

THE DIGITAL ERA

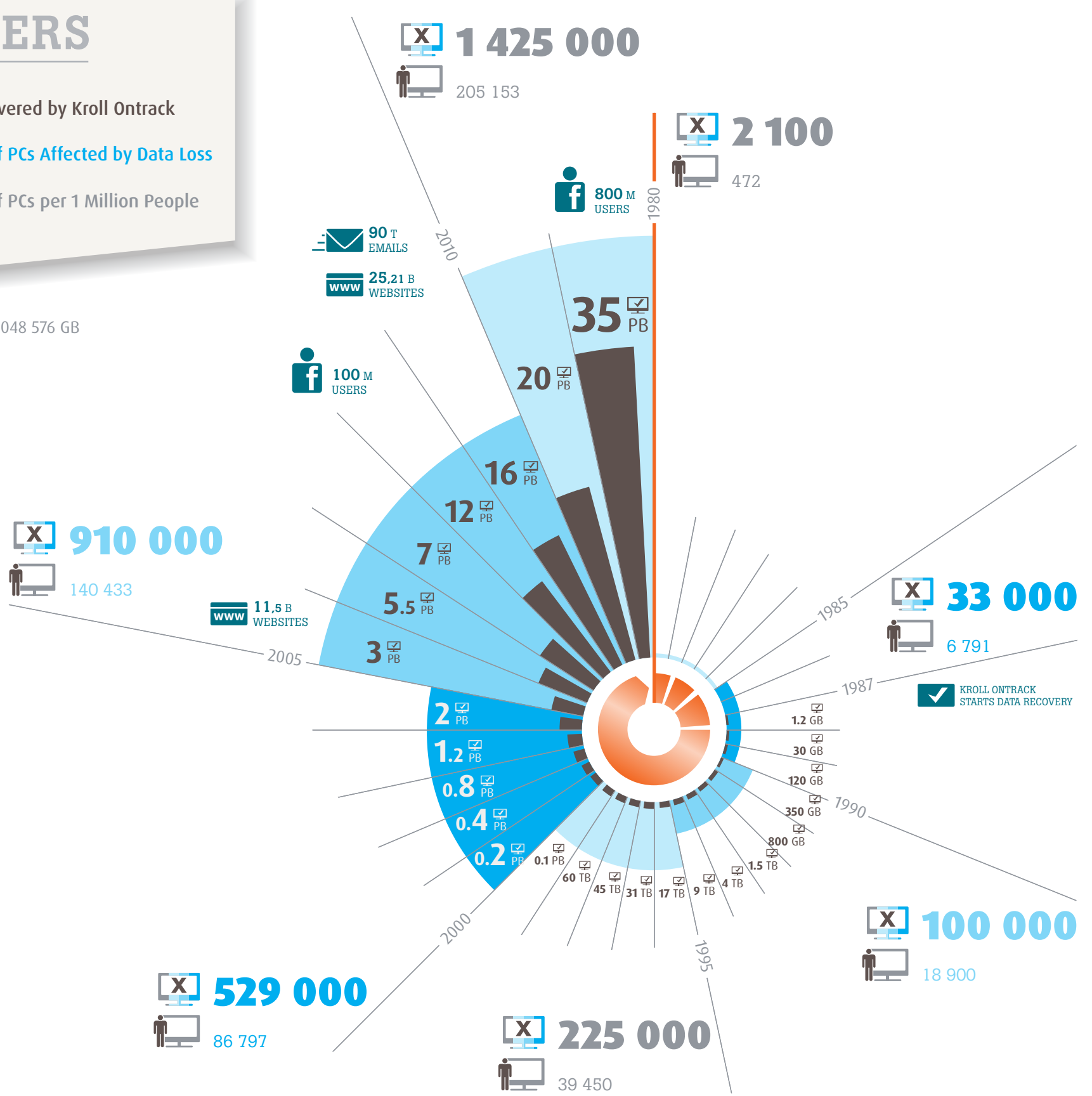
How our life has changed into a digital one
Data creation, data loss and its recovery over time



NUMBERS

- Data Recovered by Kroll Ontrack
- Number of PCs Affected by Data Loss
- Number of PCs per 1 Million People

