

The Future of Knowledge Management

A Vision For 2020

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**ONE TEAM.
ONE FLUOR.**

FLUOR.

2010 Annual Report



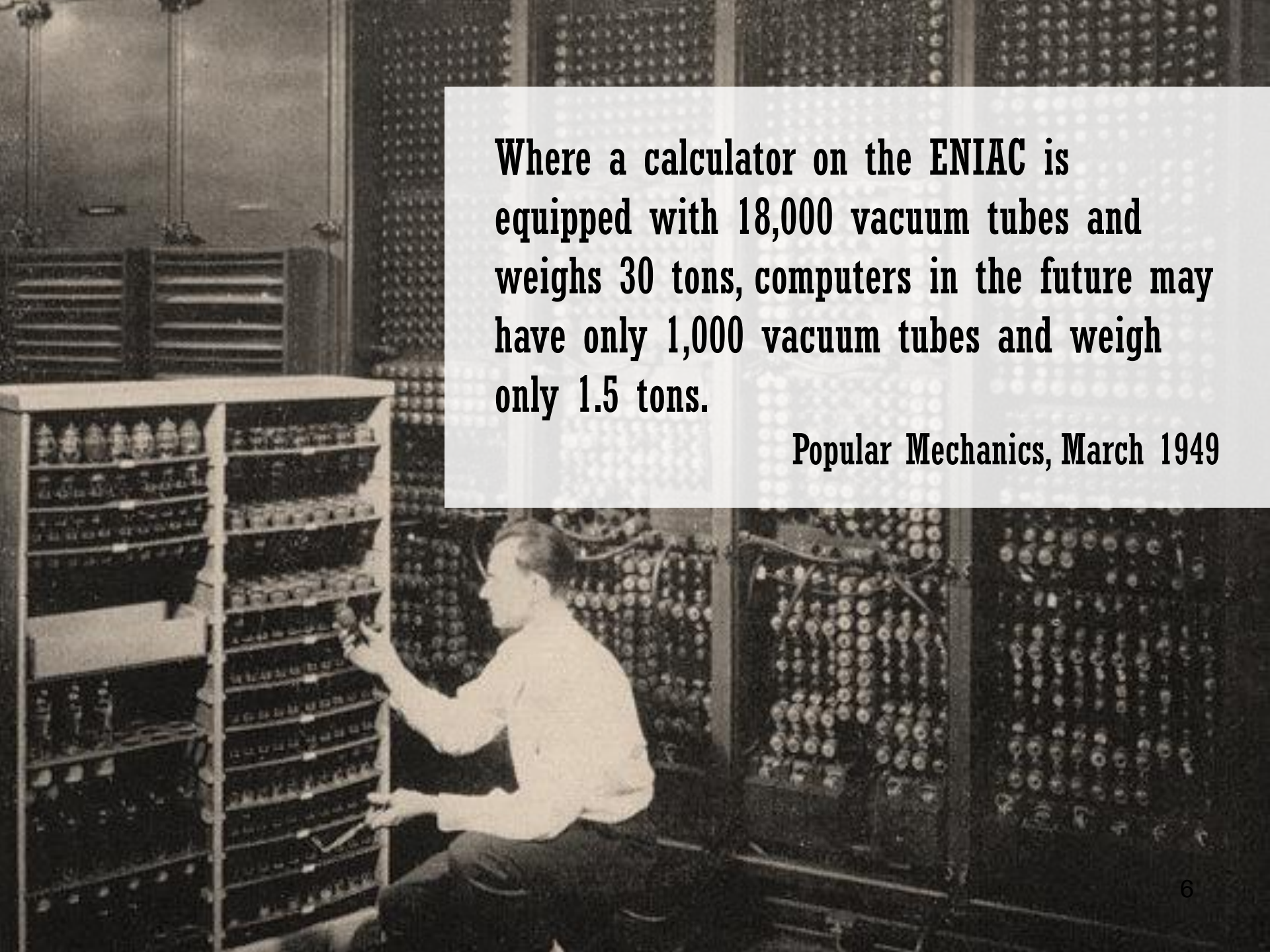
#KM2020

**Predicting The Future
Can Be Risky Business**

This 'telephone' has too many shortcomings to be seriously considered as a means of communication. The device is inherently of no value to us.

