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Project Examples

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National Museum of the American Indian
Interactive Touchscreen Kiosks
One Bowling Green
New York, New York

The National Museum of the American Indian houses a networked touchscreen kiosk system showing patrons museum information and history in five different languages, current and upcoming installations, calendars of upcoming events, and a wayfinding system from each kiosk starting point to the installation chosen by the user.

A seperate Kiosk Builder application was created to allow museum personnel to update the kiosk information, images and dated material.

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Marvel Comics

Weekly Cybercomics
Monthly Serials
Games
Sound Design

Programmed the weekly interactive shockwave cybercomic engine and oversaw the final production of each for 3 years. Created ambient sound beds before mp3 codecs where small looping sounds of matching bpms at insanely low bitrate and quality (5-11khz) would layer to create a mutating atmospheric environment.

Oversaw production of the monthly Excelsior Theatre; reminiscent of radio serials, the production of the 'Secret Adventures of Captain America' was much like a film; recording each voice actor seperately, editing and arranging takes for the story flow, creating sound effects and musical themes throughout, as well as being the voice of Captain America himself.
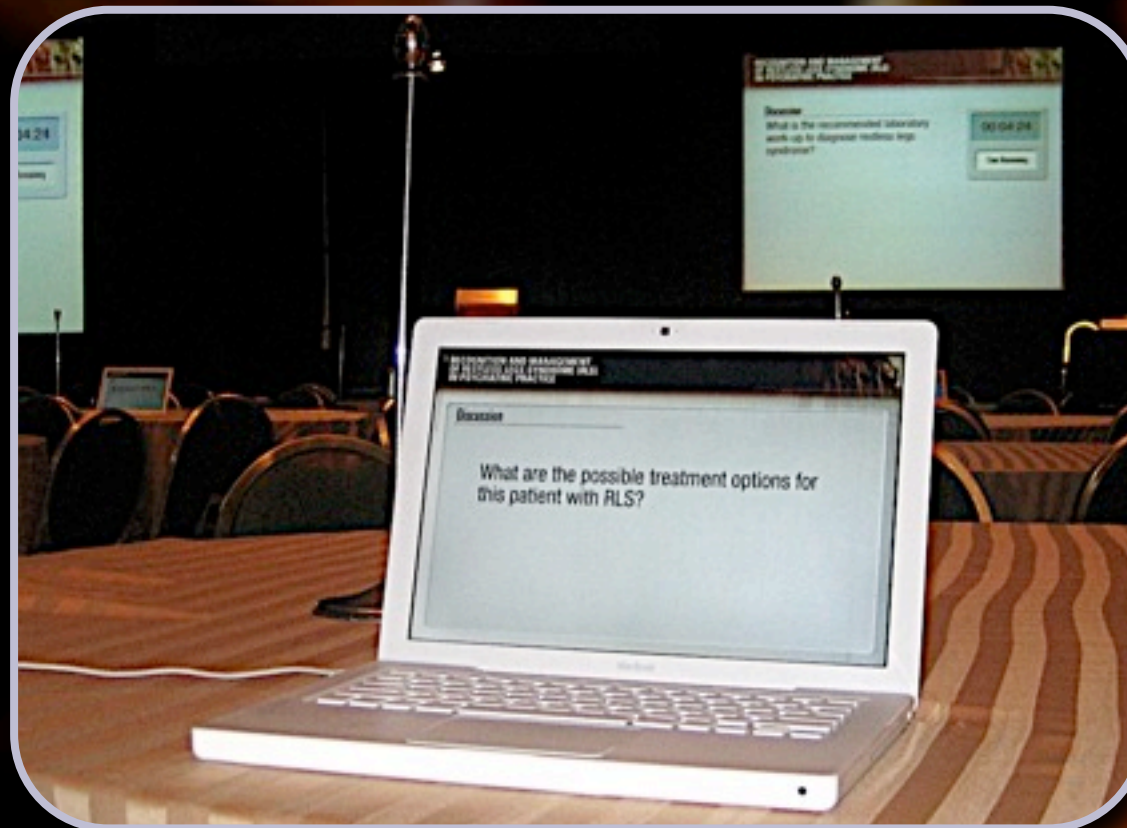
Created a number of online games as well as animating the opening sequence to the Marvel Quake mod, and the additional audio portion used 7 original songs.
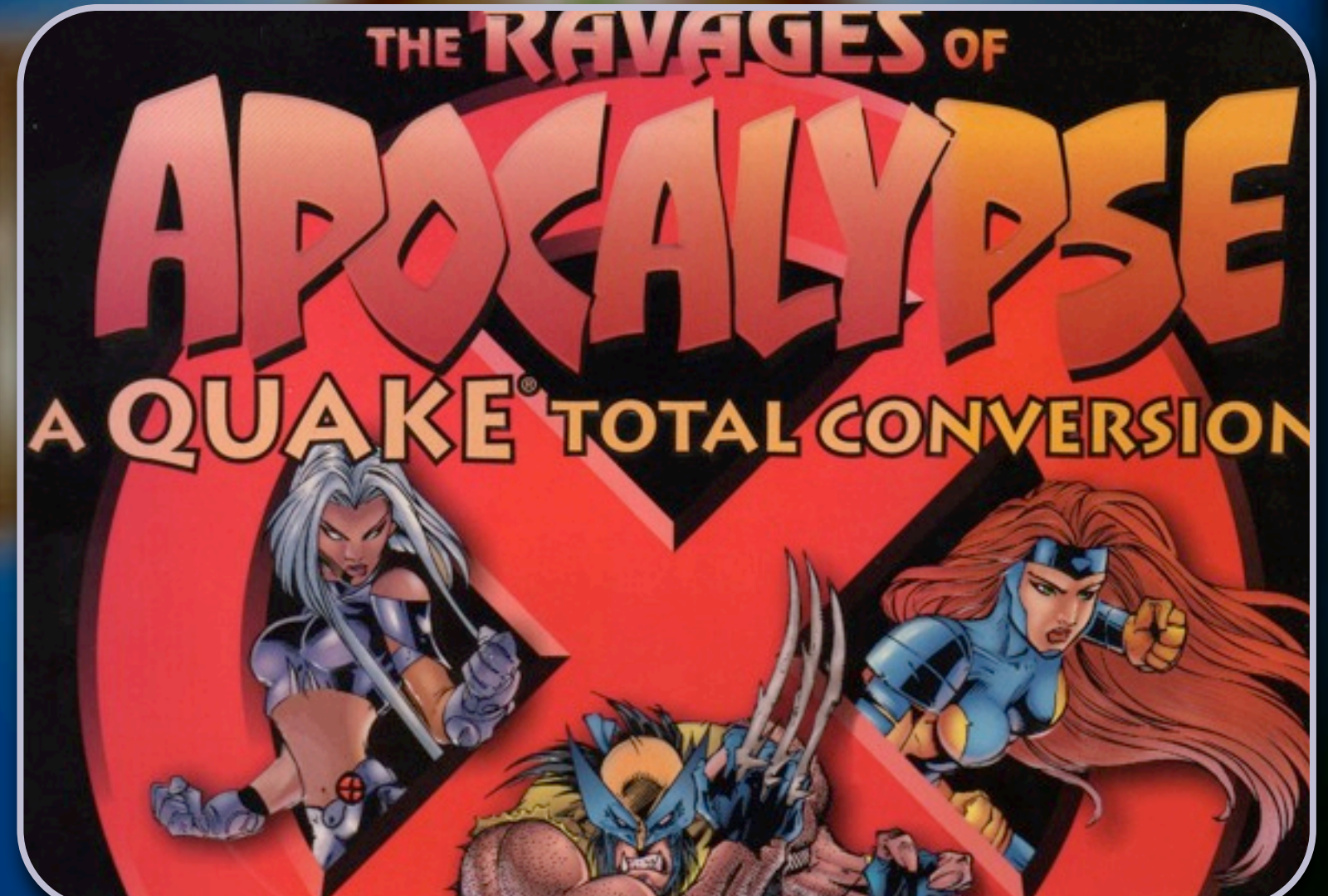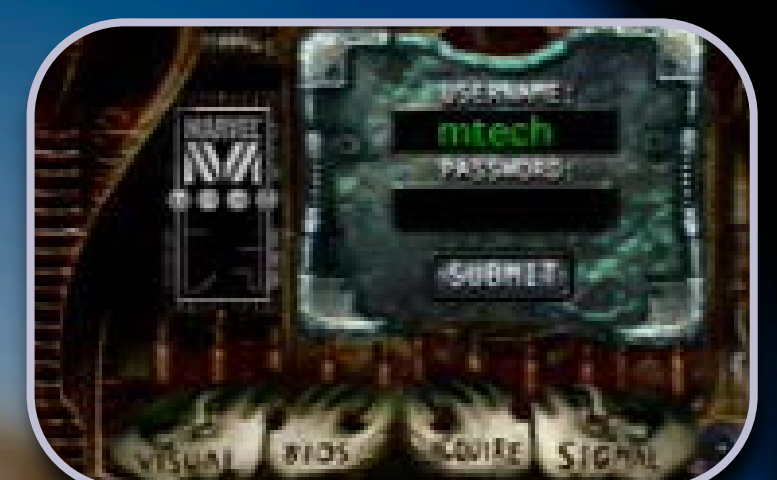
BI Meeting Path Live
American Psychologists Association Convention
San Diego, CA

