



# Investor Presentation March 2018

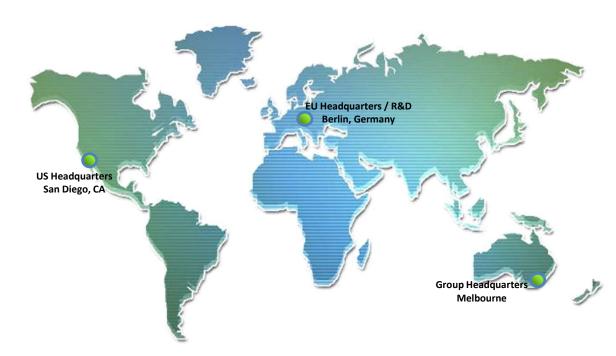




#### Pro Medicus (ASX:PME)

Healthcare IT company specialising in Enterprise Imaging and Radiology Information System (RIS) software.

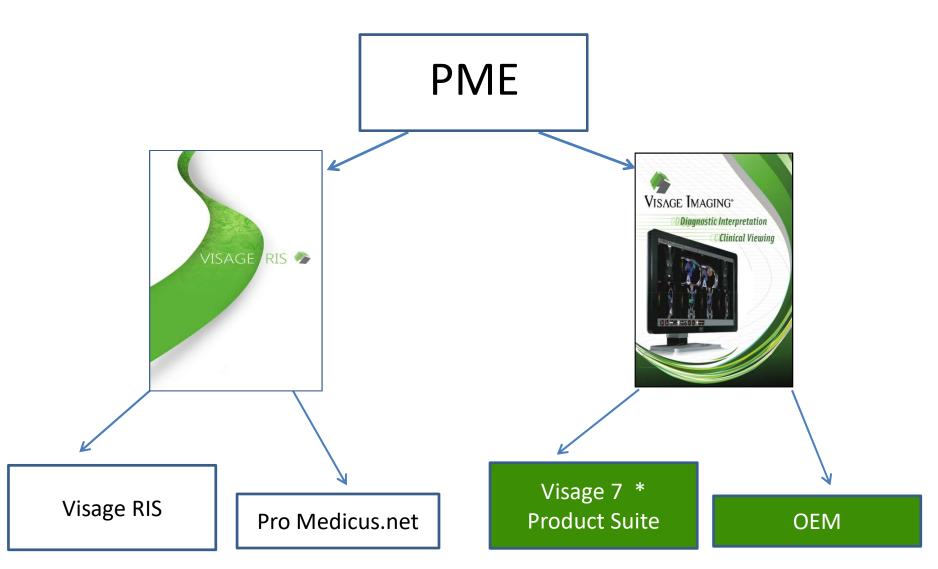
Leading edge products, growing global presence.



**Over 40 Software Engineers** 











#### FY18 Half Year Results

- Underlying NPAT \$ 5.42M up 33.0%
- Profit after tax \$5.07M up 5.7%
- Margins increased pcp to 41.5%
- Cash reserves \$20.8M
- Dividend 2.5c per share ff up 66.7% pcp
- Company debt free
- Strong balance sheet









