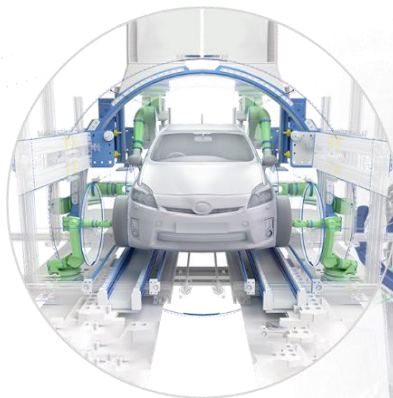
1981
3D Design



1989
3D DMU
Digital Mock-up



1999
3D PLM
Product Lifecycle
Management



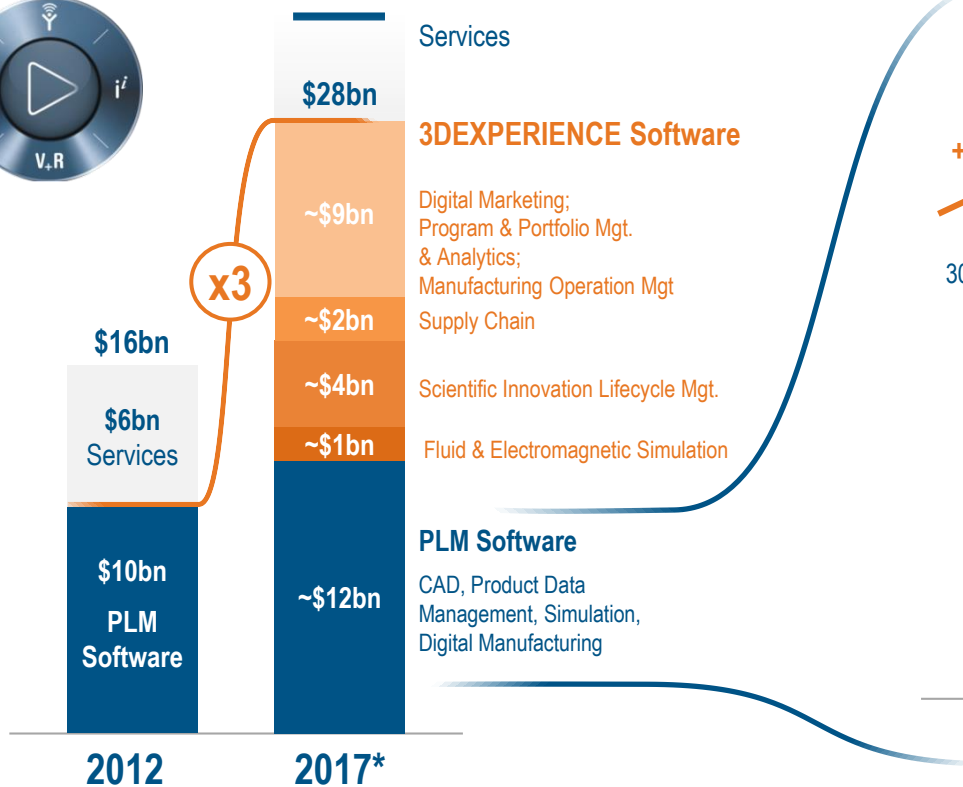
2012
3DEXPERIENCE®
platform
Business Experience



