THE FIRST DIGITAL DECENNIUM 1998-2008

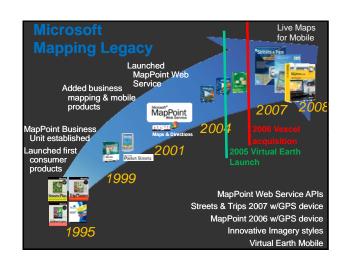


THE INTERNET NOW IS LOCATION AWARE

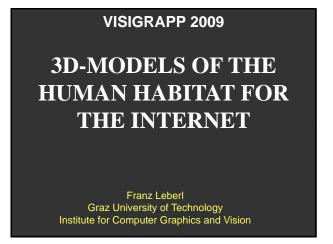
Every Place, Anywhere, Anytime

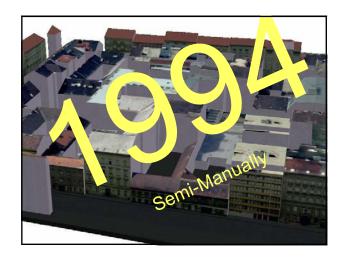
maps.live.com

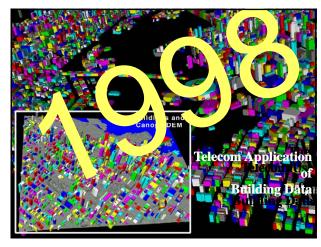
maps.live.com

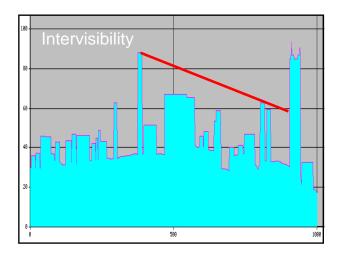
















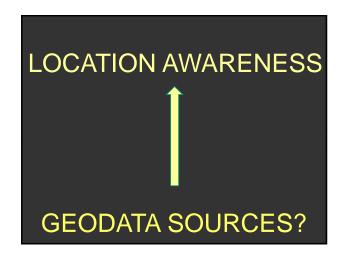


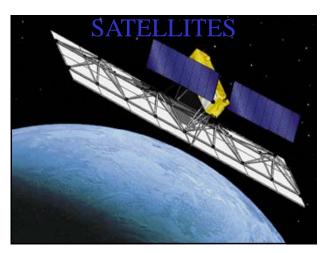








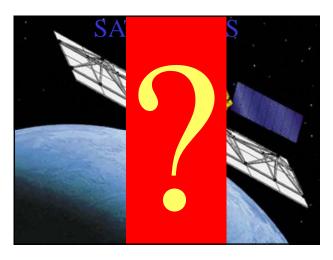
















THE EARTH'S LAND MASS

The World in 15 cm per Pixel



THE EARTH'S LAND MASS

The World in 15 cm per Pixel ~ 20 Peta Bytes, 2-D

Kilo Mega Giga Tera Peta Exa Zetta Yotta

THE EARTH'S LAND MASS

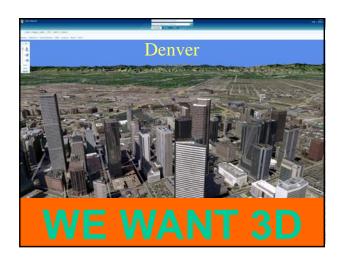
The World in 15 cm per Pixel ~ 20 Peta Bytes, 2-D

—

Mega Giga Tera Peta

Kilo

Exa Zetta Yotta







PERSPECTIVES

Search
Navigation
Games
e-Commerce
Smart Phones
Mixed Reality
Internet of Things
Chips on Body

3D MODELS

J

3D-VISION

DIGITAL 3D-V?

EXCELLENT AERIAL IMAGERY
SMART IMAGE COLLECTION
AUTOMATED TRIANGULATION
DENSE MATCHING
SUPERIOR GEOMETRY
LIMITIESS DETAIL

DIGITAL 3D-V?

SMART IMAGE COLLECTION
AUTOMATED TRIANGULATION
DENSE MATCHING
SUPERIOR GEOMETRY
LIMITLESS DETAIL



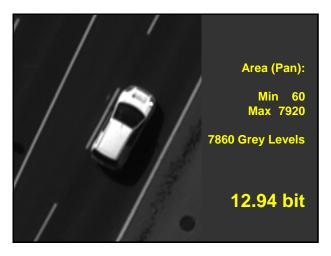
MICROSOFT DUE DILIGENCE

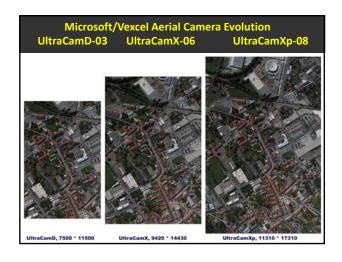
"What is so hard about large format digital aerial cameras?"

