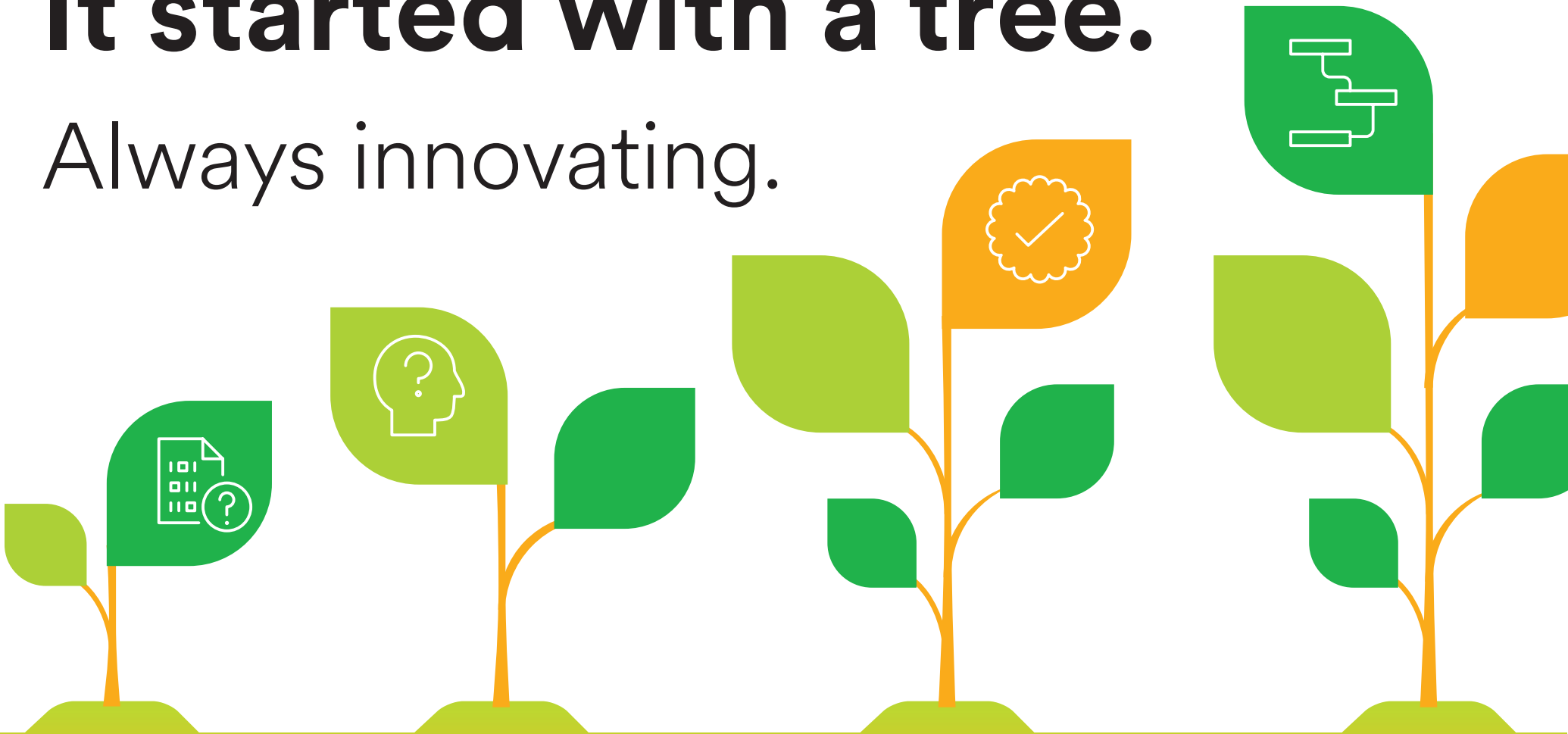


3M Health Information Systems

It started with a tree.
Always innovating.





Data gone missing

In the 1970s, medical informatics researcher and doctoral candidate John Morgan was trying to analyze medical data for the University of Utah. As he quickly realized, much of the medical data at the time was fragmented, incomplete or missing altogether. Medical records were all paper-based back then and also stored long-term on microfiche, not the easiest media to work with.