A memo at Western Union, 1878





Where a calculator on the ENIAC is equipped with 18,000 vacuum tubes and weighs 30 tons, computers in the future may have only 1,000 vacuum tubes and weigh only 1.5 tons.

Popular Mechanics, March 1949

Transmission of documents via telephone wires is possible in principle, but the apparatus required is so expensive that it will never become a practical proposition.

Dennis Gabor, British physicist and author of *Inventing the Future*, 1962.



New technology emerges DAILY



A photograph of a two-lane asphalt road stretching into the distance. The road is flanked by dry, rocky terrain with sparse vegetation. In the center of the road, the words "HERE ARE YOU" are painted in large, white, block letters, arranged in three lines. The perspective is from a high angle looking down the road.

HERE

ARE

YOU

Four Key Themes



1



2



3



4

Key Theme #1

**Anticipatory
delivery of
knowledge
improves
application
and impact**



Key Theme #1

Anticipatory Delivery of Knowledge



Key Theme #1

Anticipatory Delivery of Knowledge

Need lime kiln
experts in hot...



I am starting an
ergonomic study...



I'm planning a series...



I recommend...



Key Theme #2

**Connecting
people remains
the best way to
transfer
knowledge**



Photo: Phil Hilfiker

Key Theme #2

Connecting People



Key Theme #2

Connecting People



Fluor Corporation - Piping Materials - Boilers

Piping Material Engineering – Boiler External Valve Selection and Sizing

Revised: 29 July 2006 by [JLH/BJG](#)

Description:
This guideline establishes guidelines for the selection and sizing of boiler stop-check and **blowdown** valves. It is intended also as a text for training.

Context:
This guideline applies to the selection and sizing of boiler stop-check and **blowdown** and **blowoff** valves. The responsibility for ensuring compliance with this guideline and applicable codes rests with the assigned Project Piping Engineer.

Information can be found here:
[Boiler External Valve Selection and Sizing](#)

People who may know something about this topic:
[John A. Givens](#)

Also be interested in the following:
[Boiler External Valve Selection and Sizing](#)

More about Piping Materials:
[The Value](#)
Fluor has historically brought...
[Market Outlook](#)
Chain Solutions is pleased to...
[Boiler External Valve Selection and Sizing](#)
...project for a production...
[Boiler External Valve Selection and Sizing](#)

This document has been identified with the following tags:
[boiler external valve](#) [blowoff valves](#) [piping engineering](#)