Bill Gates, Jan 2006

























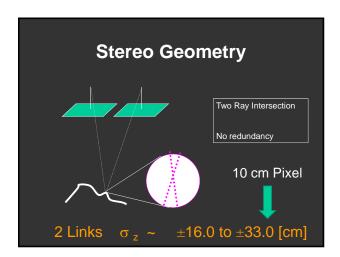


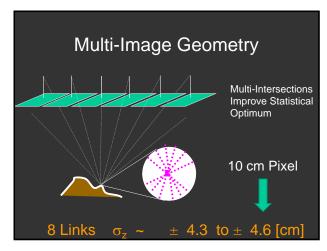


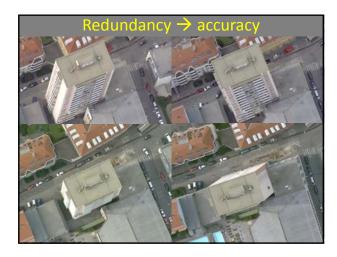


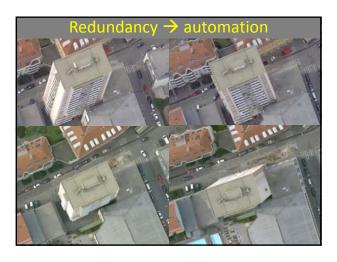
















THE EARTH'S LAND MASS

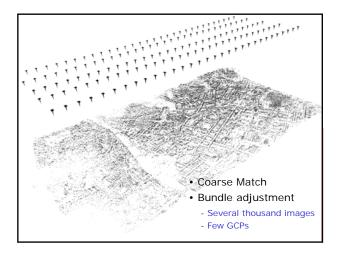
The World in 15 cm per Pixel towards 200 Peta Bytes, 2-D

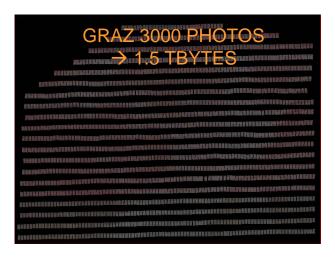
Kilo Mega Giga Tera Peta Exa

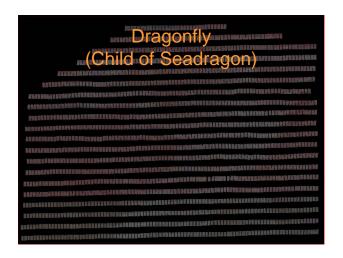
Exa Zetta Yotta

DIGITAL 3D-V?

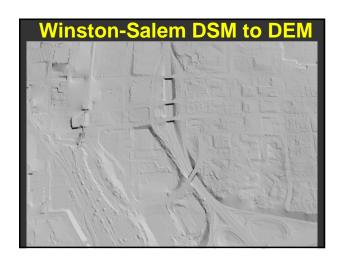
EXCELLENT AERIAL IMAGERY
SMART IMAGE COLLECTION
AUTOMATED TRIANGULATION
DENSE MATCHING
SUPERIOR GEOMETRY
LIMITLESS DETAIL

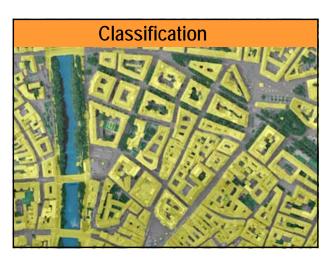






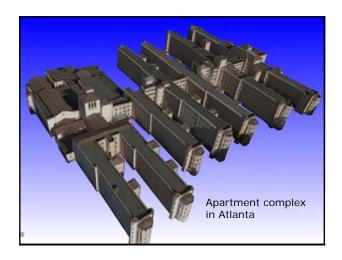
EXCELLENT AERIAL IMAGERY SMART IMAGE COLLECTION AUTOMATED TRIANGULATION DENSE MATCHING SUPERIOR GEOMETRY LIMITLESS DETAIL