A live, realtime interactive case study inserted within a presentation on Restless Leg Syndrome, each table was allowed to cast votes on multiple answers to displayed questions. The network of 30 computers were synchronized and controlled by timer, with the results being displayed on screen immediately after. All answers were saved to a database. Each table was also allowed to answer an open ended survey multiple times.
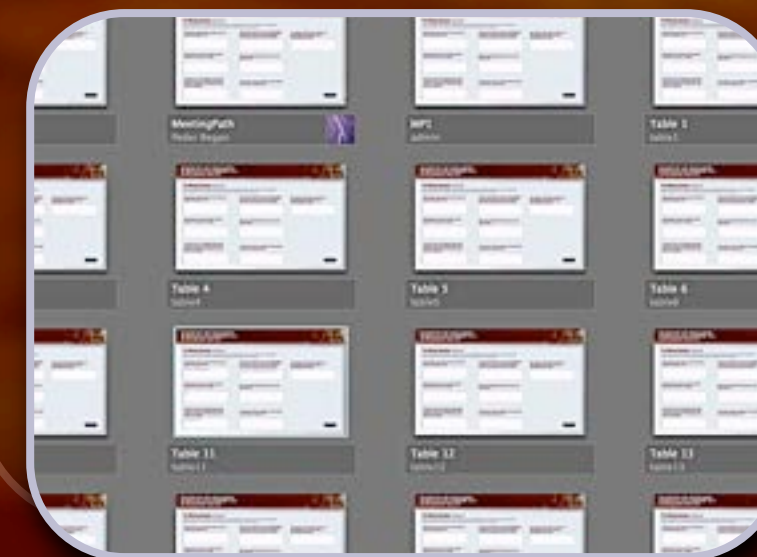
The Core Club
14th and 10th
New York, New York

The Core Club is a premiere fitness and dining club located in Manhattan. The audio experience throughout the six floors of the club can be controlled by any of the interactive touchpanels on any floor, as well as a web interface.

Boasting multiple AudioRequests - that is a networked mp3 player and broadcaster - the Club can matrix any audio to any floor or zone, or streamed to any device within the network.