Market Expansion & Market Share Gains

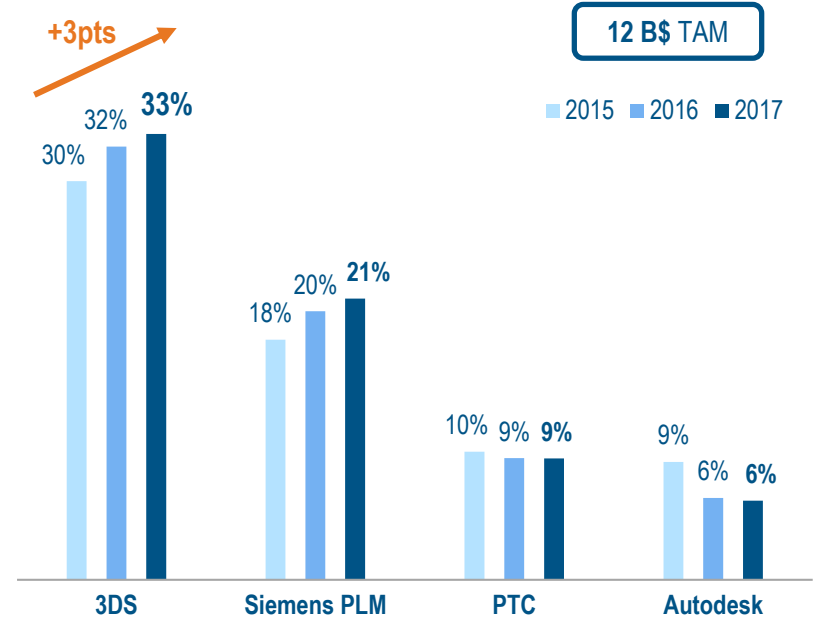


MARKET EXPANSION



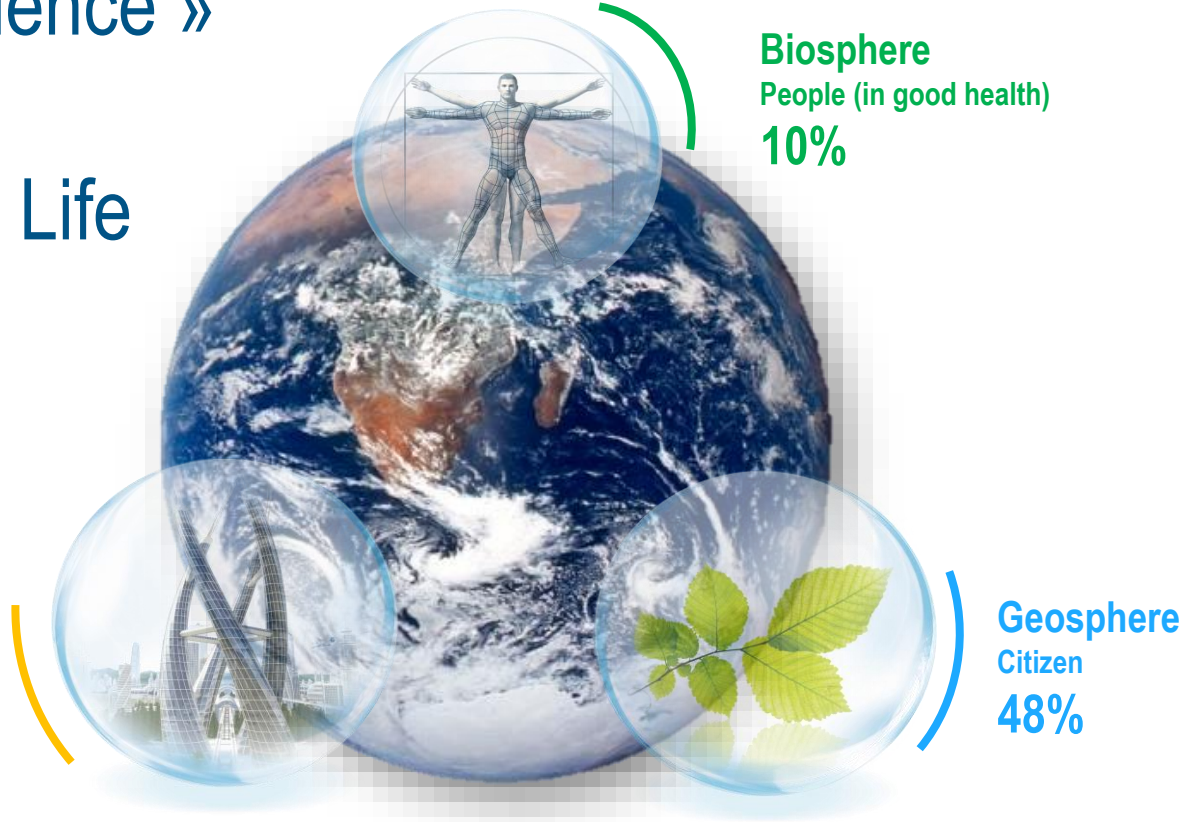
PLM MARKET SHARES

► Software PLM market including CAD, Simulation, Product Data Management, Digital Manufacturing



« Virtual Twin Experience » for Product | Nature | Life

Fabsphere
Customer
20%



Total Addressable Market

Fabsphere



Biosphere

Geosphere

WHAT TO SELL – 3DS PORTFOLIO

AS OF TODAY...

