

Case Helsinki: Utilizing Digital Solutions Makes a Smarter City

ITS Connekt Webinar, March 2024



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Nice to meet you, let's Connekt!

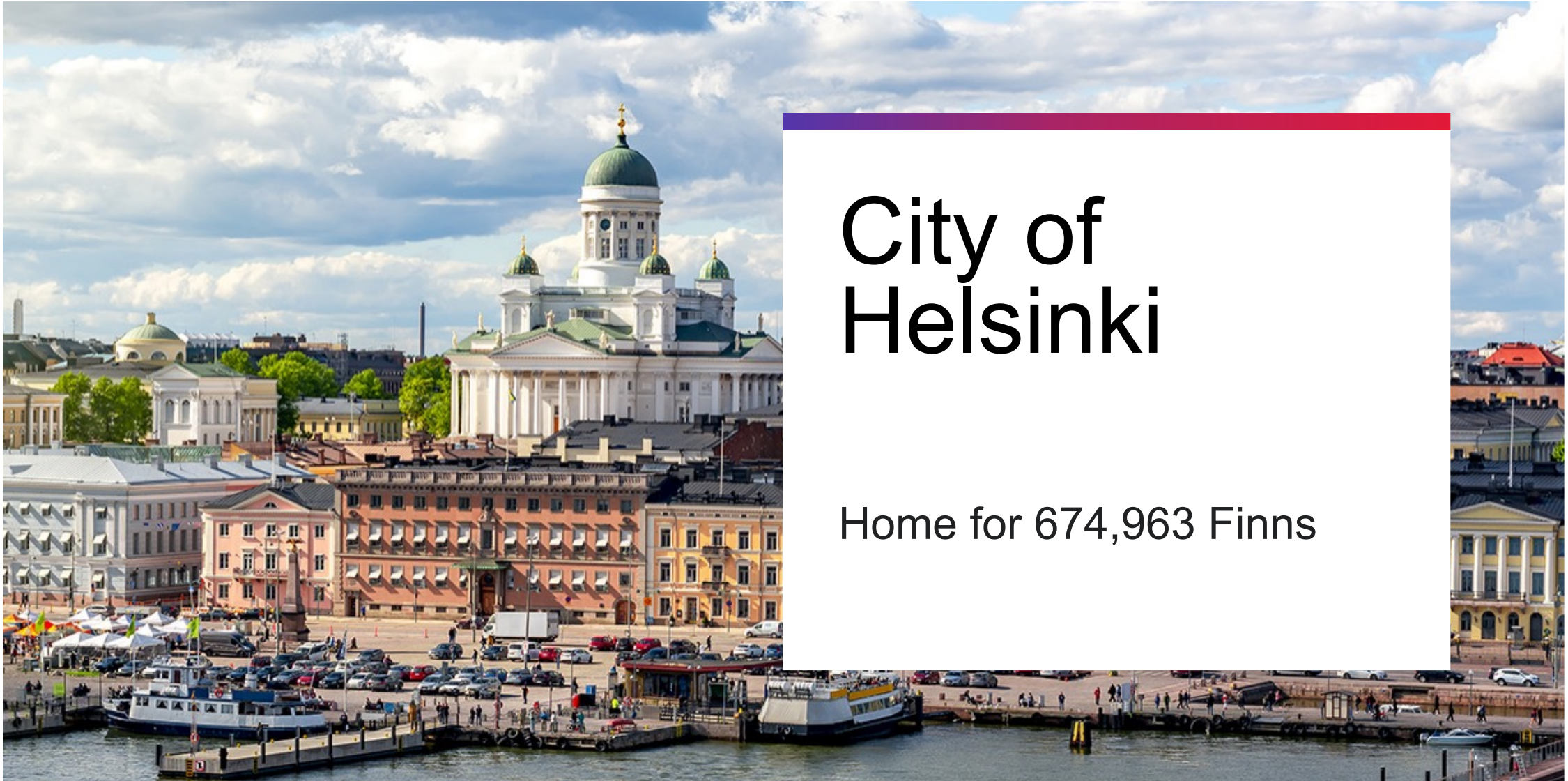


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City of Helsinki

Home for 674,963 Finns

Smart City

CGI vision



CGI vision



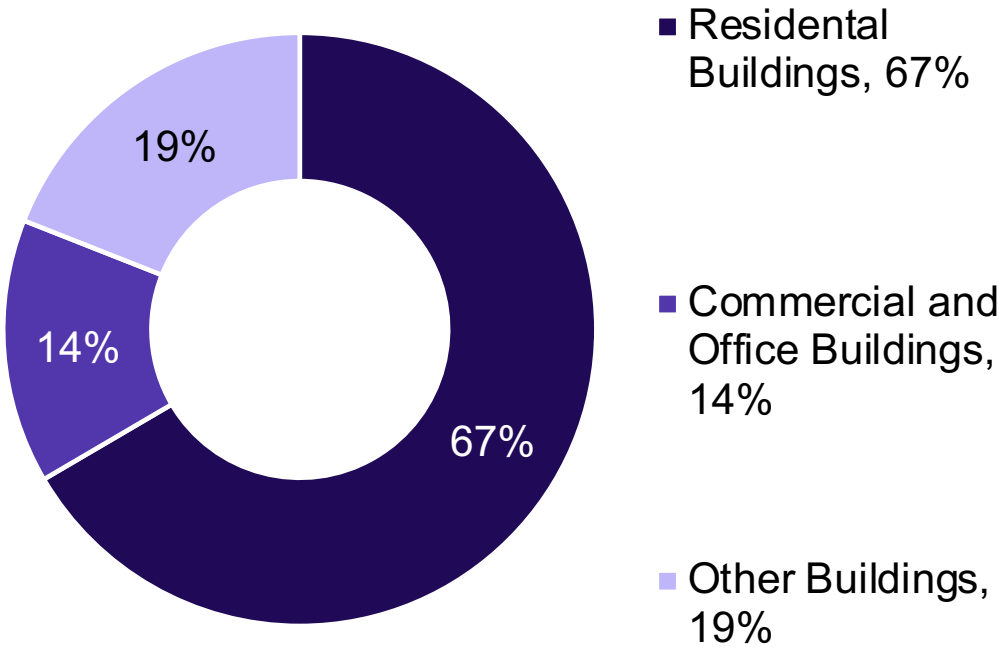
Construction and maintenance in Helsinki

6,047 Apartments completed in Helsinki 2022

(Average for 2018-2022: 6,394)

Built street area	16,6 hectares
Built street greenery	1,2 hectares
Built park area	16,1 hectares
Water and sewer pipes	6 500 linear meter
Street areas to be maintained	989 hectares
Street greenery to be maintained	181 hectares
Parks to be maintained	825 hectares

Gross floor area in completed buildings (2022)



City of Helsinki (Stara)

Stara provides construction and maintenance and logistics services for the needs of the city of Helsinki:



Construction and maintenance of streets, green areas and parks



Property repair and maintenance



Management of natural areas – forests, fields, meadows, sea areas. Soil and bedrock investigations



Duty to be on standby, expert services, street duty 24/7

Customer challenges:

- Productivity
- Data scattered in different places
- Project monitoring and predictability



Customers issues

1200

Professionals from
different fields with

150

Different job titles



The jobs vary from field work
requiring special skills to planning,
project and management tasks.