Zone 2.1: Restaurant

Zone 2.2: Dining Room

Zone 2.3: Bar

Zone 2.4: Lounge

Zone 2.5: Terrace

Zone 2.6: Restrooms

Zone 2.1 Restaurant

Zone 2.2 Dining Room

Zone 2.3 Bar

Zone 2.6 Restrooms

Bumble and bumble University
14th and 10th
New York, New York

This new multifunctional facility uses technology to teach advanced haircutting techniques to students that come into NYC from all over the country.

The 3rd floor is their university, containing 4 intimate classrooms and a 103 seat auditorium. The supporting content is distributed to the classrooms using networked digital video servers, while the classes themselves are controlled by a facillitator using WiFi tablet computers.

A dual-screen G5 was the playback system for each classroom, connected to a centralized server, where the GUI would log in and get assigned a class. Communicating via a flash interface, over an xml socket to both the playback engines and centralized servers, stepping through a class could control lights, audio, 2-camera video input with pan and tilt, screen control, video playback and slides -- from any room to any playback system.

Crestron Programming Touchpanel Design

Designed and implemented numerous Crestron touchpanel interfaces for various installations and conference room systems; many of which are still 8bit graphics with no alpha channel support. Programmed the control systems to speak to various external devices, interfacing over RS-232 or TCP/IP for clients such as The Federal Reserve or Cooper Hewitt Design Museum.

Designed numerous custom software solutions and control systems, communicating to devices through serial or socket servers.
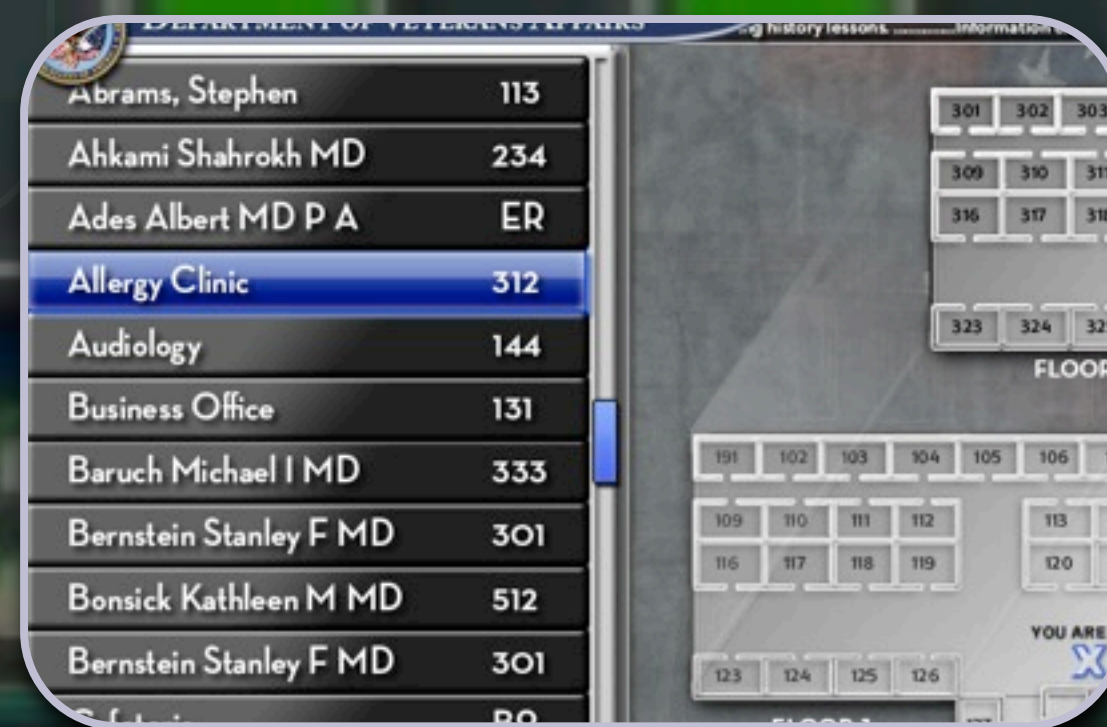
The Intrepid Kamikaze Experience
14th and 10th
New York, New York

Helped implement a 7-video and multitrack audio experience in the Intrepid Naval Museum. Utilizing a smpte track as a lock for the audio and video, midi controlled the raising and lowering of the screens, dimming of the lights and expulsion of fog machines to allow visitors to best experience a kamikaze attach upon the vessel in World War II.