1 PT = 1 024 TB = 1 048 576 GB



EVENTS

Brief history of digital life bit by bit

IT Events

Kroll Ontrack Events

Kroll Ontrack starts up Release of legendary Disk Manager	1980	Flash memory is invented	Seagate releases the first 5.25-inch hard disk Winchester	Home microcomputer ZX-80 the best known in Europe
First data recovery case in company history	1982	Maxtor disk manufacturer is founded	Compaq is founded and becomes IBM's biggest competitor	
First onsite recovery in military conditions during Desert Storm in Kuwait by Greg Olson and Stuart Hanley	1984	SyQuest introduces the first portable hard disk with a capacity of 5 MB	Microsoft introduces File System NTFS	Beginning of the Internet. ARPAnet
Massive data recovery after attack of Michelangelo virus	1986	Apple introduces Macintosh computers	Oracle Corporation releases Oracle version 5, which supports the client-server model	
Official launch of Computer Forensics services	1988	SCSI is officially standardized by the American National Standards Institute	One of the first examples of digital forensics - Clifford Stoll pursuit of hacker Markus Hess	
Launch of Ontrack EasyRecovery software	1990	The beginning of RAID storage	FAT 16 File Allocation Table is created	
First recovery from SSD Drive	1992	Robert Morris releases the Morris worm	Taiyo Yuden company releases a CD-R	
First Remote Data Recovery over Internet connection	1994	Digital Data Storage (DDS) is a format for storing and backing up computer data on magnetic tape		
Recovery of data from hard drive after 20 months in the sea	1996	Linear Tape-Open (or LTO) a magnetic tape data storage is developed	The rise of HTML	
Retrieve presentation for the Nagano Olympics Committee	1998	Beginning of WWW	Famous Michaelangelo virus	
Massive data recovery cases after millennium bug [Y2K]	2000	First extended file system (EXT) created especially for Linux		
Kroll Ontrack recovered data and evidence of data sabotage in Omega Company case - important US government contractor	2002	First full Linux distribution		
Data recovery after terrorist attack on WTC	2004	CompactFlash (CF) is produced		
Launch of Ontrack PowerControls e-mail recovery solution for Exchange	2006	M-Systems introduces flash-based SSD drives	EMC develops the concept of network-attached storage	Hacker Kevin Mitnick is arrested
Data recovery from onboard scientific computers after Space Shuttle Columbia crash	2008	IBM computer Deep Blue beats chess master Garry Kasparov	Microsoft introduces FAT 32	
First Recovery for the cloud	2010	The term cloud computing is used for the first time	Google.com domain is registered	First mobile device with the Internet - Nokia 9000i
Recovery of Gothenburg Rescue Service Data Center flooded by sea	2012	MySQL is introduced	Apple introduces the iMac	
Kroll Ontrack launched recovery technologies from complex VMware environments	2014	VMware introduces full virtualization		
Saved critical pieces of world history from WWII when we recovered & converted data from 300 disks	2016	Millennium bug - The Year 2000 problem	Microsoft Pocket PC 2000 is introduced	'Love hurts - virus I love you'
Data recovery after tsunami in Japan	2018	DVD-R appeared on the market	Quantum sells its hard drive business to Maxtor	Wikipedia is founded
	2020	Blu-ray technology is introduced	Hitachi takes over IBM's hard drive business	
	2022	LinkedIn is launched	The game Second Life is released	
	2024	MySpace is launched	The photo sharing site Flickr is launched	Facebook is created
	2026	Toshiba produces the first commercially available disk drive (1.8") using perpendicular recording technology	Maxtor is acquired by Seagate Technology	YouTube is created
	2028	The company Cloud Computing introduces the idea of securely storing unlimited amounts of data without physical onsite hardware	Amazon.com opens AWS cloud	
	2030	Apple introduces iPhone	Dropbox is founded	Google releases Android
	2032	Apple introduces the MacBook Air	Worldwide notebook computer shipments exceed desktops for the first time	
	2034	Microsoft releases Virtual PC		
	2036	130 exabytes of data is stored in the cloud	Stuxnet worm is first discovered	Apple releases iPad
	2038	Microsoft introduces Office 365		

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