#### First Half FY18 in review

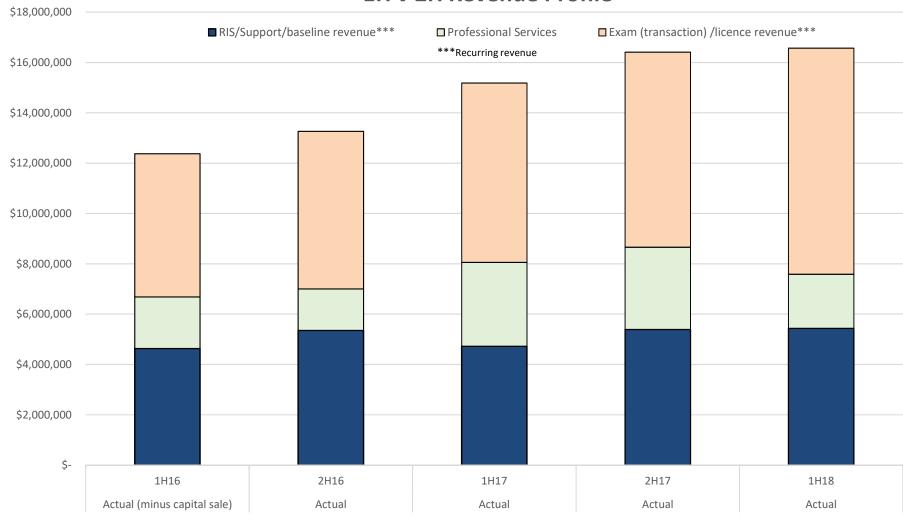
- November 2017 \$18M Yale New Haven contract
- Future contracted revenue > A\$125M/5 years
- Implementations on/ahead of schedule
- Visage RIS increased market lead
- Pipeline continues to grow







#### 1H v 2H Revenue Profile











#### **Professional Services**

- Project planning, training & implementation
- Revenue at beginning of contract
- Non recurring in nature ~ 10% contract value
- Lower in 1<sup>st</sup> half 2018 pcp
- Increasing in 2<sup>nd</sup> half FY2018 (Mayo, Yale & others)
- Will decrease as a % of total revenue as exam (transaction) revenue increases









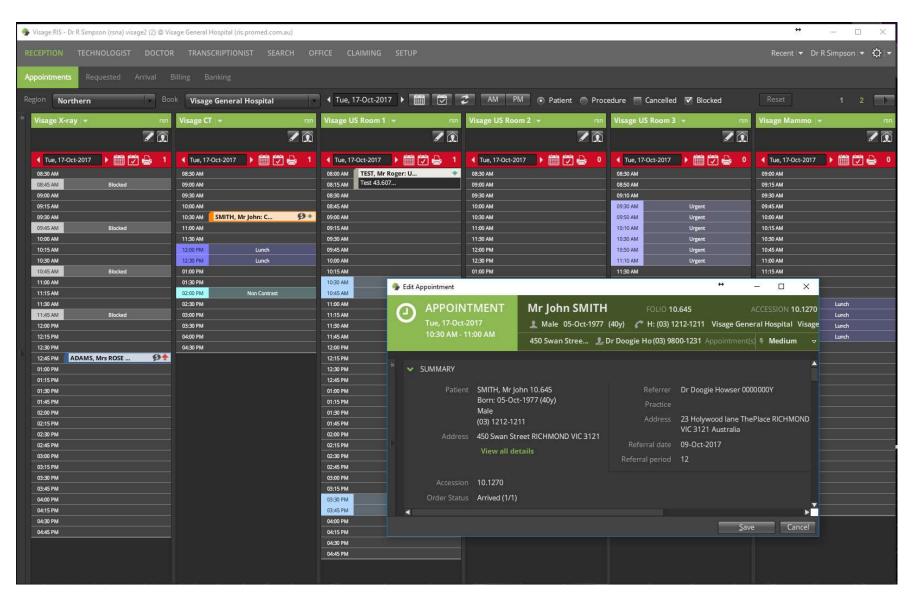
## Exam (transaction) revenue

- Recurring in nature
- Increases from half to half as sites come online
- Significant step-up from end of 2<sup>nd</sup> half FY 2018 onwards (Mayo, Yale & Others)
- Growth from existing clients (organic and M&A) plus new clients
- Further upside with adoption of new products (Visage Open archive and Enterprise imaging)





## Visage RIS









## Visage RIS – Market Leader

- Technology is leading edge
- Feedback from customers positive
- New clients purchasing Visage RIS & PACS
- Transition of user base nearing completion
- Large scale rollouts > 1,500 users on 1 system
- Company leader in field







#### RIS - Australia

- HIS (Primary) one of the largest diagnostic imaging service providers
- Visage RIS to be deployed in 141 practices
- 5 year transaction based agreement
- Rollout on track to commence 2nd half FY2018
- Upside as HIS grows
- Repositions PME as clear market leader









## Leading Edge Product Set – Visage Imaging <u>continues to be Number 1</u> in Speed, Functionality, Scalability







With speed, you can. Visage 7 is designed for amazing speed irrespective of the type, number or size of the studies required for display, freeing up precious time for you to do more.