74

Industry Solution Experience

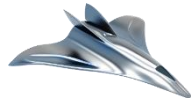
Industry Process Experience

538



10

129



10

113



7

50



7

84



11

80



6

44

11

industries

61

segments



8

50



12

101



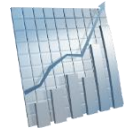
12

58



3

24



8

41

Our Belief

Virtual world extends
and improves real world



Our Purpose

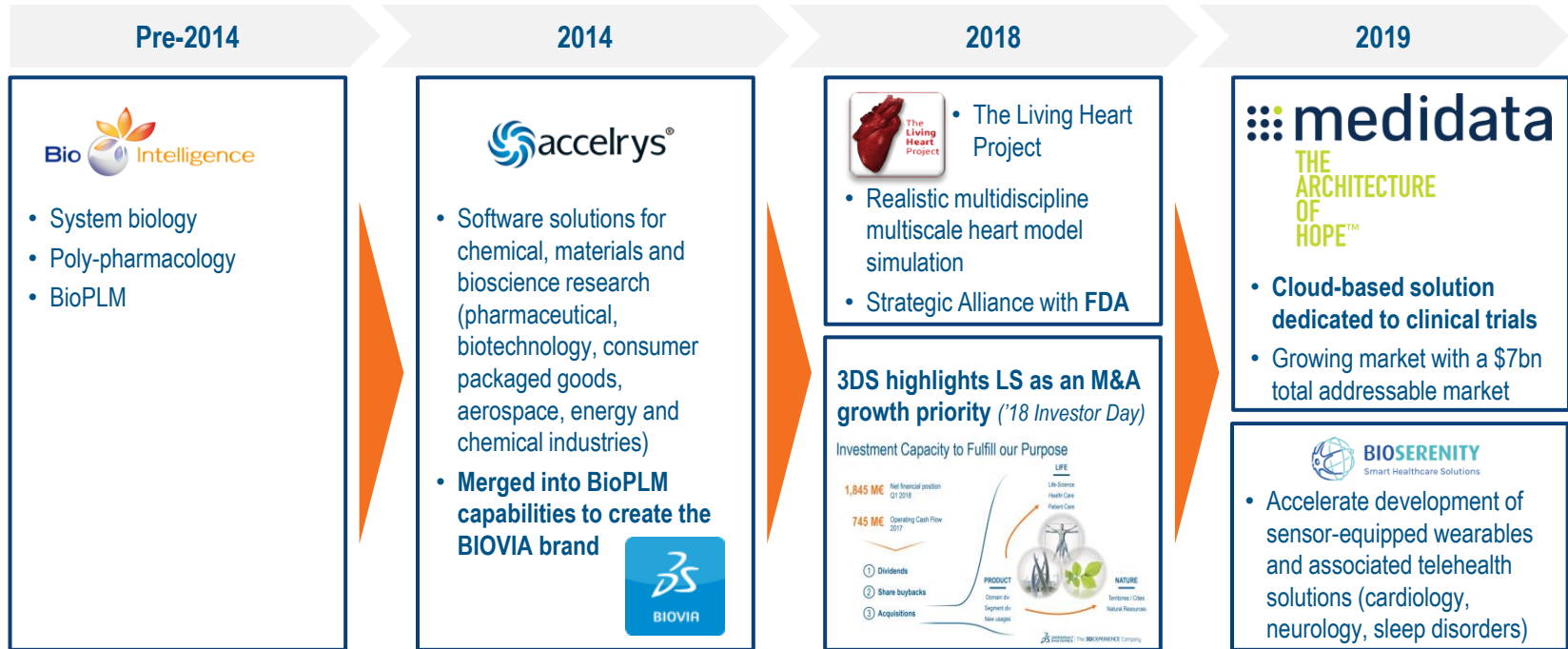
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Dassault Systèmes provides business & people with **3DEXPERIENCE** universes to imagine sustainable innovations capable of harmonizing product, nature and life.