Key Theme #3

**Connected
knowledge and
the power of
knowledge
discovery**

**IF ONLY WE
KNEW
WHAT WE
KNOW**

Key Theme #3

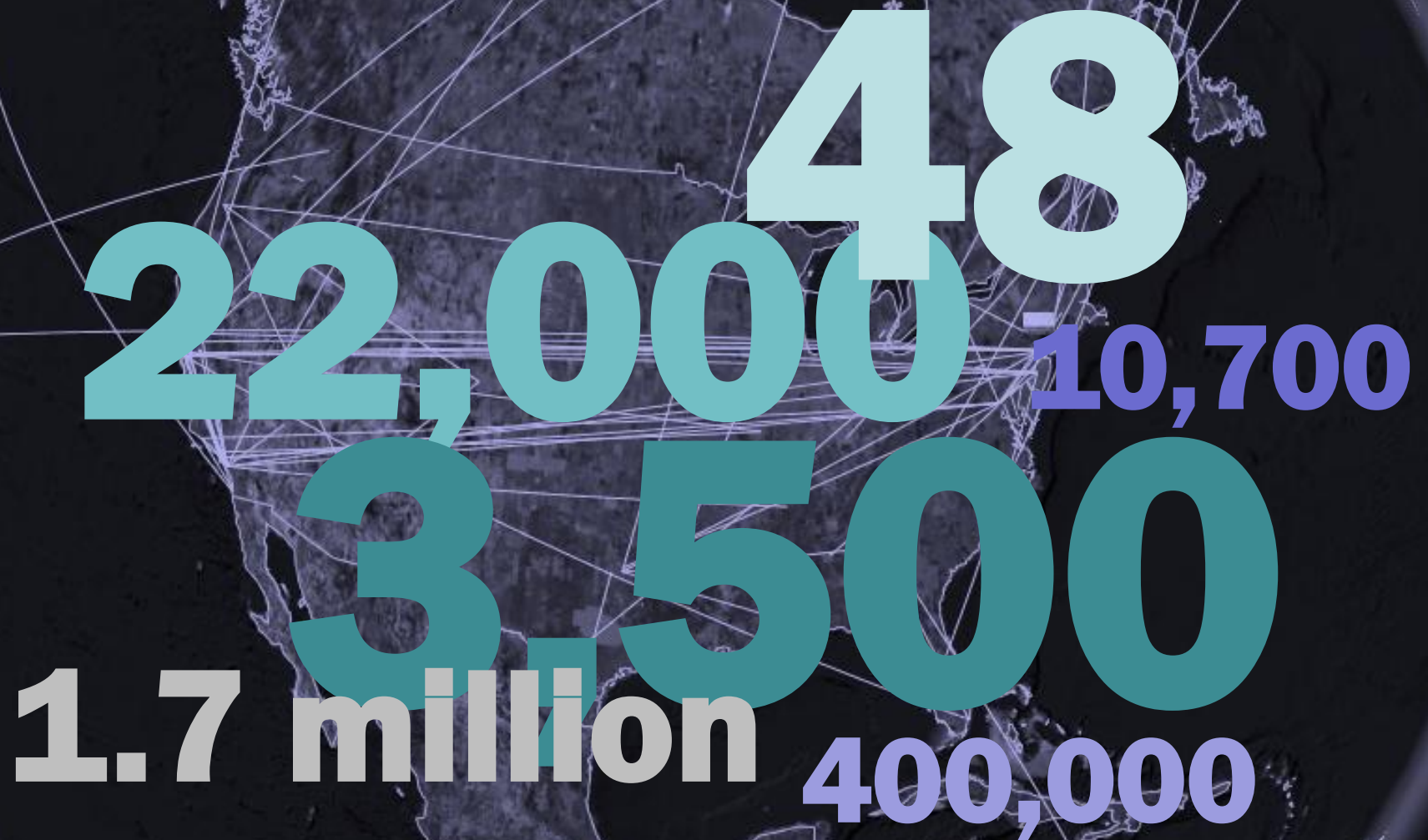
Connected Knowledge

search profile
communities management career experts community
best learned practices discussion member COP news development
knowledge
expertise forum innovation
engineering locator lessons



Key Theme #3

Connected Knowledge



48
22,000 **10,700**
3,500
1.7 million **400,000**

Key Theme #3 Connected Knowledge

Connected
knowledge
encourages
discovery


[Piping Community](#) > [Piping Materials](#) > [Boilers](#)

Piping Material Engineering – Boiler External Valve Selection and Sizing

Modified: 06/11/2006 by [Joel Strang](#)

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 [Guideline002702718.pdf \(367kb\)](#)

* Related information can be found here:
[Piping Materials](#), [Boilers](#), [Valves](#), [P&ID](#), [CMC101](#)