Expectations, exceeded. Visage 7 is the essence of sophistication and simplicity, harnessing a myriad of capabilities and delivered as a multi-dimensional enterprise viewer.





One for all. Architected for ubiquitous imaging,
Visage 7 is the server-side platform that streamlines
complexity, allowing even the largest organizations
to stay ahead of the curve.





## Massive data explosion



- Higher image density CT leaps from 64 slices to 256 and now 640
- 3.0T MRI much larger dataset than 1.5T
- Functional Imaging e.g. PET scan often > 1.5 to 2 gigabytes
- Digital Breast Tomosynthesis (DBT) files can be over 4 to 6 gigabytes
- Prior examinations multiply the problem





## Electronic Medical Record (EMR)

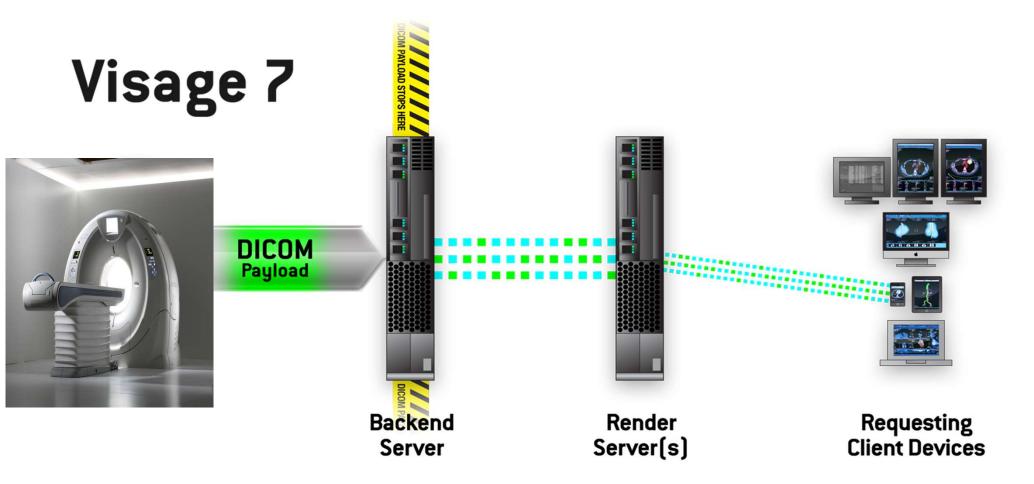


- Mandated in US Hospitals by end of 2018
- Consolidates all hospital data clinical and financial
- 90% of EHR is imaging data (by volume)
- Need all imaging data in one repository
- Driving adoption of VNA
- Need for a single Viewer for all images





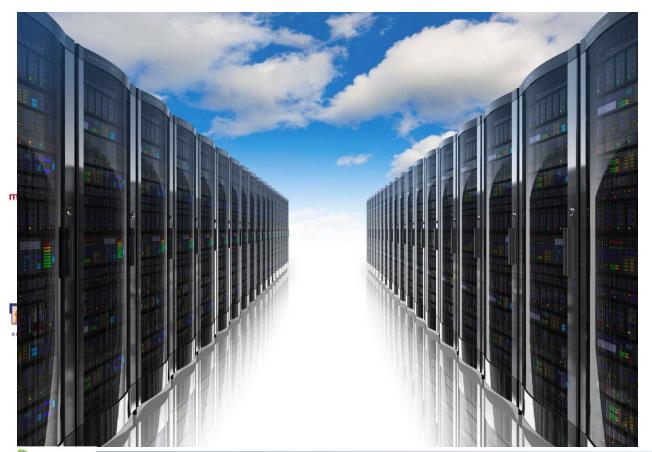
## Solution - Visage 7.0 Streaming Technology