The audio was mixed in the space and allows for directional sound to the extreme.

TVT Records
Interactive CDROMs
Hard Rock
Jimmy Page and the Black Crowes
DJ Hurricane

Produced, designed and programmed a number of interactive cdroms for TVT Records. 'HARD ROCK' was a sampler of various TVT artists; each artist's section was designed based on that album's particular feel, offering portions of tracks to be played, music videos previewed and artist information to be perused. Beastie Boys' DJ Hurricane CD offered customers a chance to remix Hurricane's single utilzing the Beatnik Engine

Video and 3D
Motion Graphics
Modelling
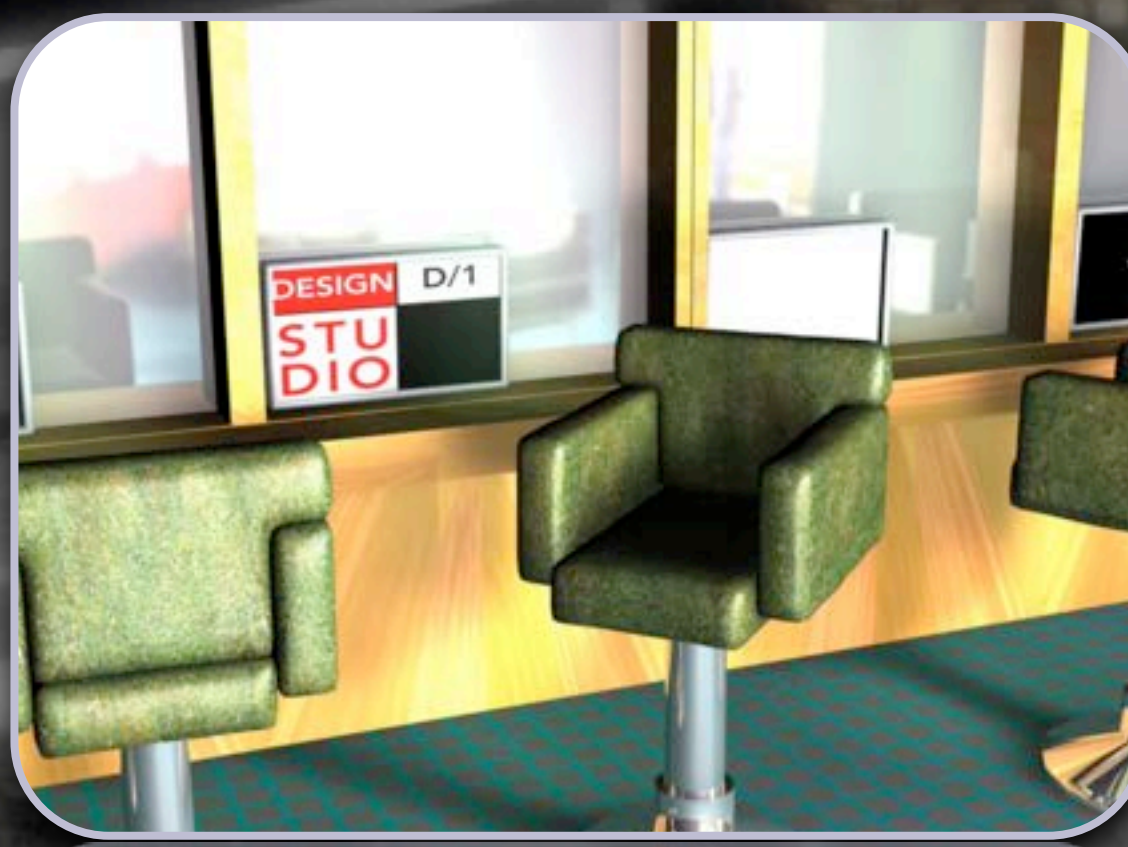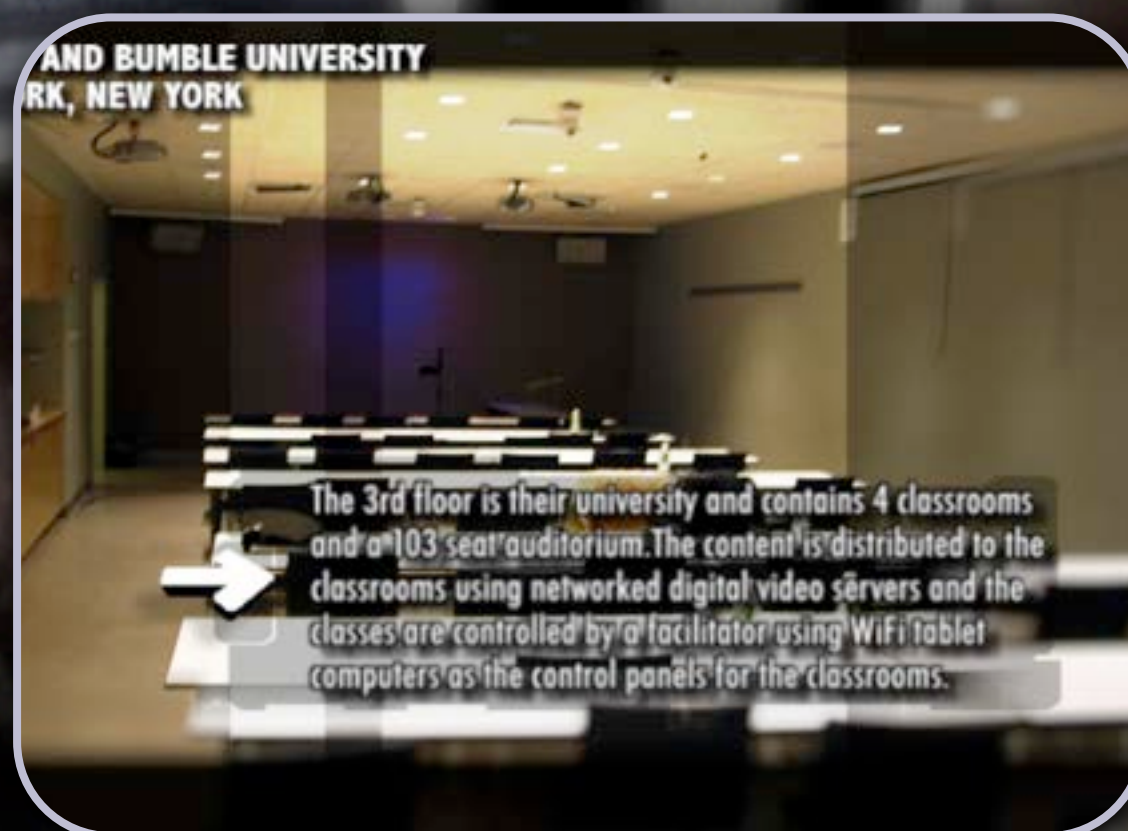
Extensive experience in video editing, compositing and dynamic generation. In depth knowledge of various video codecs and the pros and cons of each in regards to the final delivery mechanism.