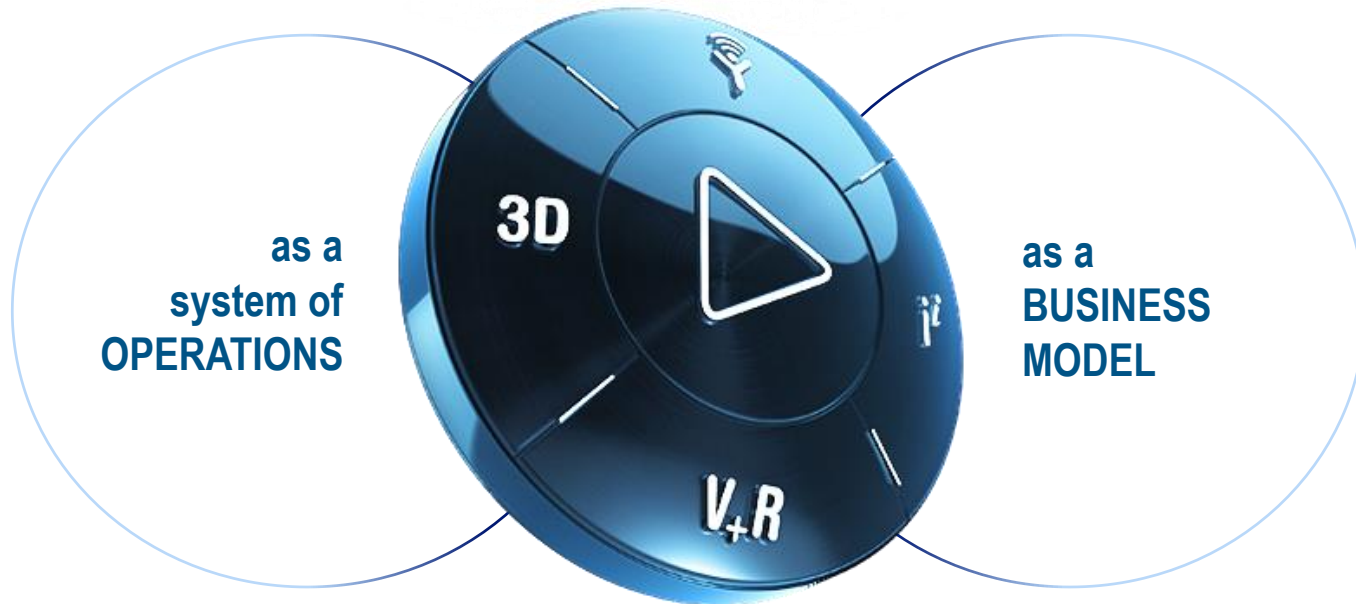
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2019 | A major milestone in Dassault Systèmes Life Sciences' strategy



The acquisition of MEDIDATA brings Life Sciences into a core market with strong positioning



A platform for knowledge and know-how

ALL PHYSICS

ALL DOMAINS

ALL SCALES

Functional

Logical

Physical
Macroscale
Continuum

Material
Sciences

Physical
Microscale
Non-Continuum

Structures
& Solids

Electro-
magnetics

Fluids

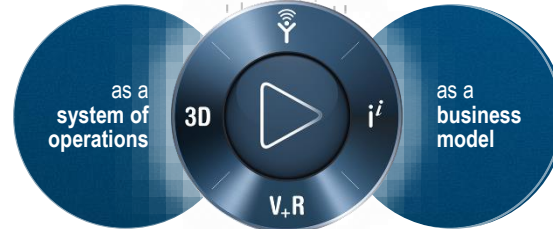
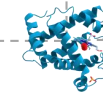
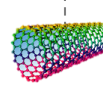
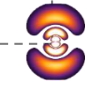
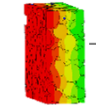
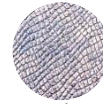
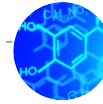
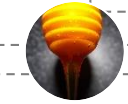
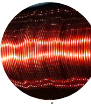
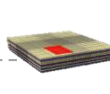
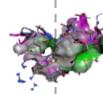
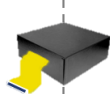
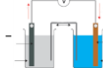
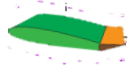
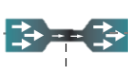
Thermal