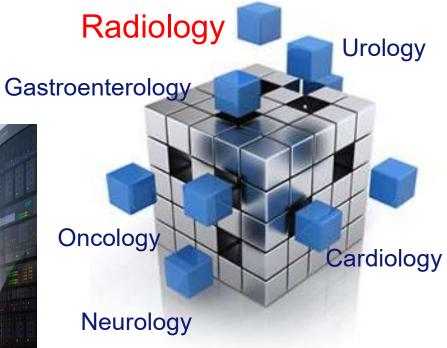






#### "Deconstructed" PACS - VNA/EMR









## Solution – Visage 7.0 Viewer"



Standalone Universal Viewer

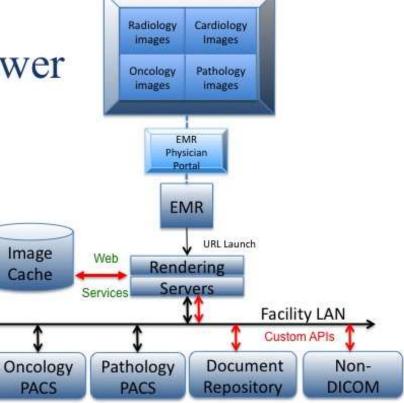
**DICOM Interfaces** 

Cardiology

PACS

Radiology

PACS



Universal Viewer





#### North American market





- PACS market estimated at > US\$2 billion pa and growing
- Expanding into Enterprise Imaging
- Paradigm shift to "deconstructed PACS" best in breed approach
- Market fragmented in process of consolidating
- Visage 7.0 proven, market leading technology
- Company well positioned







#### Yale – New Haven

- \$18 Million 7 year deal with Yale New Haven
- A leading academic/medical institution in the US
- Visage 7 to be implemented across all campuses
- Builds on footprint in University/Academic market
- Implementation in 2<sup>nd</sup> half FY 2018





## Fast Track Implementation





- Proven fast track methodology
- 1/3 the time of industry norm
- Delivers huge savings for client
- Strategic advantage key differentiator in the market
- Frees implementation staff for other jobs





#### **Proven Results**





- Significant IT and infrastructure savings
- Unparalleled radiologist efficiency
- Greater clinical accuracy
- Improved physician engagement
- Delivers superior value proposition





# Growing Recurring Income Stream – Operational (Transaction) Model



- Alternative to capital model
- Used in vast majority of US contracts
- Now used in RIS contracts in Australia
- Model based on <u>guaranteed</u> minimums
- Contracted minimums increase to > AUD \$125 million
- Upside as client examination volumes grow
- Annuity style revenue stream greater predictability





## Margin Expansion



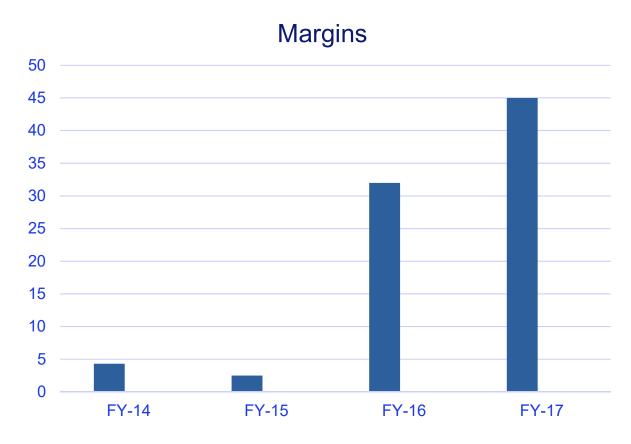
- Highly scalable offering
- No capex (HW) SW only model
- Training & Installation charged as professional services
- Relatively fixed cost base
- Margin continues to grow as footprint increases





## Margin Expansion











### **US** Pipeline

- Prospects at various stages of cycle
- Opportunities in both Private and Enterprise markets.
- Network effect from recent high profile wins
- Increasing number of groups coming to market
- Pipeline robust in terms of quality and quantity of opportunities