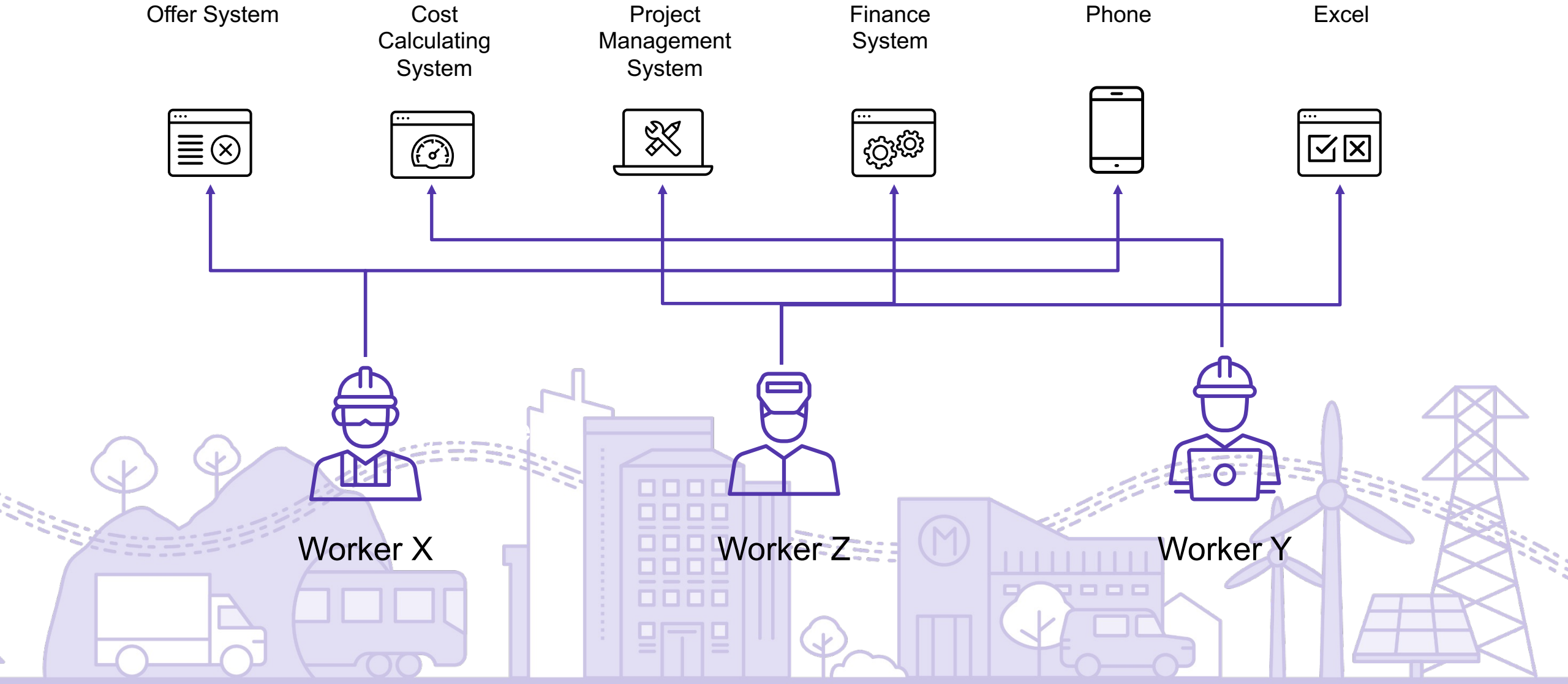


Customers issues



The jobs vary from field work requiring special skills to planning, project and management tasks.

Customers issues



Problems to tackle:

System chaos

Big amount of manual
work in processes

Inadequate reporting

Data-based value
creation is hard



Goals for Stara:

Significant automation of work
and functions

Real-time project monitoring and
project change management

Resource management

Improving and speeding up
reporting at all levels

Enabling data-based, knowledge-
based management

A background image of a male worker in a high-visibility yellow and blue jacket and a grey hard hat. He is standing in a control room, gesturing with his hands towards a large computer monitor. The monitor displays a technical interface with various data points and charts. The scene is dimly lit, with the primary light source being the screen and some ambient room lights.

CGI Profio360

ERP solution
dedicated to
project-driven
manufacturing,
construction and
maintenance work

Benefits brought by CGI Profio360



More effective management and monitoring

- One program for managing costs from the tender calculation stage to invoicing
 - Work management, time reporting and work monitoring in the same system
- Making procurements more precise, and monitoring easier
- Cost tracking is more accurate with transcription



Data-driven working and agile document management

- Easier reporting
- Unified offers and other documents to be sent to the customer (templates)
- Documentation easily available (documentation for e.g. orders is directly attached to the project)



Cost savings and customer satisfaction

- Production operations have become more efficient
- Overlapping work has decreased
 - No more copying the same data
- Reduced software costs
- Saving labor costs in the services of the administration's finance team
- Improving customer satisfaction

Client case: City of Helsinki results using CGI Profio360



Opening a new project

50*

working days saved / year

Creating a purchase order

71*

working days saved / year

Sales invoicing

67*

working days saved / year

Other savings

10-30_{min}

saved per inspection in cost monitoring tasks*

2-30_{min}

saved per gig in operations management tasks*

*(yearly amount unknown)

*1 work day = 8 hours



Stara

Thank you for your time, let's Connekt!



Scan the QR to leave
your information, we
will contact you!



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