Controls

Chemical

Bio

Geophysics



A new Level of Virtual Experimentation

Multi Discipline





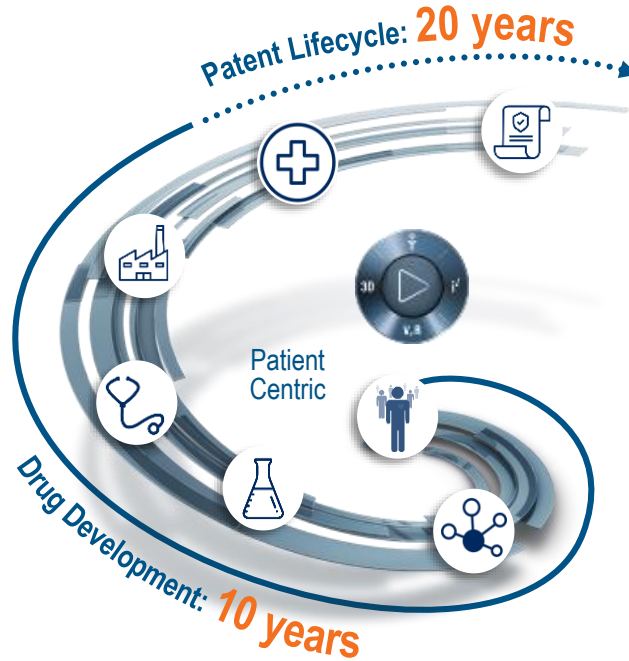
Dassault Systèmes to Acquire Medidata Solutions