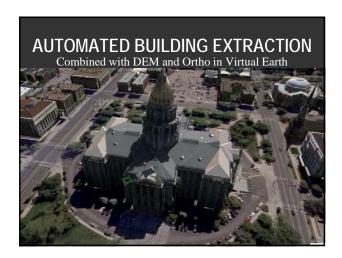


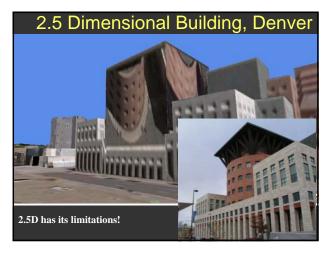




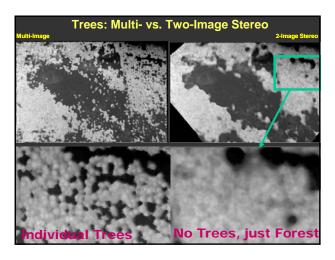


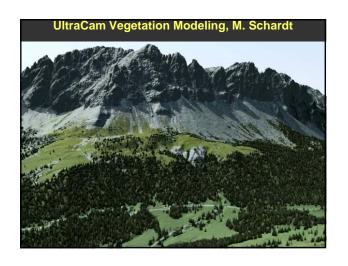




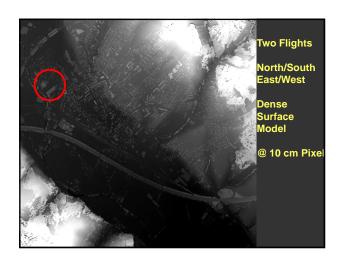


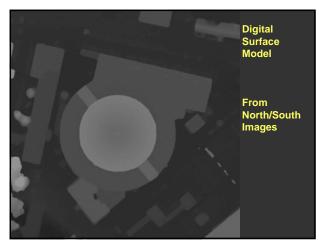


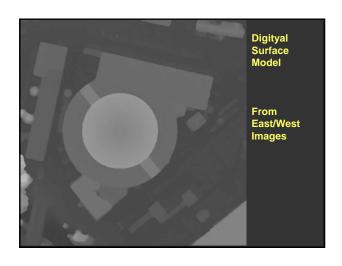


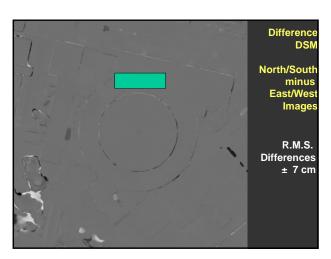


EXCELLENT AERIAL IMAGERY SMART IMAGE COLLECTION AUTOMATED TRIANGULATION DENSE MATCHING SUPERIOR GEOMETRY LIMITLESS DETAIL

















NEW IDEAS TO SOLVE NEW PROBLEMS







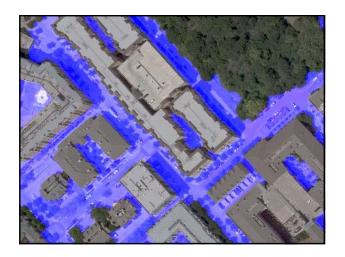
90% Correct

.....Substantial redundancy-inspired progress yet to be expected



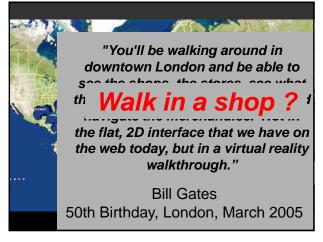




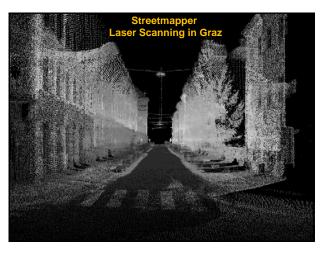






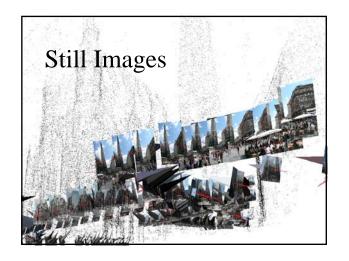


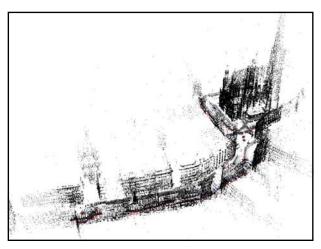




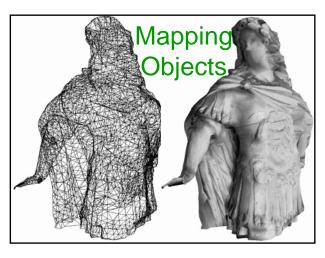


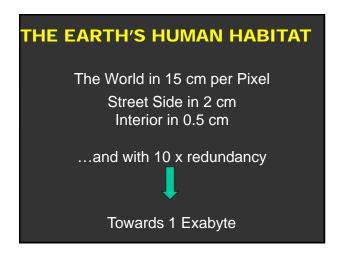
















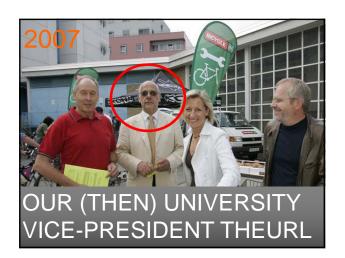






1977





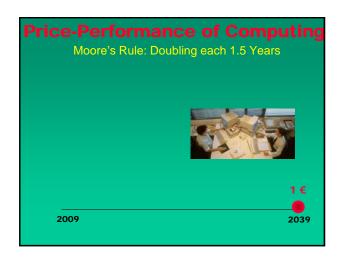
2007
VICE-PRESIDENT THEURL
Retired with 4 GB of data

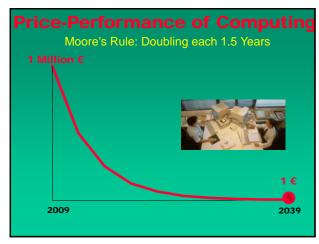
BUYS DISK SPACE
500 GIGABYTE

€ 100

1977-2007
Improvement
12,500,000

DRIVERS FOR INNOVATIONS?





2009-2039 1 MILLION?