Though having been a Maxon Cinema4d beta tester in the past, experience in multiple 3d modeling applications such as Modo, Z-Brush, Maya, Max, Swift3d.
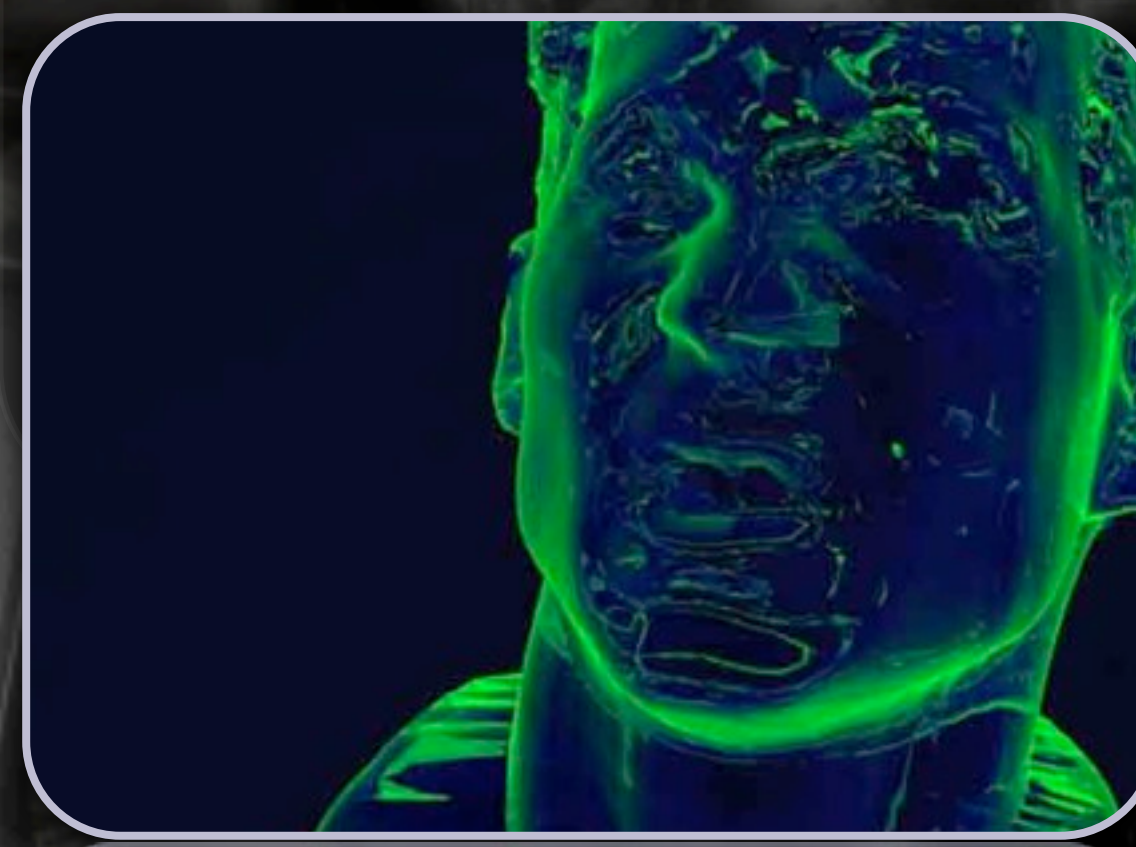
Various Applications

Created numerous applications that culled from databases, online or local, saved state, exported documents, images, pdfs or other media, such as the Verizon Identity and Brand Standards, an internal company cdrom which featured video regarding proper use of the Verizon logo and exported images appropriate to various media in various formats.
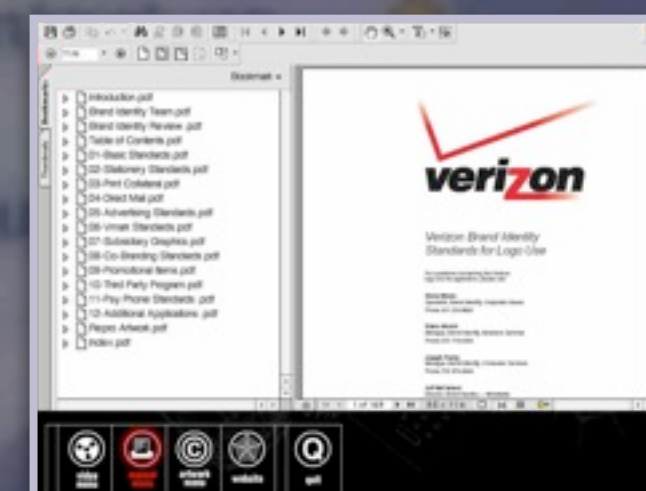
A series of cdroms for Subaru and Mack Trucks were designed as supporting material and presentation engines.