Drug Development*
10 years

Cost Development**
\$2.6bn

Success rate***
<10%

Underperformance****
50%

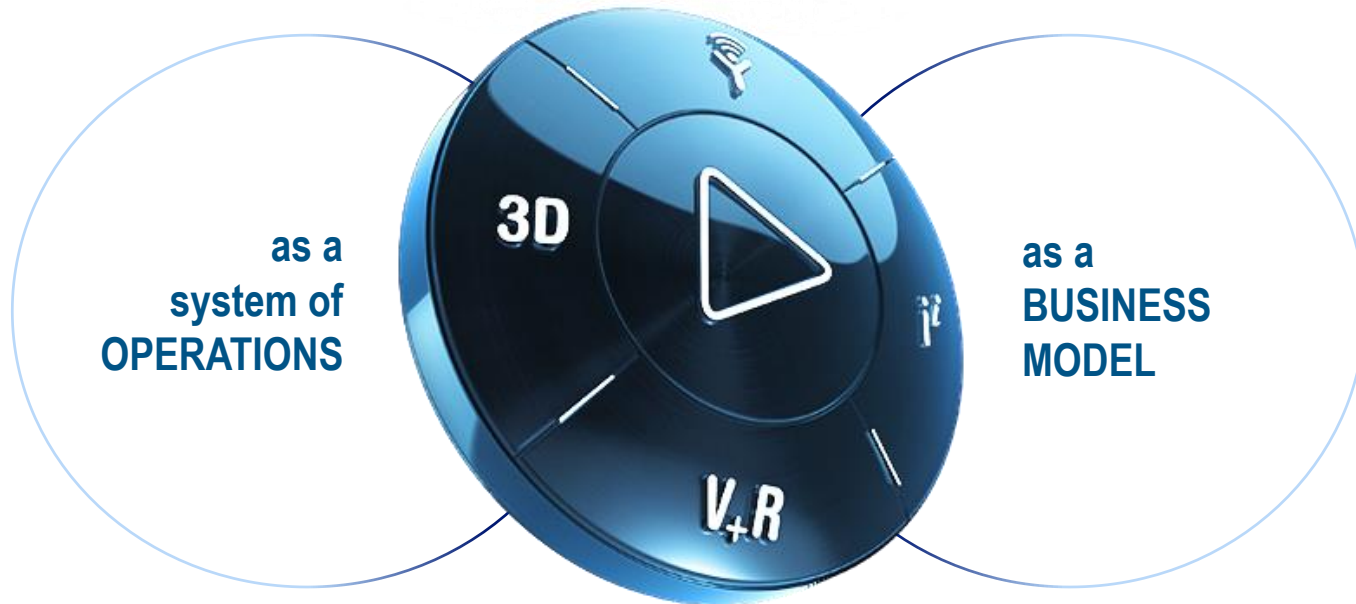


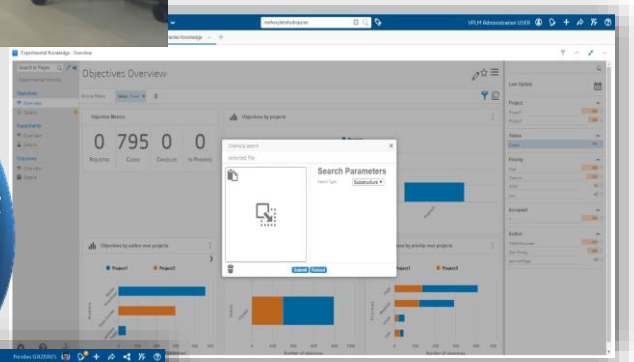
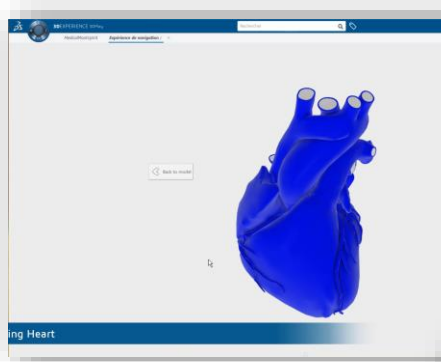
* Biopharmaceutical Research & Development: The Process Behind New Medicines, PhRMA, 2015 (page 4)

** Tufts Center for the Study of Drug Development, November 2014 (slide 5)

*** Clinical Development Success Rates 2006-2015 (page 7), BIO, Biomedtracker, Amplion

**** Bain report, September 2017







John Doe (JDE3)

253W, 28th Street New York (USA)
(212) 265-9700
John.Doe@dev.com

Personal Information

Virtual Brain

Brain Connectivity

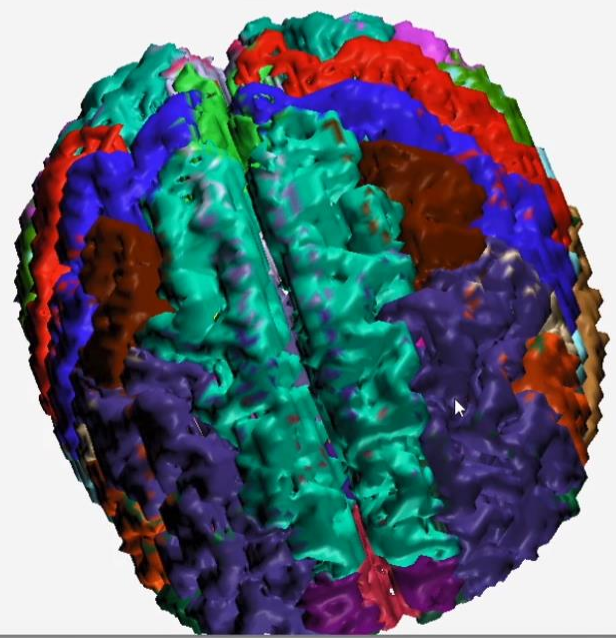
Epileptogenic Zone

Cortical Zones

- Entire Brain
- Left Hemisphere
- Right Hemisphere

Fiber Tracking

- Tractogram



Cortical Zones Color

Cortical Zones	Color
Bankssts	Dark Green
Caudal Anterior Cingulate	Purple
Caudal Middle Frontal	Brown
Cuneus	Pink
Entorhinal	Red
Fusiform	Light Green
Inferior Parietal	Magenta
Inferior Temporal	Maroon
Isthmus Cingulate	Dark Purple
Lateral Occipital	Dark Blue
Lateral Orbitofrontal	Dark Green
Lingual	Light Orange
Medial Orbito Frontal	Red
Middle Temporal	Brown
Para Central	Bright Green



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