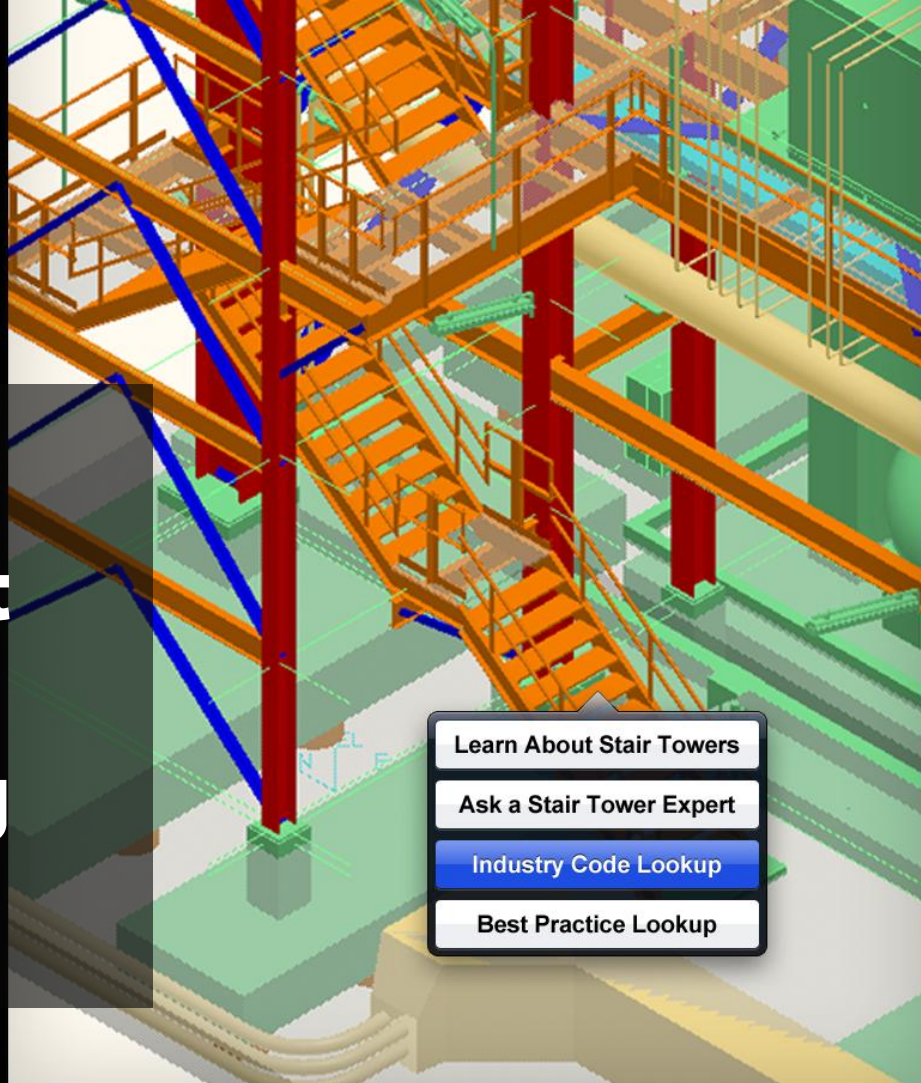
* The following people may know something about this subject:
[Joel Strang](#), [Vince Mazzano](#), [Jose D. Gutierrez](#), [Benny Tso](#)

* You may also be interested in the following Knowledge Packs:
[Boiler Valves](#), [CSF480](#), [ELE481](#)

Latest News about Piping Materials: Think Beyond The Wire New technology has historically brought disruptive change in the process automation... 2008 Material Market Outlook Fluor Supply Chain Solutions is pleased to present the 2008 Material Market Outlook... Valves and Electrical Materials Available A recent Fluor project for a production platform has some excess pipe valves... More news about Piping Materials	Recent discussions about Piping Materials: PSV designed per ASME Sect. 1... Tom Zhou, Houston Fuel gas supply to boilers: NFPA 85 Scott G Cloud, Greenville Flange connections and similar to boiler... Martin L. Woodruff, Cambridge More discussions about Piping Materials
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This document has been identified with the following tags:
[boiler](#), [blowdown valves](#), [blowoff valves](#), [project piping engineer](#)

**Knowledge
management
is embedded
in everything
we do**



**Knowledge
management
is embedded
in everything
we do**



Key Theme #4

**Accelerated
expertise
development is
crucial as the
baby boomers
retire**



A photograph of a wooden fence in a field at sunset. The fence runs diagonally from the bottom left towards the top right. The sky is a mix of orange, yellow, and dark brown, with a few clouds on the left. A bird is flying in the upper right. The fence is made of dark wooden posts and rails. The ground is a mix of brown and green grass. The overall mood is serene and contemplative.

Recent Grad

Local Expert

Global Expert

Fellow

Senior Fellow

Photo: Wylie Maercklein

A high-angle photograph of a two-lane asphalt road stretching into the distance. The road is flanked by dry, rocky terrain with sparse vegetation. In the center of the road, the words "HERE ARE YOU" are painted in large, white, block letters, arranged in three lines. The perspective is from directly above, looking down the center of the road.

HERE

ARE

YOU



Four Key Themes





Hike your own hike

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