Reckitt Benkiser commissioned an application that printed out wall charts for employees in multiple languages as to the proper use of their cleaning supplies.
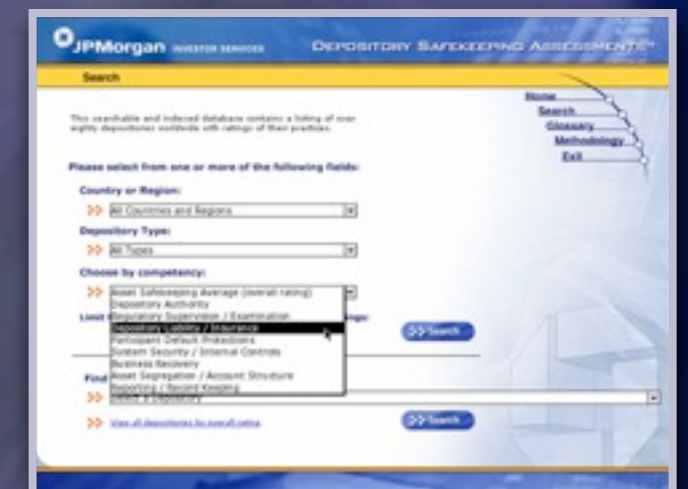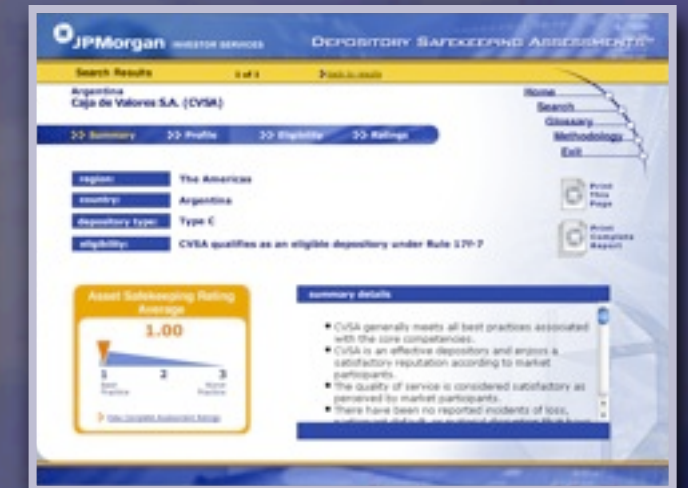
Security Officer Training Online
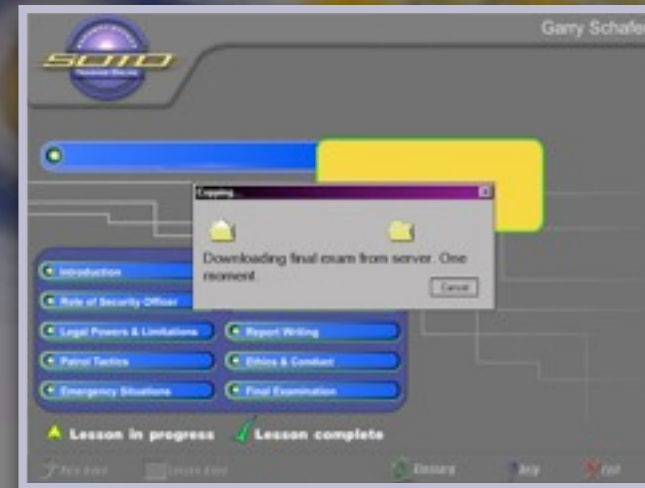
Verizon Identity and Brand Standards

Chase Manhattan JP Morgan

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design / development

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