Understanding the problem

Morgan also discovered there was no uniform way for hospitals to code diagnoses and procedures, leading to wildly different and often incomplete medical record coding. He knew there was a better way to do things, especially with all the “new” computer technology at hand.

In 1979, he helped form a company called Code 3, which offered three products: SNOMED®, CPT® and ICD-9. The company’s mission was to bring computerized applications to hospital medical records departments.





Addressing the issues with logic trees

In 1982, Morgan introduced the world to a digital coding solution that prompted coders with a series of questions designed to guide the coder to create more accurate and complete records. Morgan developed a set of logic trees based on the way the human brain thinks, rather than on what the random codes in books were specifying in those days. This led to more precise coding and, as a result, more accurate, consistent and complete medical records.

By digitally mapping out uniform logic paths for the coder to follow, Morgan not only found a solution to fuel his research, he also created a seismic shift in the way medical coding was performed.

Enter 3M™ Codefinder™ Software

Not to be confused with a basic encoder, Morgan's revolutionary 3M Codefinder Software filled the holes in coding logic that the standard coding books at the time had not addressed. This software included a focus on procedural codes and introduced intuitive auto-suggestions and code-based diagnoses.

In 1983, Code 3 became part of the 3M Company as a new division called Health Information Systems, and, with his doctorate completed, Dr. John Morgan continued on with 3M as a consultant, eventually retiring in 1989.





Expanding into the 3M™ Coding and Reimbursement System (CRS):

Now part of the most widely used coding system in the healthcare industry, Morgan's human-centric, logic tree approach to medical coding is still the foundation of the 3M Coding and Reimbursement System (CRS), one of the flagship products of 3M Health Information Systems, a company that is now a leader in helping thousands of healthcare systems become more accurate, efficient and compliant.

Over the years, content from the leading coding and industry-standard clinical reference books was digitized and made available as context-sensitive components in the 3M CRS software, putting valuable information just a click away for coders when and where they need it.

3M CRS also continued to stay in step with the rest of computer technology and hospital information systems as they migrated from mini-computers to mainframes to Microsoft® Windows™-based platforms and on to the cloud-based systems of today.

Delivering results that make a difference

And through all this, 3M Health Information Systems never lost sight of serving the compliance and financial needs of coding and reimbursement professionals. From major regulatory events to monthly revenue cycle goals, 3M Health Information Systems has helped healthcare organizations achieve results that make a difference. For example, 3M coding systems:

- Can help increase coder productivity and accuracy with patented workflows that include dynamic user displays of coding and reimbursement data for multiple DRGs
- Are the most widely used suite of medical coding tools on the market



The evolution of 3M coding continues

3M Health Information Systems continues to lead the industry with medical coding and reimbursement solutions that are regularly updated to address the latest compliance standards and industry shifts. Today's 3M coding systems are the most widely used suite of medical coding tools on the market, offering:

- Highly sophisticated, yet easy-to-use patented workflows
- Industry-leading coding tools that address policy changes to reimbursement methods
- An expansive team of coding experts and clinicians delivering consistent, uninterrupted regulatory updates





3M™ Coding and Reimbursement System Plus (CRS+)

3M Health Information Systems has set its sights on the next generation of coding technology with the 3M Coding and Reimbursement System Plus (CRS+), which adds these new, powerful features:

- Automated facility values are seamlessly uploaded to a user's site, based upon the inpatient facility reimbursement values assigned by Medicare
- A code prioritization feature allows sites to create a list of codes that are automatically prioritized in the software
- Expanded edit capabilities

Always innovating

From Dr. Morgan's early vision of creating complete and accurate medical records to the 21st-century expert coding logic and natural language processing technology of today, 3M's coding systems have always been out front and ahead of the industry.

Plus, with more than 35 years of experience and a culture of continuous innovation, 3M Health Informations Systems has grown from mapping out the first medical coding logic tree to significantly reshaping medical coding practices and the healthcare industry at large.

And we're still not done.

For more information on how 3M software and services can assist your organization, contact your 3M sales representative, call us toll-free at **800-367-2447**, or visit us online at **www.3m.com/his**.



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