- Transaction growth from existing clients
- Expand current footprint new clients
- New product offerings for existing clients
- Extend to other geographical markets
- Leverage R&D capability to introduce next generation products





## New products – Visage 7 Open Archive

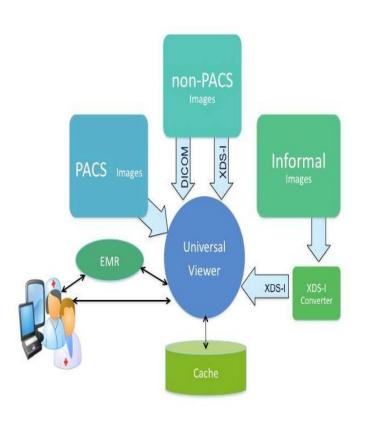


- Same highly scalable enterprise imaging platform used in Visage 7
- Modular design interoperable in complex environments
- Currently used outside of North America
- Visage can offer choice of deconstructed or single vendor solutions
- Well placed for the North American archive market





## New products - Enterprise Imaging



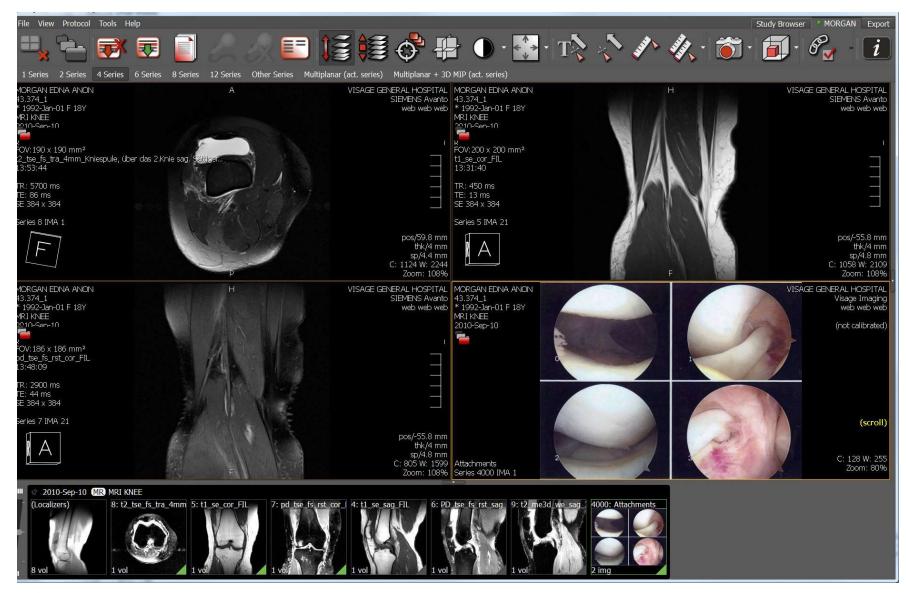
- Single viewer for <u>all</u> images in the medical record (EMR)
- Radiology/Cardiology (DICOM format)
- Other "Ologies" –neurology, ophthalmology etc
- Non radiology reflected light hi res photos & video
- Visage technology ideally suited
- Increases Visage value proposition
- Growth opportunity within existing contracts

Image courtesy of Gray Consulting





## **Enterprise Imaging**









## Artificial Intelligence (AI)

- Healthcare imaging ideally suited to Al
- Visage well positioned to take advantage of this emerging technology
- Advanced image processing in healthcare is "in our DNA"
- Visage architecture already uses GPU technology
- Growing academic/research focused client base







## Artificial Intelligence (AI)

- Holistic view of Al
- In product AI automate high end functions within Visage 7
- Visage 7 single visualization platform for AI in both clinical and research environments
- Open platform enables integration of both inhouse and 3<sup>rd</sup> party algorithms





#### Summary



- Unique market position
- Transaction model working
- Leading edge technologies
- Proven implementation & support capability
- Improved clinical outcomes
- Delivers significant financial benefits
- Unparalleled value proposition
- New products Enterprise Imaging & Open archive
- Well positioned to leverage AI



